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ENVIRONMENT

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

Subject:
Results of Supplemental Soil Sampling
Former GE Parts and Repair Service Center
Tonawanda, New York 14150
NYSDEC Site ID: 915244
EPA ID: NYD067539940
Permit ID: 9-1464-00044/00001

Date:
May 29, 2020

Contact:
Doug Weeks

Phone:
518.250.7378

Email:
doug.weeks@arcadis.com

Our ref:
AP013103.4000

Dear Ms. LaClair:

This letter has been prepared by Arcadis of New York, Inc. (Arcadis), on behalf of the General Electric Company (GE), to provide the New York State Department of Environmental Conservation (NYSDEC) and the United States Environmental Agency (USEPA) with the results of the additional soil sampling conducted by GE at its former Parts and Repair Service Center located at 175 Milens Road in Tonawanda, New York (the Site). The sampling was performed to collect additional data to augment the existing dataset and potentially refine the limits of soil excavation that were presented in the Self-Implementing Cleanup and Disposal Plan for PCB Remediation Waste and Focused Corrective Measures Study for Sub-slab Soils Area of Concern (SIP/Focused CMS, Arcadis 2019). The work was performed, as described in the letter to NYSDEC dated March 26, 2020, in the following three areas of the Site:

- Within the targeted excavation area in the southeast portion of the Sub-Slab Soils Area of Concern (AOC) - i.e., in the southeast corner of the building;
- At the approximate location of historic soil boring EB7, just outside the east wall of the building; and
- Within the footprint of the above-ground storage tank (AST) containment area located east of the building.

Following collection, the sample locations were surveyed using survey-grade Global Positioning System (GPS) equipment.

The soil samples were analyzed by Eurofins TestAmerica in Amherst, New York for polychlorinated biphenyls (PCBs) via USEPA Method 8082. The laboratory analytical report is included as Attachment 1. The validated laboratory analytical results for PCBs for the interior and exterior soil boring locations are presented on Figures 1 and 2, respectively. A Data Usability Summary Report presenting the results of the data review and validation is included as Attachment 2.

Additionally, this letter report presents the results of samples collected for waste characterization purposes (i.e., to support development of a waste profile(s) to facilitate disposal facility acceptance).

Sub-Slab Soils AOC

While the site is currently zoned for Commercial/Industrial Use and the existing Environmental Covenant restricts use of the site to industrial, GE intends to attempt to excavate soils with as-found PCB concentrations greater than or equal to 1 mg/kg to allow for greater flexibility in future re-use scenarios for the site. Should achievement of a 1 mg/kg cleanup level in the Sub-Slab Soils AOC prove to be impractical, GE would revert to a cleanup level of 10 mg/kg. The 10 mg/kg cleanup level is consistent with the cleanup level for bulk PCB remediation waste in high occupancy areas (with an accompanying cap), as described in 40 CFR §761.61(a).

A total of seven additional soil borings (SB-26 through SB-29, and SB-33 through SB-35) were completed in the Sub-Slab Soils AOC to augment the existing soil data set and potentially refine the horizontal and vertical extent of soil excavation required. The locations for these additional soil borings were selected based on the results from the prior RFI sampling conducted for the Sub-Slab Soils AOC, review of the currently proposed excavation limits relative to physical site features intended to remain (e.g., existing staircases serving the second floor offices), and historical knowledge of previous Site activities.

Soil borings SB-26, SB-27, and SB-28 were installed in the southeast corner of the building to a depth of six feet beneath the bottom of the concrete slab in an effort to refine the limits of the 6-foot deep excavation in this area where several physical structures/features are present. Soil samples were collected at these locations from the 0- to 1-foot, 1- to 2-foot, 2- to 4-foot, and 4- to 6-foot depth intervals. All of the samples collected at SB-26, in the vicinity of the stairwell in the far southeast corner of the building, were non-detect (ND) for PCBs. At SB-27, the 0- to 1-foot depth interval sample contained PCBs at a concentration of 3.3 milligrams per kilogram (mg/kg). However, all other samples collected at SB-27 were ND for PCBs. At location SB-28, all samples were either ND or less than 1 mg/kg PCBs. Based on these data, the extent of the 6-foot deep excavation in the southeast corner of the building has been adjusted as shown on Figure 1. Additionally, based on the data collected to date, the top four feet of soil in this excavation area will be removed and stockpiled for potential re-use as backfill on-Site. As a conservative measure, a representative composite sample of this stockpiled material will be collected and analyzed to confirm that the PCB concentrations are less than 1 mg/kg. If the PCB concentrations are greater than 1 mg/kg, this material will be managed accordingly. Upon completion of the excavation to the limits shown on Figure 1, confirmation soil sampling will be performed per the protocols presented in the SIP/Focused CMS.

Soil borings SB-29 and SB-33 were advanced to a depth of four feet beneath the bottom of the concrete slab to collect additional data to potentially refine the limits of the 4-foot deep excavations around previous soil boring locations SB-3 and SB-8, respectively. Accordingly, soil samples were collected at these locations from the 0- to 1-foot, 1- to 2-foot, and 2- to 4-foot depth intervals. At SB-29, PCB concentrations were 730 mg/kg in the 0- to 1-foot depth interval, 240 mg/kg in the 1- to 2-foot depth interval, and 5 mg/kg in the 2- to 4-foot depth interval. Based on these data, the lateral extent of the 4-foot deep excavation around SB-3 has not changed. At SB-33, PCB concentrations were 53 mg/kg in the 0- to 1-foot depth interval, 1.1 mg/kg in the 1- to 2-foot depth interval, and 19 mg/kg in the 2- to 4-foot depth interval. Based on these results, the lateral extent of the 4-foot deep excavation around SB-8 too has not changed.

At locations SB-34 and SB-35 shallow soil samples were collected from the 0- to 1-foot depth interval. The sample at SB-34 was installed to collect additional data to potentially refine the excavation limits to the north and west of location SB2-7. Soil borings SB-34 and SB-35 were also intended to provide additional data in the vicinity of previous soil boring location SB2-7, where PCBs were detected at a concentration of 48 mg/kg in the 0- to 1-foot depth interval. At SB-34, the PCB concentration was 3.1 mg/kg in the 0- to 1-foot depth interval, and therefore the limits of soil excavation to the north and west are unchanged. At SB-35, PCBs were detected at a concentration of 140 mg/kg in the 0- to 1-foot depth interval. Based on the sampling results at SB-35, the preliminary depth of excavation remains unchanged.

Additional details regarding the excavation and management of soils containing PCBs at concentration greater than 50 mg/kg are presented below.

Excavation and Management of Soils with PCB Concentrations Greater than 50 mg/kg

Soils containing PCB concentrations greater than or equal to 50 mg/kg are regulated for disposal as a PCB remediation waste under the Toxic Substances Control Act (TSCA) disposal regulations and are also regulated in New York State as a hazardous waste. Soils with PCB concentrations greater than or equal to 50 mg/kg will be the first soils excavated at the Site. These “TSCA” soils will be direct-loaded into a hauling vehicle and transported to the US Ecology Wayne Disposal Landfill facility in Belleville, Michigan for disposal. The initial horizontal excavation limits for soils with PCB concentrations greater than or equal to 50 mg/kg have been established as shown on Figure 1. The initial depth of “TSCA” excavation in these areas will be based on the data collected to date (i.e., based on sample intervals with PCB concentrations greater than or equal to 50 mg/kg). For example, for the excavation area at SB-29, “TSCA” soils will be removed to an initial depth of two feet below the bottom of the slab and direct-loaded for off-site transportation and disposal. Similarly, in the area around SB-33 and SB-35, “TSCA” soils will be removed to an initial depth of one-foot beneath the bottom of the slab.

Post-excavation soil confirmation sampling (both sidewall and bottom sampling) will be performed following excavation of the “TSCA” soils, as described in the SIP/Focused CMS, to confirm that the remaining soils in these areas contain PCB concentrations less than 50 mg/kg. If a soil sidewall confirmation sample result fails to meet this criterion, the “TSCA” excavation limit represented by that sidewall sample will be expanded approximately 1 to 3 feet outward (or to a distance otherwise dictated by field conditions) at the same depth, and the sidewall will be resampled. If a bottom confirmation soil sample fails to meet the criterion, the grid area represented by that sample will be excavated an additional 6 inches deeper (or as otherwise dictated by field conditions) and the area will be resampled.

Location of Historic Soil Boring EB7

In its November 29, 2019, approval of the SIP/Focused CMS, NYSDEC requested that the final report documenting the soil excavation work indicate if soils represented by previous sampling location EB7 were excavated or remain on-site. In reviewing previous project documentation, it was determined that soil boring EB7 was installed 2.5 feet from the east side of the building at a point 19 feet north of the north wall of the building extension. The sample from EB7 that contained a PCB concentration of 1.5 mg/kg was collected from a depth of 6-8' below ground surface (bgs). Additionally, according to historic project documentation [Revised Corrective Measure Completion Final Report, AECOM 2016], the area where boring EB7 was installed was excavated to a depth of between 5-7' bgs during the exterior work performed in 2015. Based on the review of previous project documentation, it was unclear whether the soil impacts at EB7 were addressed during the previous excavation work at the site.

Therefore, soil boring (SB-30) was completed at the former location of EB7 to a depth of 10 feet bgs. Samples were collected from the 4- to 6-foot, 6- to 8-foot and 8- to 10-foot bgs depth intervals and analyzed for PCBs to determine if existing conditions at this location meet the current targeted cleanup level of 1 mg/kg for PCBs. All samples were non-detect for PCBs. Thus, it is concluded that the prior excavation work conducted at the site in 2015 removed the low-level PCB impacts at location EB7 and no further action is required.

AST Containment Area

To evaluate whether there are impacts to the soils beneath the concrete of the AST containment area, where samples had not previously been collected, two soil borings (SB-31 and SB-32) were advanced to a depth of eight feet below the bottom of the slab within the containment area (see Figure 2). Soil samples were collected and analyzed from the 0- to 1-foot, 1- to 2-foot, 2- to 4-foot, 4- to 6-foot, and 6- to 8-foot depth intervals beneath the bottom of the concrete at each location.

The 0- to 1-foot depth interval sample at SB-31 exhibited a PCB concentration of 3.7 mg/kg. The 0- to 1-foot depth interval sample at SB-32 exhibited an estimated PCB concentration of 0.14 (J) mg/kg. All other samples collected at soil borings SB-31 and SB-32 were ND for PCBs.

Based on the sample results from SB-31 and SB-32, the excavation limits for the AST Area have been refined as presented in Figure 2.

Waste Characterization Sampling

In addition to the delineation soil sampling described above, full-depth (based on proposed excavation depths presented in the SIP/Focused CMS) composite soil samples were collected at each of the locations SB-26, SB-27, SB-29, SB-31, SB-33 and SB-34 for waste characterization purposes. Samples were submitted for analysis of metals via the Toxicity Characteristic Leaching Procedure (TCLP) and ignitability to determine if the material is considered a characteristic hazardous waste in accordance with the Resource Conservation and Recovery Act (RCRA) and, therefore, requires disposal at a hazardous waste facility. The results of the waste characterization sampling are shown in Table 1. Based on the analytical results, none of the materials sampled are classified as a RCRA characteristic hazardous waste. However, soils containing PCB concentrations greater than or equal to 50 mg/kg are regulated for disposal as a PCB remediation waste under TSCA regulations and are also regulated in New York State as a hazardous waste.

If you have any questions, please contact me at (518) 250-7378, or Mr. Lewis Streeter of GE at (518) 388-7552.

Sincerely,

Arcadis of New York, Inc.

Doug Weeks
Project Manager

Electronic copies:
Kathleen Emery, NYSDEC
Andrew Park, USEPA
Lew Streeter, GE
Angelica Todd, GE
Todd Merrell, Arcadis
James Nuss, Arcadis

Attachments:
Table 1 - Waste Characterization Sampling Data

Figure 1 - Supplemental Soil Sampling Locations and PCB Concentrations – Facility Interior Locations
Figure 2 - Supplemental Soil Sampling Locations and PCB Concentrations – Facility Exterior Locations

Attachment 1 - Laboratory Analytical Report
Attachment 2 - Data Usability Summary Report

TABLE

Table 1
Waste Characterization Sampling Data
Former GE Parts and Repair Service Center
Tonawanda, New York

ARCADIS Design & Consultancy for natural and built assets

Location ID: / Date Collected:	TCLP - DLIST RLS	Units	SB-26 04/01/20	SB-27 04/01/20	SB-29 04/01/20	SB-31 04/02/20	SB-33 04/01/20	SB-34 04/01/20
Gen Chem								
Flashpoint	- -	F	>180	>180	>180	>180	>180	>180
Inorganics-TCLP								
Arsenic	5	mg/L	0.0086 J	0.0060 J	0.0062 J	0.0073 J	0.010 J	0.015 U
Barium	100	mg/L	0.84 J	0.43 J	0.61 J	1.2	0.40 J	0.12 J
Cadmium	1	mg/L	0.0022	0.0021	0.0015 J	0.0014 J	0.00070 J	0.0018 J
Chromium	5	mg/L	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
Lead	5	mg/L	0.020 U	0.020 U	0.0043 J	0.018 J	0.020 U	0.020 U
Mercury	0.2	mg/L	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U
Selenium	1	mg/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Silver	5	mg/L	0.0060 U	0.0060 U	0.0060 U	0.0060 U	0.0060 U	0.0060 U

Lab Qualifiers:

>	
J	Indicates an estimated value.
U	The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

FIGURES

SB–25			
PCBs (mg/kg)	(1–2)	(2–4)	(6–8)
Total PCBs	ND	ND	ND

SB2–2	
PCBs (mg/kg)	(0–1)
Total PCBs	ND

SB–6			
PCBs (mg/kg)	(0–1)	(1–2)	(6–8)
Total PCBs	1.7 J	0.75 J	ND

SB2–1		
PCBs (mg/kg)	(0–1)	(1–2)
Total PCBs	32	ND

SB–5			
PCBs (mg/kg)	(0–1)	(1–2)	(6–8)
Total PCBs	13	0.62 J	ND

SB–29			
PCBs (mg/kg)	(0–1)	(1–2)	(2–4)
Total PCBs	730	240	5

SB–4				
PCBs (mg/kg)	(0–1)	(1–2)	(2–4)	(6–8)
Total PCBs	22	4.3	0.83 J	ND

SB–28				
PCBs (mg/kg)	(0–1)	(1–2)	(2–4)	(4–6)
Total PCBs	ND	0.12	0.94 (0.77)	ND

SB–27					
PCBs (mg/kg)	(0–1)	(1–2)	(2–4)	(4–6)	
Total PCBs	3.3	ND	ND	ND	

SB–3					
PCBs (mg/kg)	(0–1)	(1–2)	(2–4)	(4–6)	(6–8)
Total PCBs	24	8.9 J	3.5 J	ND	ND

SB–2							
PCBs (mg/kg)	(0–1)	(1–2)	(2–4)	(4–6)	(6–8)	(8–10)	(10–12)
Total PCBs	1.4 J	ND	ND	ND	ND	ND	ND

SB–7							
PCBs (mg/kg)	(0–1)	(1–2)	(2–4)	(4–6)	(6–8)	(8–10)	(10–12)
Total PCBs	3.9 J	0.65	ND	ND	ND	ND	ND

SB–26				
PCBs (mg/kg)	(0–1)	(1–2)	(2–4)	(4–6)
Total PCBs	ND	ND (0.53)	ND	ND

SB–35	
PCBs (mg/kg)	(0–1)
Total PCBs	140

SB–1							
PCBs (mg/kg)	(0–1)	(1–2)	(2–4)	(4–6)	(6–8)	(8–10)	(10–12)
Total PCBs	ND	0.72 J	ND	1.07 J	ND	ND	ND

SB2–3	
PCBs (mg/kg)	(0–1)
Total PCBs	ND

SB2–4		
PCBs (mg/kg)	(0–1)	(1–2)
Total PCBs	ND	ND

SB–34	
PCBs (mg/kg)	(0–1)
Total PCBs	3.1 E

SB–10			
PCBs (mg/kg)	(1–2)	(2–4)	(8–10)
Total PCBs	5.9 [3.8] J	0.22 J	ND

SB2–5	
PCBs (mg/kg)	(0–1)
Total PCBs	0.11 J

SB2–6		
PCBs (mg/kg)	(0–1)	(1–2)
Total PCBs	7.3 [8.2]	0.37

SB–9			
PCBs (mg/kg)	(0–1)	(1–2)	(8–10)
Total PCBs	ND	ND	ND

SB–12							
PCBs (mg/kg)	(0–1)	(1–2)	(2–4)	(4–6)	(6–8)	(8–10)	(10–12)
Total PCBs	ND	ND	ND	ND	ND	ND	ND

SB–11			
PCBs (mg/kg)	(0–1)	(1–2)	(4–6)
Total PCBs	ND	ND	ND

SB–33			
PCBs (mg/kg)	(0–1)	(1–2)	(2–4)
Total PCBs	53	1.1	19

SB–8							
PCBs (mg/kg)	(0–1)	(1–2)	(2–4)	(4–6)	(6–8)	(8–10)	(10–12)
Total PCBs	26 J	7.9	9.1 J	0.32 J	ND	ND	ND

SB2–7			
PCBs (mg/kg)	(0–1)	(1–2)	(2–4)
Total PCBs	48	0.42	0.78

SB-25 FD
SB2-2
SB2-3
SB2-4
SB-10
SB2-5
SB2-1
SB-6
SB-34
SB-5
SB2-7
SB-35
SB-33
SB-29
SB-4
SB-3
SB-7
SB-8
SB-9
SB-11
SB-12
SB-28
SB-1
SB-30
SB-2
SB-27
SB-26
SB-31
SB-32
SB2-6
10" SW
4" SS
CO #2
WW AST
AST AREA
TO GROUND
TO GRASS
RD
1978 ADDITION
ORIGINAL BUILDING 1969

NORTHERN PORTION OF PCB WORK AREA DECOMMISSIONED IN 1994

PCB DRUM STORAGE AREA DECOMMISSIONED IN 1994

APPROXIMATE LOCATION OF FORMER BERM

PCB CONTAINER STORAGE AREA DECOMMISSIONED IN 2000

LEGEND

- PROPERTY LINE
- RAIL ROAD TRACKS
- SANITARY SEWER PIPE - CLEANED 2011
- SANITARY MANHOLE
- OIL WATER SEPARATOR
- PROCESS WATER PIPE
- PROCESS WATER FLOOR DRAIN
- PROCESS WATER TRENCH DRAIN
- PROCESS WATER SUMP
- STORM SEWER PIPE
- STORM SEWER MANHOLE
- STORM SEWER CATCH BASIN
- STORM SEWER TRENCH DRAIN
- STORM SEWER SUMP
- RD ROOF DRAIN
- PHASE 1 SOIL BORING LOCATIONS (FEBRUARY/MARCH 2018) WHERE ALL SAMPLE(S) MEET CLEANUP OBJECTIVE (1 MG/KG)
- PHASE 1 SOIL BORING LOCATION (FEBRUARY/MARCH 2018) WHERE SAMPLE(S) EXCEED CLEANUP OBJECTIVE (1 MG/KG)
- PHASE 2 SOIL BORING LOCATION (OCTOBER/NOVEMBER 2018) WHERE ALL SAMPLE(S) MEET CLEANUP OBJECTIVE (1 MG/KG)
- PHASE 2 SOIL BORING LOCATION (OCTOBER/NOVEMBER 2018) WHERE SAMPLE(S) EXCEED CLEANUP OBJECTIVE (1 MG/KG)
- SUPPLEMENTAL SOIL BORING LOCATION (APRIL 2020) WHERE ALL SAMPLE(S) MEET CLEANUP OBJECTIVE (1 MG/KG)
- SUPPLEMENT SOIL BORING LOCATION (APRIL 2020) WHERE SAMPLE(S) EXCEED CLEANUP OBJECTIVE (1 MG/KG)
- 1-FOOT REMOVAL DEPTH
- 2-FEET REMOVAL DEPTH
- 4-FEET REMOVAL DEPTH
- 6-FEET REMOVAL DEPTH
- SOIL CONTAINING PCB CONCENTRATIONS GREATER THAN OR EQUAL TO 50 MG/KG

DRAWING NOTES:

1. DRAWING BASED UPON HISTORICAL DRAWINGS OF FACILITY AND FIELD OBSERVATIONS. LOCATIONS ARE APPROXIMATE.

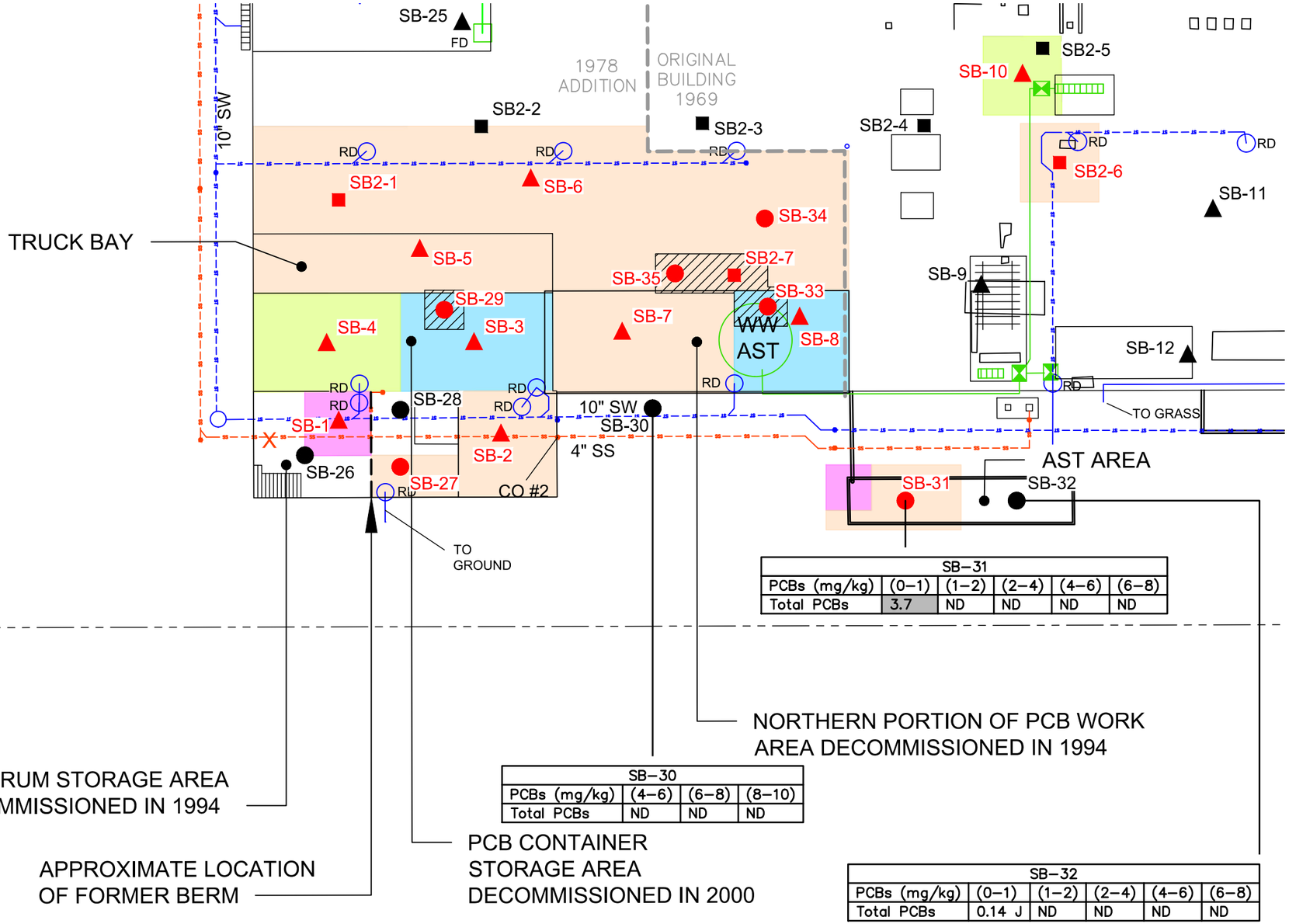
0 50' 100'
GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
175 MILENS ROAD, TONAWANDA, NEW YORK

SUPPLEMENTAL SOIL SAMPLING LOCATIONS AND PCB CONCENTRATIONS - FACILITY INTERIOR LOCATIONS

ARCADIS Design & Consultancy for natural and built assets

FIGURE 1



SB–31					
PCBs (mg/kg)	(0–1)	(1–2)	(2–4)	(4–6)	(6–8)
Total PCBs	3.7	ND	ND	ND	ND

SB–30			
PCBs (mg/kg)	(4–6)	(6–8)	(8–10)
Total PCBs	ND	ND	ND

SB–32					
PCBs (mg/kg)	(0–1)	(1–2)	(2–4)	(4–6)	(6–8)
Total PCBs	0.14 J	ND	ND	ND	ND

LEGEND

- PROPERTY LINE
- RAIL ROAD TRACKS
- SANITARY SEWER PIPE - CLEANED 2011
- SANITARY MANHOLE
- OIL WATER SEPARATOR
- PROCESS WATER PIPE
- PROCESS WATER FLOOR DRAIN
- PROCESS WATER TRENCH DRAIN
- PROCESS WATER SUMP
- STORM SEWER PIPE
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0 50' 100'

GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
175 MILENS ROAD, TONAWANDA, NEW YORK

SUPPLEMENTAL SOIL SAMPLING LOCATIONS AND PCB CONCENTRATIONS - FACILITY EXTERIOR LOCATIONS

ARCADIS Design & Consultancy for natural and built assets

FIGURE 2

ATTACHMENT 1

Laboratory Analytical Report

eurofins | Environment Testing TestAmerica

ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

Laboratory Job ID: 480-168197-1
Client Project/Site: GE - Tonawanda

For:
ARCADIS U.S. Inc
One Lincoln Center
110 West Fayette St, Suite 300
Syracuse, New York 13202

Attn: Josh Miller

Authorized for release by:
4/13/2020 7:54:37 AM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II
(716)504-9838
john.schove@testamericainc.com

Table of Contents

Definitions/Glossary

Client: ARCADIS U.S. Inc
Project/Site: GE - Tonawanda

Job ID: 480-168197-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
X	Surrogate recovery exceeds control limits

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-168197-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-168197-1

Comments
No additional comments.

Receipt
The samples were received on 4/2/2020 1:35 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 3.7º C and 4.6º C.

GC Semi VOA
Method 8082A: The following samples are associated with a continuing calibration verification (CCV 480-524928/53) that had recoveries for the surrogate Decachlorobiphenyl and Tetrachloro-m-xylene that were above acceptance limits: FB-040120 (480-168197-42) and FB-040220 (480-168197-43). Sample surrogate recoveries are within acceptance limits; therefore, the data has been reported.

Method 8082A: The continuing calibration verification (CCV) associated with batch 480-524928 recovered above the upper control limit for PCB-1016 and PCB-1260. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: FB-040120 (480-168197-42) and FB-040220 (480-168197-43).

Method 8082A: Surrogate recovery for the following sample was outside control limits: SB-33 (2-4) (480-168197-20). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8082A: The following samples were diluted to bring the concentration of target analytes within the calibration range: SB-29 (0-1) (480-168197-15), SB-29 (1-2) (480-168197-16), SB-33 (0-1) (480-168197-18), SB-33 (2-4) (480-168197-20) and SB-35 (0-1) (480-168197-25). Elevated reporting limits (RLs) are provided.

Method 8082A: The following samples were diluted due to abundance of target analytes : SB-29 (0-1) (480-168197-15), SB-29 (1-2) (480-168197-16), SB-33 (0-1) (480-168197-18) and SB-35 (0-1) (480-168197-25). As such, surrogate recoveries are below the calibration range or are not reported, and elevated reporting limits (RLs) are provided.

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

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

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

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

Detection Summary

Client: ARCADIS U.S. Inc
Project/Site: GE - Tonawanda

Job ID: 480-168197-1

Client Sample ID: SB-26 (0-1) — Lab Sample ID: 480-168197-1

No Detections.

Client Sample ID: SB-26 (1-2) — Lab Sample ID: 480-168197-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	0.35		0.24	0.11	mg/Kg	1	☼	8082A	Total/NA

Client Sample ID: SB-26 (2-4) — Lab Sample ID: 480-168197-3

No Detections.

Client Sample ID: SB-26 (4-6) — Lab Sample ID: 480-168197-4

No Detections.

Client Sample ID: SB-26-WC — Lab Sample ID: 480-168197-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0086	J	0.015	0.0056	mg/L	1		6010C	TCLP
Barium	0.84	J	1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.0022		0.0020	0.00050	mg/L	1		6010C	TCLP
Flashpoint	>180		50.0	50.0	Degrees F	1		1010A	Total/NA

Client Sample ID: SB-27 (0-1) — Lab Sample ID: 480-168197-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	3.3		0.25	0.12	mg/Kg	1	☼	8082A	Total/NA

Client Sample ID: SB-27 (1-2) — Lab Sample ID: 480-168197-7

No Detections.

Client Sample ID: SB-27 (2-4) — Lab Sample ID: 480-168197-8

No Detections.

Client Sample ID: SB-27 (4-6) — Lab Sample ID: 480-168197-9

No Detections.

Client Sample ID: SB-27-WC — Lab Sample ID: 480-168197-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0060	J	0.015	0.0056	mg/L	1		6010C	TCLP
Barium	0.43	J	1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.0021		0.0020	0.00050	mg/L	1		6010C	TCLP
Flashpoint	>180		50.0	50.0	Degrees F	1		1010A	Total/NA

Client Sample ID: SB-28 (0-1) — Lab Sample ID: 480-168197-11

No Detections.

Client Sample ID: SB-28 (1-2) — Lab Sample ID: 480-168197-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	0.12	J	0.23	0.11	mg/Kg	1	☼	8082A	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: ARCADIS U.S. Inc
Project/Site: GE - Tonawanda

Job ID: 480-168197-1

Client Sample ID: SB-28 (2-4) — Lab Sample ID: 480-168197-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	0.94		0.24	0.11	mg/Kg	1	☼	8082A	Total/NA

Client Sample ID: SB-28 (4-6) — Lab Sample ID: 480-168197-14

No Detections.

Client Sample ID: SB-29 (0-1) — Lab Sample ID: 480-168197-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	730		41	19	mg/Kg	200	☼	8082A	Total/NA

Client Sample ID: SB-29 (1-2) — Lab Sample ID: 480-168197-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	240		13	5.9	mg/Kg	50	☼	8082A	Total/NA

Client Sample ID: SB-29 (2-4) — Lab Sample ID: 480-168197-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	5.0		0.26	0.12	mg/Kg	1	☼	8082A	Total/NA

Client Sample ID: SB-33 (0-1) — Lab Sample ID: 480-168197-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	53		5.1	2.4	mg/Kg	20	☼	8082A	Total/NA

Client Sample ID: SB-33 (1-2) — Lab Sample ID: 480-168197-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	1.1		0.26	0.12	mg/Kg	1	☼	8082A	Total/NA

Client Sample ID: SB-33 (2-4) — Lab Sample ID: 480-168197-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	19		1.2	0.55	mg/Kg	5	☼	8082A	Total/NA

Client Sample ID: SB-29-WC — Lab Sample ID: 480-168197-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0062	J	0.015	0.0056	mg/L	1		6010C	TCLP
Barium	0.61	J	1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.0015	J	0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	0.0043	J	0.020	0.0030	mg/L	1		6010C	TCLP
Flashpoint	>180		50.0	50.0	Degrees F	1		1010A	Total/NA

Client Sample ID: SB-33-WC — Lab Sample ID: 480-168197-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.010	J	0.015	0.0056	mg/L	1		6010C	TCLP
Barium	0.40	J	1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.00070	J	0.0020	0.00050	mg/L	1		6010C	TCLP
Flashpoint	>180		50.0	50.0	Degrees F	1		1010A	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: ARCADIS U.S. Inc
Project/Site: GE - Tonawanda

Job ID: 480-168197-1

Client Sample ID: SB-34 (0-1) — Lab Sample ID: 480-168197-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	6.1	E	0.19	0.091	mg/Kg	1	☼	8082A	Total/NA

Client Sample ID: SB-34 -WC — Lab Sample ID: 480-168197-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.12	J	1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.0018	J	0.0020	0.00050	mg/L	1		6010C	TCLP
Flashpoint	>180		50.0	50.0	Degrees F	1		1010A	Total/NA

Client Sample ID: SB-35 (0-1) — Lab Sample ID: 480-168197-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	140		12	5.6	mg/Kg	50	☼	8082A	Total/NA

Client Sample ID: DUP-040120-01 — Lab Sample ID: 480-168197-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	0.53		0.23	0.11	mg/Kg	1	☼	8082A	Total/NA

Client Sample ID: DUP-040120-02 — Lab Sample ID: 480-168197-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	0.77		0.22	0.10	mg/Kg	1	☼	8082A	Total/NA

Client Sample ID: SB-30 (4-6) — Lab Sample ID: 480-168197-28

No Detections.

Client Sample ID: SB-30 (6-8) — Lab Sample ID: 480-168197-29

No Detections.

Client Sample ID: SB-30 (8-10) — Lab Sample ID: 480-168197-30

No Detections.

Client Sample ID: SB-32 (0-1) — Lab Sample ID: 480-168197-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	0.14	J	0.26	0.12	mg/Kg	1	☼	8082A	Total/NA

Client Sample ID: SB-32 (1-2) — Lab Sample ID: 480-168197-32

No Detections.

Client Sample ID: SB-32 (2-4) — Lab Sample ID: 480-168197-33

No Detections.

Client Sample ID: SB-32 (4-6) — Lab Sample ID: 480-168197-34

No Detections.

Client Sample ID: SB-32 (6-8) — Lab Sample ID: 480-168197-35

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: ARCADIS U.S. Inc
Project/Site: GE - Tonawanda

Job ID: 480-168197-1

Client Sample ID: SB-31 (0-1) — Lab Sample ID: 480-168197-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	3.7		0.23	0.11	mg/Kg	1	☼	8082A	Total/NA

Client Sample ID: SB-31 (1-2) — Lab Sample ID: 480-168197-37

No Detections.

Client Sample ID: SB-31 (2-4) — Lab Sample ID: 480-168197-38

No Detections.

Client Sample ID: SB-31 (4-6) — Lab Sample ID: 480-168197-39

No Detections.

Client Sample ID: SB-31 (6-8) — Lab Sample ID: 480-168197-40

No Detections.

Client Sample ID: SB-31-WC — Lab Sample ID: 480-168197-41

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0073	J	0.015	0.0056	mg/L	1		6010C	TCLP
Barium	1.2		1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.0014	J	0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	0.018	J	0.020	0.0030	mg/L	1		6010C	TCLP
Flashpoint	>180		50.0	50.0	Degrees F	1		1010A	Total/NA

Client Sample ID: FB-040120 — Lab Sample ID: 480-168197-42

No Detections.

Client Sample ID: FB-040220 — Lab Sample ID: 480-168197-43

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-26 (0-1)

Lab Sample ID: 480-168197-1

Date Collected: 04/01/20 08:15
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 98.3

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.22	0.043	mg/Kg	☼	04/06/20 15:09	04/07/20 17:05	1
PCB-1221	ND		0.22	0.043	mg/Kg	☼	04/06/20 15:09	04/07/20 17:05	1
PCB-1232	ND		0.22	0.043	mg/Kg	☼	04/06/20 15:09	04/07/20 17:05	1
PCB-1242	ND		0.22	0.043	mg/Kg	☼	04/06/20 15:09	04/07/20 17:05	1
PCB-1248	ND		0.22	0.043	mg/Kg	☼	04/06/20 15:09	04/07/20 17:05	1
PCB-1254	ND		0.22	0.10	mg/Kg	☼	04/06/20 15:09	04/07/20 17:05	1
PCB-1260	ND		0.22	0.10	mg/Kg	☼	04/06/20 15:09	04/07/20 17:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*88*		*60 - 154*	*04/06/20 15:09*	*04/07/20 17:05*	*1*
Tetrachloro-m-xylene	*82*		*60 - 154*	*04/06/20 15:09*	*04/07/20 17:05*	*1*
DCB Decachlorobiphenyl	*78*		*65 - 174*	*04/06/20 15:09*	*04/07/20 17:05*	*1*
DCB Decachlorobiphenyl	*94*		*65 - 174*	*04/06/20 15:09*	*04/07/20 17:05*	*1*

Client Sample ID: SB-26 (1-2)

Lab Sample ID: 480-168197-2

Date Collected: 04/01/20 08:30
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 84.0

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.24	0.047	mg/Kg	☼	04/06/20 15:09	04/07/20 17:18	1
PCB-1221	ND		0.24	0.047	mg/Kg	☼	04/06/20 15:09	04/07/20 17:18	1
PCB-1232	ND		0.24	0.047	mg/Kg	☼	04/06/20 15:09	04/07/20 17:18	1
PCB-1242	ND		0.24	0.047	mg/Kg	☼	04/06/20 15:09	04/07/20 17:18	1
PCB-1248	ND		0.24	0.047	mg/Kg	☼	04/06/20 15:09	04/07/20 17:18	1
PCB-1254	ND		0.24	0.11	mg/Kg	☼	04/06/20 15:09	04/07/20 17:18	1
PCB-1260	**0.35**		0.24	0.11	mg/Kg	☼	04/06/20 15:09	04/07/20 17:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*100*		*60 - 154*	*04/06/20 15:09*	*04/07/20 17:18*	*1*
Tetrachloro-m-xylene	*91*		*60 - 154*	*04/06/20 15:09*	*04/07/20 17:18*	*1*
DCB Decachlorobiphenyl	*92*		*65 - 174*	*04/06/20 15:09*	*04/07/20 17:18*	*1*
DCB Decachlorobiphenyl	*107*		*65 - 174*	*04/06/20 15:09*	*04/07/20 17:18*	*1*

Client Sample ID: SB-26 (2-4)

Lab Sample ID: 480-168197-3

Date Collected: 04/01/20 08:50
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 83.4

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.28	0.054	mg/Kg	☼	04/06/20 15:09	04/07/20 17:30	1
PCB-1221	ND		0.28	0.054	mg/Kg	☼	04/06/20 15:09	04/07/20 17:30	1
PCB-1232	ND		0.28	0.054	mg/Kg	☼	04/06/20 15:09	04/07/20 17:30	1
PCB-1242	ND		0.28	0.054	mg/Kg	☼	04/06/20 15:09	04/07/20 17:30	1
PCB-1248	ND		0.28	0.054	mg/Kg	☼	04/06/20 15:09	04/07/20 17:30	1
PCB-1254	ND		0.28	0.13	mg/Kg	☼	04/06/20 15:09	04/07/20 17:30	1
PCB-1260	ND		0.28	0.13	mg/Kg	☼	04/06/20 15:09	04/07/20 17:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*102*		*60 - 154*	*04/06/20 15:09*	*04/07/20 17:30*	*1*
Tetrachloro-m-xylene	*94*		*60 - 154*	*04/06/20 15:09*	*04/07/20 17:30*	*1*

Client Sample ID: SB-26 (2-4)

Lab Sample ID: 480-168197-3

Date Collected: 04/01/20 08:50
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 83.4

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*94*		*65 - 174*	*04/06/20 15:09*	*04/07/20 17:30*	*1*
DCB Decachlorobiphenyl	*109*		*65 - 174*	*04/06/20 15:09*	*04/07/20 17:30*	*1*

Client Sample ID: SB-26 (4-6)

Lab Sample ID: 480-168197-4

Date Collected: 04/01/20 09:25
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 85.9

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:09	04/07/20 17:43	1
PCB-1221	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:09	04/07/20 17:43	1
PCB-1232	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:09	04/07/20 17:43	1
PCB-1242	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:09	04/07/20 17:43	1
PCB-1248	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:09	04/07/20 17:43	1
PCB-1254	ND		0.26	0.12	mg/Kg	☼	04/06/20 15:09	04/07/20 17:43	1
PCB-1260	ND		0.26	0.12	mg/Kg	☼	04/06/20 15:09	04/07/20 17:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*95*		*60 - 154*	*04/06/20 15:09*	*04/07/20 17:43*	*1*
Tetrachloro-m-xylene	*87*		*60 - 154*	*04/06/20 15:09*	*04/07/20 17:43*	*1*
DCB Decachlorobiphenyl	*88*		*65 - 174*	*04/06/20 15:09*	*04/07/20 17:43*	*1*
DCB Decachlorobiphenyl	*105*		*65 - 174*	*04/06/20 15:09*	*04/07/20 17:43*	*1*

Client Sample ID: SB-26-WC

Lab Sample ID: 480-168197-5

Date Collected: 04/01/20 09:30
Matrix: Solid
Date Received: 04/02/20 13:35

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0086**	**J**	0.015	0.0056	mg/L		04/08/20 10:25	04/08/20 17:02	1
Barium	**0.84**	**J**	1.0	0.10	mg/L		04/08/20 10:25	04/08/20 17:02	1
Cadmium	**0.0022**		0.0020	0.00050	mg/L		04/08/20 10:25	04/08/20 17:02	1
Chromium	ND		0.020	0.010	mg/L		04/08/20 10:25	04/08/20 17:02	1
Lead	ND		0.020	0.0030	mg/L		04/08/20 10:25	04/08/20 17:02	1
Selenium	ND		0.025	0.0087	mg/L		04/08/20 10:25	04/08/20 17:02	1
Silver	ND		0.0060	0.0017	mg/L		04/08/20 10:25	04/08/20 17:02	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		04/08/20 11:41	04/08/20 16:20	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>180**		50.0	50.0	Degrees F			04/07/20 01:16	1

Client Sample ID: SB-27 (0-1)

Lab Sample ID: 480-168197-6

Date Collected: 04/01/20 10:05

Matrix: Solid

Date Received: 04/02/20 13:35

Percent Solids: 84.6

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.25	0.049	mg/Kg	☼	04/06/20 15:09	04/07/20 17:56	1
PCB-1221	ND		0.25	0.049	mg/Kg	☼	04/06/20 15:09	04/07/20 17:56	1
PCB-1232	ND		0.25	0.049	mg/Kg	☼	04/06/20 15:09	04/07/20 17:56	1
PCB-1242	ND		0.25	0.049	mg/Kg	☼	04/06/20 15:09	04/07/20 17:56	1
PCB-1248	ND		0.25	0.049	mg/Kg	☼	04/06/20 15:09	04/07/20 17:56	1
PCB-1254	ND		0.25	0.12	mg/Kg	☼	04/06/20 15:09	04/07/20 17:56	1
PCB-1260	**3.3**		0.25	0.12	mg/Kg	☼	04/06/20 15:09	04/07/20 17:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*102*		*60 - 154*	*04/06/20 15:09*	*04/07/20 17:56*	*1*
Tetrachloro-m-xylene	*95*		*60 - 154*	*04/06/20 15:09*	*04/07/20 17:56*	*1*
DCB Decachlorobiphenyl	*90*		*65 - 174*	*04/06/20 15:09*	*04/07/20 17:56*	*1*
DCB Decachlorobiphenyl	*107*		*65 - 174*	*04/06/20 15:09*	*04/07/20 17:56*	*1*

Client Sample ID: SB-27 (1-2)

Lab Sample ID: 480-168197-7

Date Collected: 04/01/20 10:20

Matrix: Solid

Date Received: 04/02/20 13:35

Percent Solids: 83.6

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.27	0.054	mg/Kg	☼	04/06/20 15:09	04/07/20 18:09	1
PCB-1221	ND		0.27	0.054	mg/Kg	☼	04/06/20 15:09	04/07/20 18:09	1
PCB-1232	ND		0.27	0.054	mg/Kg	☼	04/06/20 15:09	04/07/20 18:09	1
PCB-1242	ND		0.27	0.054	mg/Kg	☼	04/06/20 15:09	04/07/20 18:09	1
PCB-1248	ND		0.27	0.054	mg/Kg	☼	04/06/20 15:09	04/07/20 18:09	1
PCB-1254	ND		0.27	0.13	mg/Kg	☼	04/06/20 15:09	04/07/20 18:09	1
PCB-1260	ND		0.27	0.13	mg/Kg	☼	04/06/20 15:09	04/07/20 18:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*99*		*60 - 154*	*04/06/20 15:09*	*04/07/20 18:09*	*1*
Tetrachloro-m-xylene	*88*		*60 - 154*	*04/06/20 15:09*	*04/07/20 18:09*	*1*
DCB Decachlorobiphenyl	*93*		*65 - 174*	*04/06/20 15:09*	*04/07/20 18:09*	*1*
DCB Decachlorobiphenyl	*112*		*65 - 174*	*04/06/20 15:09*	*04/07/20 18:09*	*1*

Client Sample ID: SB-27 (2-4)

Lab Sample ID: 480-168197-8

Date Collected: 04/01/20 10:40

Matrix: Solid

Date Received: 04/02/20 13:35

Percent Solids: 88.3

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:09	04/07/20 16:52	1
PCB-1221	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:09	04/07/20 16:52	1
PCB-1232	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:09	04/07/20 16:52	1
PCB-1242	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:09	04/07/20 16:52	1
PCB-1248	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:09	04/07/20 16:52	1
PCB-1254	ND		0.26	0.12	mg/Kg	☼	04/06/20 15:09	04/07/20 16:52	1
PCB-1260	ND		0.26	0.12	mg/Kg	☼	04/06/20 15:09	04/07/20 16:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*103*		*60 - 154*	*04/06/20 15:09*	*04/07/20 16:52*	*1*
Tetrachloro-m-xylene	*92*		*60 - 154*	*04/06/20 15:09*	*04/07/20 16:52*	*1*

Client Sample ID: SB-27 (2-4)

Lab Sample ID: 480-168197-8

Date Collected: 04/01/20 10:40
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 88.3

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*94*		*65 - 174*	*04/06/20 15:09*	*04/07/20 16:52*	*1*
DCB Decachlorobiphenyl	*111*		*65 - 174*	*04/06/20 15:09*	*04/07/20 16:52*	*1*

Client Sample ID: SB-27 (4-6)

Lab Sample ID: 480-168197-9

Date Collected: 04/01/20 10:55
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 86.0

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.26	0.050	mg/Kg	☼	04/06/20 15:09	04/07/20 18:22	1
PCB-1221	ND		0.26	0.050	mg/Kg	☼	04/06/20 15:09	04/07/20 18:22	1
PCB-1232	ND		0.26	0.050	mg/Kg	☼	04/06/20 15:09	04/07/20 18:22	1
PCB-1242	ND		0.26	0.050	mg/Kg	☼	04/06/20 15:09	04/07/20 18:22	1
PCB-1248	ND		0.26	0.050	mg/Kg	☼	04/06/20 15:09	04/07/20 18:22	1
PCB-1254	ND		0.26	0.12	mg/Kg	☼	04/06/20 15:09	04/07/20 18:22	1
PCB-1260	ND		0.26	0.12	mg/Kg	☼	04/06/20 15:09	04/07/20 18:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*91*		*60 - 154*	*04/06/20 15:09*	*04/07/20 18:22*	*1*
Tetrachloro-m-xylene	*84*		*60 - 154*	*04/06/20 15:09*	*04/07/20 18:22*	*1*
DCB Decachlorobiphenyl	*82*		*65 - 174*	*04/06/20 15:09*	*04/07/20 18:22*	*1*
DCB Decachlorobiphenyl	*97*		*65 - 174*	*04/06/20 15:09*	*04/07/20 18:22*	*1*

Client Sample ID: SB-27-WC

Lab Sample ID: 480-168197-10

Date Collected: 04/01/20 11:00
Matrix: Solid
Date Received: 04/02/20 13:35

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0060**	**J**	0.015	0.0056	mg/L		04/08/20 10:25	04/08/20 17:32	1
Barium	**0.43**	**J**	1.0	0.10	mg/L		04/08/20 10:25	04/08/20 17:32	1
Cadmium	**0.0021**		0.0020	0.00050	mg/L		04/08/20 10:25	04/08/20 17:32	1
Chromium	ND		0.020	0.010	mg/L		04/08/20 10:25	04/08/20 17:32	1
Lead	ND		0.020	0.0030	mg/L		04/08/20 10:25	04/08/20 17:32	1
Selenium	ND		0.025	0.0087	mg/L		04/08/20 10:25	04/08/20 17:32	1
Silver	ND		0.0060	0.0017	mg/L		04/08/20 10:25	04/08/20 17:32	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		04/08/20 11:41	04/08/20 16:29	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>180**		50.0	50.0	Degrees F			04/07/20 01:16	1

Client Sample ID: SB-28 (0-1)

Lab Sample ID: 480-168197-11

Date Collected: 04/01/20 11:05
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 99.7

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.23	0.045	mg/Kg	☼	04/06/20 15:09	04/07/20 18:34	1
PCB-1221	ND		0.23	0.045	mg/Kg	☼	04/06/20 15:09	04/07/20 18:34	1
PCB-1232	ND		0.23	0.045	mg/Kg	☼	04/06/20 15:09	04/07/20 18:34	1
PCB-1242	ND		0.23	0.045	mg/Kg	☼	04/06/20 15:09	04/07/20 18:34	1
PCB-1248	ND		0.23	0.045	mg/Kg	☼	04/06/20 15:09	04/07/20 18:34	1
PCB-1254	ND		0.23	0.11	mg/Kg	☼	04/06/20 15:09	04/07/20 18:34	1
PCB-1260	ND		0.23	0.11	mg/Kg	☼	04/06/20 15:09	04/07/20 18:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*109*		*60 - 154*	*04/06/20 15:09*	*04/07/20 18:34*	*1*
Tetrachloro-m-xylene	*102*		*60 - 154*	*04/06/20 15:09*	*04/07/20 18:34*	*1*
DCB Decachlorobiphenyl	*97*		*65 - 174*	*04/06/20 15:09*	*04/07/20 18:34*	*1*
DCB Decachlorobiphenyl	*120*		*65 - 174*	*04/06/20 15:09*	*04/07/20 18:34*	*1*

Client Sample ID: SB-28 (1-2)

Lab Sample ID: 480-168197-12

Date Collected: 04/01/20 11:15
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 97.1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.23	0.044	mg/Kg	☼	04/06/20 15:14	04/09/20 16:37	1
PCB-1221	ND		0.23	0.044	mg/Kg	☼	04/06/20 15:14	04/09/20 16:37	1
PCB-1232	ND		0.23	0.044	mg/Kg	☼	04/06/20 15:14	04/09/20 16:37	1
PCB-1242	ND		0.23	0.044	mg/Kg	☼	04/06/20 15:14	04/09/20 16:37	1
PCB-1248	ND		0.23	0.044	mg/Kg	☼	04/06/20 15:14	04/09/20 16:37	1
PCB-1254	ND		0.23	0.11	mg/Kg	☼	04/06/20 15:14	04/09/20 16:37	1
PCB-1260	**0.12**	**J**	0.23	0.11	mg/Kg	☼	04/06/20 15:14	04/09/20 16:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*104*		*60 - 154*	*04/06/20 15:14*	*04/09/20 16:37*	*1*
Tetrachloro-m-xylene	*96*		*60 - 154*	*04/06/20 15:14*	*04/09/20 16:37*	*1*
DCB Decachlorobiphenyl	*93*		*65 - 174*	*04/06/20 15:14*	*04/09/20 16:37*	*1*
DCB Decachlorobiphenyl	*108*		*65 - 174*	*04/06/20 15:14*	*04/09/20 16:37*	*1*

Client Sample ID: SB-28 (2-4)

Lab Sample ID: 480-168197-13

Date Collected: 04/01/20 11:30
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 91.6

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.24	0.047	mg/Kg	☼	04/06/20 15:14	04/09/20 16:50	1
PCB-1221	ND		0.24	0.047	mg/Kg	☼	04/06/20 15:14	04/09/20 16:50	1
PCB-1232	ND		0.24	0.047	mg/Kg	☼	04/06/20 15:14	04/09/20 16:50	1
PCB-1242	ND		0.24	0.047	mg/Kg	☼	04/06/20 15:14	04/09/20 16:50	1
PCB-1248	ND		0.24	0.047	mg/Kg	☼	04/06/20 15:14	04/09/20 16:50	1
PCB-1254	ND		0.24	0.11	mg/Kg	☼	04/06/20 15:14	04/09/20 16:50	1
PCB-1260	**0.94**		0.24	0.11	mg/Kg	☼	04/06/20 15:14	04/09/20 16:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*110*		*60 - 154*	*04/06/20 15:14*	*04/09/20 16:50*	*1*
Tetrachloro-m-xylene	*98*		*60 - 154*	*04/06/20 15:14*	*04/09/20 16:50*	*1*

Client Sample ID: SB-28 (2-4)

Lab Sample ID: 480-168197-13

Date Collected: 04/01/20 11:30
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 91.6

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*93*		*65 - 174*	*04/06/20 15:14*	*04/09/20 16:50*	*1*
DCB Decachlorobiphenyl	*111*		*65 - 174*	*04/06/20 15:14*	*04/09/20 16:50*	*1*

Client Sample ID: SB-28 (4-6)

Lab Sample ID: 480-168197-14

Date Collected: 04/01/20 11:45
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 86.7

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:14	04/09/20 17:03	1
PCB-1221	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:14	04/09/20 17:03	1
PCB-1232	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:14	04/09/20 17:03	1
PCB-1242	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:14	04/09/20 17:03	1
PCB-1248	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:14	04/09/20 17:03	1
PCB-1254	ND		0.26	0.12	mg/Kg	☼	04/06/20 15:14	04/09/20 17:03	1
PCB-1260	ND		0.26	0.12	mg/Kg	☼	04/06/20 15:14	04/09/20 17:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*111*		*60 - 154*	*04/06/20 15:14*	*04/09/20 17:03*	*1*
Tetrachloro-m-xylene	*97*		*60 - 154*	*04/06/20 15:14*	*04/09/20 17:03*	*1*
DCB Decachlorobiphenyl	*95*		*65 - 174*	*04/06/20 15:14*	*04/09/20 17:03*	*1*
DCB Decachlorobiphenyl	*112*		*65 - 174*	*04/06/20 15:14*	*04/09/20 17:03*	*1*

Client Sample ID: SB-29 (0-1)

Lab Sample ID: 480-168197-15

Date Collected: 04/01/20 11:55
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 97.5

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		41	7.9	mg/Kg	☼	04/06/20 15:14	04/09/20 21:19	200
PCB-1221	ND		41	7.9	mg/Kg	☼	04/06/20 15:14	04/09/20 21:19	200
PCB-1232	ND		41	7.9	mg/Kg	☼	04/06/20 15:14	04/09/20 21:19	200
PCB-1242	ND		41	7.9	mg/Kg	☼	04/06/20 15:14	04/09/20 21:19	200
PCB-1248	ND		41	7.9	mg/Kg	☼	04/06/20 15:14	04/09/20 21:19	200
PCB-1254	ND		41	19	mg/Kg	☼	04/06/20 15:14	04/09/20 21:19	200
PCB-1260	**730**		41	19	mg/Kg	☼	04/06/20 15:14	04/09/20 21:19	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*169*	*X*	*60 - 154*	*04/06/20 15:14*	*04/09/20 21:19*	*200*
Tetrachloro-m-xylene	*57*	*X*	*60 - 154*	*04/06/20 15:14*	*04/09/20 21:19*	*200*
DCB Decachlorobiphenyl	*0*	*X*	*65 - 174*	*04/06/20 15:14*	*04/09/20 21:19*	*200*
DCB Decachlorobiphenyl	*0*	*X*	*65 - 174*	*04/06/20 15:14*	*04/09/20 21:19*	*200*

Client Sample ID: SB-29 (1-2)

Lab Sample ID: 480-168197-16

Date Collected: 04/01/20 12:15
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 82.9

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		13	2.5	mg/Kg	☼	04/06/20 15:14	04/09/20 21:32	50
PCB-1221	ND		13	2.5	mg/Kg	☼	04/06/20 15:14	04/09/20 21:32	50

Client Sample ID: SB-29 (1-2)

Lab Sample ID: 480-168197-16

Date Collected: 04/01/20 12:15
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 82.9

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	ND		13	2.5	mg/Kg	☼	04/06/20 15:14	04/09/20 21:32	50
PCB-1242	ND		13	2.5	mg/Kg	☼	04/06/20 15:14	04/09/20 21:32	50
PCB-1248	ND		13	2.5	mg/Kg	☼	04/06/20 15:14	04/09/20 21:32	50
PCB-1254	ND		13	5.9	mg/Kg	☼	04/06/20 15:14	04/09/20 21:32	50
PCB-1260	**240**		13	5.9	mg/Kg	☼	04/06/20 15:14	04/09/20 21:32	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*151*		*60 - 154*	*04/06/20 15:14*	*04/09/20 21:32*	*50*
Tetrachloro-m-xylene	*119*		*60 - 154*	*04/06/20 15:14*	*04/09/20 21:32*	*50*
DCB Decachlorobiphenyl	*91*		*65 - 174*	*04/06/20 15:14*	*04/09/20 21:32*	*50*
DCB Decachlorobiphenyl	*469*	*X*	*65 - 174*	*04/06/20 15:14*	*04/09/20 21:32*	*50*

Client Sample ID: SB-29 (2-4)

Lab Sample ID: 480-168197-17

Date Collected: 04/01/20 12:30
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 86.1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:14	04/09/20 17:41	1
PCB-1221	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:14	04/09/20 17:41	1
PCB-1232	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:14	04/09/20 17:41	1
PCB-1242	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:14	04/09/20 17:41	1
PCB-1248	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:14	04/09/20 17:41	1
PCB-1254	ND		0.26	0.12	mg/Kg	☼	04/06/20 15:14	04/09/20 17:41	1
PCB-1260	**5.0**		0.26	0.12	mg/Kg	☼	04/06/20 15:14	04/09/20 17:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*106*		*60 - 154*	*04/06/20 15:14*	*04/09/20 17:41*	*1*
Tetrachloro-m-xylene	*95*		*60 - 154*	*04/06/20 15:14*	*04/09/20 17:41*	*1*
DCB Decachlorobiphenyl	*96*		*65 - 174*	*04/06/20 15:14*	*04/09/20 17:41*	*1*
DCB Decachlorobiphenyl	*116*		*65 - 174*	*04/06/20 15:14*	*04/09/20 17:41*	*1*

Client Sample ID: SB-33 (0-1)

Lab Sample ID: 480-168197-18

Date Collected: 04/01/20 13:40
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 97.0

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		5.1	0.99	mg/Kg	☼	04/06/20 15:14	04/09/20 21:45	20
PCB-1221	ND		5.1	0.99	mg/Kg	☼	04/06/20 15:14	04/09/20 21:45	20
PCB-1232	ND		5.1	0.99	mg/Kg	☼	04/06/20 15:14	04/09/20 21:45	20
PCB-1242	ND		5.1	0.99	mg/Kg	☼	04/06/20 15:14	04/09/20 21:45	20
PCB-1248	ND		5.1	0.99	mg/Kg	☼	04/06/20 15:14	04/09/20 21:45	20
PCB-1254	ND		5.1	2.4	mg/Kg	☼	04/06/20 15:14	04/09/20 21:45	20
PCB-1260	**53**		5.1	2.4	mg/Kg	☼	04/06/20 15:14	04/09/20 21:45	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*143*		*60 - 154*	*04/06/20 15:14*	*04/09/20 21:45*	*20*
Tetrachloro-m-xylene	*133*		*60 - 154*	*04/06/20 15:14*	*04/09/20 21:45*	*20*
DCB Decachlorobiphenyl	*70*		*65 - 174*	*04/06/20 15:14*	*04/09/20 21:45*	*20*
DCB Decachlorobiphenyl	*277*	*X*	*65 - 174*	*04/06/20 15:14*	*04/09/20 21:45*	*20*

Client Sample ID: SB-33 (1-2)

Lab Sample ID: 480-168197-19

Date Collected: 04/01/20 13:55
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 84.6

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:14	04/09/20 18:07	1
PCB-1221	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:14	04/09/20 18:07	1
PCB-1232	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:14	04/09/20 18:07	1
PCB-1242	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:14	04/09/20 18:07	1
PCB-1248	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:14	04/09/20 18:07	1
PCB-1254	ND		0.26	0.12	mg/Kg	☼	04/06/20 15:14	04/09/20 18:07	1
PCB-1260	**1.1**		0.26	0.12	mg/Kg	☼	04/06/20 15:14	04/09/20 18:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*102*		*60 - 154*	*04/06/20 15:14*	*04/09/20 18:07*	*1*
Tetrachloro-m-xylene	*92*		*60 - 154*	*04/06/20 15:14*	*04/09/20 18:07*	*1*
DCB Decachlorobiphenyl	*91*		*65 - 174*	*04/06/20 15:14*	*04/09/20 18:07*	*1*
DCB Decachlorobiphenyl	*108*		*65 - 174*	*04/06/20 15:14*	*04/09/20 18:07*	*1*

Client Sample ID: SB-33 (2-4)

Lab Sample ID: 480-168197-20

Date Collected: 04/01/20 14:15
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 84.5

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.2	0.23	mg/Kg	☼	04/06/20 15:14	04/09/20 21:58	5
PCB-1221	ND		1.2	0.23	mg/Kg	☼	04/06/20 15:14	04/09/20 21:58	5
PCB-1232	ND		1.2	0.23	mg/Kg	☼	04/06/20 15:14	04/09/20 21:58	5
PCB-1242	ND		1.2	0.23	mg/Kg	☼	04/06/20 15:14	04/09/20 21:58	5
PCB-1248	ND		1.2	0.23	mg/Kg	☼	04/06/20 15:14	04/09/20 21:58	5
PCB-1254	ND		1.2	0.55	mg/Kg	☼	04/06/20 15:14	04/09/20 21:58	5
PCB-1260	**19**		1.2	0.55	mg/Kg	☼	04/06/20 15:14	04/09/20 21:58	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*135*		*60 - 154*	*04/06/20 15:14*	*04/09/20 21:58*	*5*
Tetrachloro-m-xylene	*121*		*60 - 154*	*04/06/20 15:14*	*04/09/20 21:58*	*5*
DCB Decachlorobiphenyl	*114*		*65 - 174*	*04/06/20 15:14*	*04/09/20 21:58*	*5*
DCB Decachlorobiphenyl	*179*	*X*	*65 - 174*	*04/06/20 15:14*	*04/09/20 21:58*	*5*

Client Sample ID: SB-29-WC

Lab Sample ID: 480-168197-21

Date Collected: 04/01/20 12:35
Matrix: Solid
Date Received: 04/02/20 13:35

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0062**	**J**	0.015	0.0056	mg/L		04/08/20 10:25	04/08/20 17:36	1
Barium	**0.61**	**J**	1.0	0.10	mg/L		04/08/20 10:25	04/08/20 17:36	1
Cadmium	**0.0015**	**J**	0.0020	0.00050	mg/L		04/08/20 10:25	04/08/20 17:36	1
Chromium	ND		0.020	0.010	mg/L		04/08/20 10:25	04/08/20 17:36	1
Lead	**0.0043**	**J**	0.020	0.0030	mg/L		04/08/20 10:25	04/08/20 17:36	1
Selenium	ND		0.025	0.0087	mg/L		04/08/20 10:25	04/08/20 17:36	1
Silver	ND		0.0060	0.0017	mg/L		04/08/20 10:25	04/08/20 17:36	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		04/08/20 11:41	04/08/20 16:31	1

Client Sample ID: SB-29-WC

Lab Sample ID: 480-168197-21

Date Collected: 04/01/20 12:35

Matrix: Solid

Date Received: 04/02/20 13:35

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>180**		50.0	50.0	Degrees F			04/07/20 01:16	1

Client Sample ID: SB-33-WC

Lab Sample ID: 480-168197-22

Date Collected: 04/01/20 14:20

Matrix: Solid

Date Received: 04/02/20 13:35

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.010**	**J**	0.015	0.0056	mg/L		04/08/20 10:25	04/08/20 17:40	1
Barium	**0.40**	**J**	1.0	0.10	mg/L		04/08/20 10:25	04/08/20 17:40	1
Cadmium	**0.00070**	**J**	0.0020	0.00050	mg/L		04/08/20 10:25	04/08/20 17:40	1
Chromium	ND		0.020	0.010	mg/L		04/08/20 10:25	04/08/20 17:40	1
Lead	ND		0.020	0.0030	mg/L		04/08/20 10:25	04/08/20 17:40	1
Selenium	ND		0.025	0.0087	mg/L		04/08/20 10:25	04/08/20 17:40	1
Silver	ND		0.0060	0.0017	mg/L		04/08/20 10:25	04/08/20 17:40	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		04/08/20 11:41	04/08/20 16:32	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>180**		50.0	50.0	Degrees F			04/07/20 01:16	1

Client Sample ID: SB-34 (0-1)

Lab Sample ID: 480-168197-23

Date Collected: 04/01/20 14:55

Matrix: Solid

Date Received: 04/02/20 13:35

Percent Solids: 97.3

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.19	0.038	mg/Kg	☼	04/06/20 15:14	04/09/20 18:33	1
PCB-1221	ND		0.19	0.038	mg/Kg	☼	04/06/20 15:14	04/09/20 18:33	1
PCB-1232	ND		0.19	0.038	mg/Kg	☼	04/06/20 15:14	04/09/20 18:33	1
PCB-1242	ND		0.19	0.038	mg/Kg	☼	04/06/20 15:14	04/09/20 18:33	1
PCB-1248	ND		0.19	0.038	mg/Kg	☼	04/06/20 15:14	04/09/20 18:33	1
PCB-1254	ND		0.19	0.091	mg/Kg	☼	04/06/20 15:14	04/09/20 18:33	1
PCB-1260	**6.1**	**E**	0.19	0.091	mg/Kg	☼	04/06/20 15:14	04/09/20 18:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*111*		*60 - 154*	*04/06/20 15:14*	*04/09/20 18:33*	*1*
Tetrachloro-m-xylene	*103*		*60 - 154*	*04/06/20 15:14*	*04/09/20 18:33*	*1*
DCB Decachlorobiphenyl	*97*		*65 - 174*	*04/06/20 15:14*	*04/09/20 18:33*	*1*
DCB Decachlorobiphenyl	*119*		*65 - 174*	*04/06/20 15:14*	*04/09/20 18:33*	*1*

Client Sample ID: SB-34 -WC

Lab Sample ID: 480-168197-24

Date Collected: 04/01/20 14:50

Matrix: Solid

Date Received: 04/02/20 13:35

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		04/08/20 10:25	04/08/20 17:44	1
Barium	**0.12**	**J**	1.0	0.10	mg/L		04/08/20 10:25	04/08/20 17:44	1

Client Sample ID: SB-34 -WC

Lab Sample ID: 480-168197-24

Date Collected: 04/01/20 14:50

Matrix: Solid

Date Received: 04/02/20 13:35

Method: 6010C - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	**0.0018**	**J**	0.0020	0.00050	mg/L		04/08/20 10:25	04/08/20 17:44	1
Chromium	ND		0.020	0.010	mg/L		04/08/20 10:25	04/08/20 17:44	1
Lead	ND		0.020	0.0030	mg/L		04/08/20 10:25	04/08/20 17:44	1
Selenium	ND		0.025	0.0087	mg/L		04/08/20 10:25	04/08/20 17:44	1
Silver	ND		0.0060	0.0017	mg/L		04/08/20 10:25	04/08/20 17:44	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		04/08/20 11:41	04/08/20 16:34	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>180**		50.0	50.0	Degrees F			04/07/20 01:16	1

Client Sample ID: SB-35 (0-1)

Lab Sample ID: 480-168197-25

Date Collected: 04/01/20 15:15

Matrix: Solid

Date Received: 04/02/20 13:35

Percent Solids: 94.9

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		12	2.3	mg/Kg	☼	04/06/20 15:14	04/09/20 22:11	50
PCB-1221	ND		12	2.3	mg/Kg	☼	04/06/20 15:14	04/09/20 22:11	50
PCB-1232	ND		12	2.3	mg/Kg	☼	04/06/20 15:14	04/09/20 22:11	50
PCB-1242	ND		12	2.3	mg/Kg	☼	04/06/20 15:14	04/09/20 22:11	50
PCB-1248	ND		12	2.3	mg/Kg	☼	04/06/20 15:14	04/09/20 22:11	50
PCB-1254	ND		12	5.6	mg/Kg	☼	04/06/20 15:14	04/09/20 22:11	50
PCB-1260	**140**		12	5.6	mg/Kg	☼	04/06/20 15:14	04/09/20 22:11	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*144*		*60 - 154*	*04/06/20 15:14*	*04/09/20 22:11*	*50*
Tetrachloro-m-xylene	*134*		*60 - 154*	*04/06/20 15:14*	*04/09/20 22:11*	*50*
DCB Decachlorobiphenyl	*0*	*X*	*65 - 174*	*04/06/20 15:14*	*04/09/20 22:11*	*50*
DCB Decachlorobiphenyl	*0*	*X*	*65 - 174*	*04/06/20 15:14*	*04/09/20 22:11*	*50*

Client Sample ID: DUP-040120-01

Lab Sample ID: 480-168197-26

Date Collected: 04/01/20 00:00

Matrix: Solid

Date Received: 04/02/20 13:35

Percent Solids: 83.0

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.23	0.045	mg/Kg	☼	04/06/20 15:14	04/09/20 18:58	1
PCB-1221	ND		0.23	0.045	mg/Kg	☼	04/06/20 15:14	04/09/20 18:58	1
PCB-1232	ND		0.23	0.045	mg/Kg	☼	04/06/20 15:14	04/09/20 18:58	1
PCB-1242	ND		0.23	0.045	mg/Kg	☼	04/06/20 15:14	04/09/20 18:58	1
PCB-1248	ND		0.23	0.045	mg/Kg	☼	04/06/20 15:14	04/09/20 18:58	1
PCB-1254	ND		0.23	0.11	mg/Kg	☼	04/06/20 15:14	04/09/20 18:58	1
PCB-1260	**0.53**		0.23	0.11	mg/Kg	☼	04/06/20 15:14	04/09/20 18:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*112*		*60 - 154*	*04/06/20 15:14*	*04/09/20 18:58*	*1*
Tetrachloro-m-xylene	*99*		*60 - 154*	*04/06/20 15:14*	*04/09/20 18:58*	*1*

Client Sample ID: DUP-040120-01

Lab Sample ID: 480-168197-26

Date Collected: 04/01/20 00:00
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 83.0

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	96		65 - 174	04/06/20 15:14	04/09/20 18:58	1
DCB Decachlorobiphenyl	117		65 - 174	04/06/20 15:14	04/09/20 18:58	1

Client Sample ID: DUP-040120-02

Lab Sample ID: 480-168197-27

Date Collected: 04/01/20 00:00
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 93.5

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.22	0.043	mg/Kg	☼	04/06/20 15:14	04/09/20 19:11	1
PCB-1221	ND		0.22	0.043	mg/Kg	☼	04/06/20 15:14	04/09/20 19:11	1
PCB-1232	ND		0.22	0.043	mg/Kg	☼	04/06/20 15:14	04/09/20 19:11	1
PCB-1242	ND		0.22	0.043	mg/Kg	☼	04/06/20 15:14	04/09/20 19:11	1
PCB-1248	ND		0.22	0.043	mg/Kg	☼	04/06/20 15:14	04/09/20 19:11	1
PCB-1254	ND		0.22	0.10	mg/Kg	☼	04/06/20 15:14	04/09/20 19:11	1
PCB-1260	**0.77**		0.22	0.10	mg/Kg	☼	04/06/20 15:14	04/09/20 19:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	118		60 - 154	04/06/20 15:14	04/09/20 19:11	1
Tetrachloro-m-xylene	99		60 - 154	04/06/20 15:14	04/09/20 19:11	1
DCB Decachlorobiphenyl	102		65 - 174	04/06/20 15:14	04/09/20 19:11	1
DCB Decachlorobiphenyl	122		65 - 174	04/06/20 15:14	04/09/20 19:11	1

Client Sample ID: SB-30 (4-6)

Lab Sample ID: 480-168197-28

Date Collected: 04/02/20 07:45
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 94.0

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.21	0.041	mg/Kg	☼	04/06/20 15:14	04/09/20 19:24	1
PCB-1221	ND		0.21	0.041	mg/Kg	☼	04/06/20 15:14	04/09/20 19:24	1
PCB-1232	ND		0.21	0.041	mg/Kg	☼	04/06/20 15:14	04/09/20 19:24	1
PCB-1242	ND		0.21	0.041	mg/Kg	☼	04/06/20 15:14	04/09/20 19:24	1
PCB-1248	ND		0.21	0.041	mg/Kg	☼	04/06/20 15:14	04/09/20 19:24	1
PCB-1254	ND		0.21	0.097	mg/Kg	☼	04/06/20 15:14	04/09/20 19:24	1
PCB-1260	ND		0.21	0.097	mg/Kg	☼	04/06/20 15:14	04/09/20 19:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	107		60 - 154	04/06/20 15:14	04/09/20 19:24	1
Tetrachloro-m-xylene	94		60 - 154	04/06/20 15:14	04/09/20 19:24	1
DCB Decachlorobiphenyl	93		65 - 174	04/06/20 15:14	04/09/20 19:24	1
DCB Decachlorobiphenyl	111		65 - 174	04/06/20 15:14	04/09/20 19:24	1

Client Sample ID: SB-30 (6-8)

Lab Sample ID: 480-168197-29

Date Collected: 04/02/20 07:50
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 85.7

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.24	0.047	mg/Kg	☼	04/06/20 15:14	04/09/20 19:37	1
PCB-1221	ND		0.24	0.047	mg/Kg	☼	04/06/20 15:14	04/09/20 19:37	1

Client Sample ID: SB-30 (6-8)

Lab Sample ID: 480-168197-29

Date Collected: 04/02/20 07:50
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 85.7

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	ND		0.24	0.047	mg/Kg	☼	04/06/20 15:14	04/09/20 19:37	1
PCB-1242	ND		0.24	0.047	mg/Kg	☼	04/06/20 15:14	04/09/20 19:37	1
PCB-1248	ND		0.24	0.047	mg/Kg	☼	04/06/20 15:14	04/09/20 19:37	1
PCB-1254	ND		0.24	0.11	mg/Kg	☼	04/06/20 15:14	04/09/20 19:37	1
PCB-1260	ND		0.24	0.11	mg/Kg	☼	04/06/20 15:14	04/09/20 19:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*112*		*60 - 154*	*04/06/20 15:14*	*04/09/20 19:37*	*1*
Tetrachloro-m-xylene	*99*		*60 - 154*	*04/06/20 15:14*	*04/09/20 19:37*	*1*
DCB Decachlorobiphenyl	*101*		*65 - 174*	*04/06/20 15:14*	*04/09/20 19:37*	*1*
DCB Decachlorobiphenyl	*122*		*65 - 174*	*04/06/20 15:14*	*04/09/20 19:37*	*1*

Client Sample ID: SB-30 (8-10)

Lab Sample ID: 480-168197-30

Date Collected: 04/02/20 08:00
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 85.1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.21	0.041	mg/Kg	☼	04/06/20 15:14	04/09/20 20:15	1
PCB-1221	ND		0.21	0.041	mg/Kg	☼	04/06/20 15:14	04/09/20 20:15	1
PCB-1232	ND		0.21	0.041	mg/Kg	☼	04/06/20 15:14	04/09/20 20:15	1
PCB-1242	ND		0.21	0.041	mg/Kg	☼	04/06/20 15:14	04/09/20 20:15	1
PCB-1248	ND		0.21	0.041	mg/Kg	☼	04/06/20 15:14	04/09/20 20:15	1
PCB-1254	ND		0.21	0.099	mg/Kg	☼	04/06/20 15:14	04/09/20 20:15	1
PCB-1260	ND		0.21	0.099	mg/Kg	☼	04/06/20 15:14	04/09/20 20:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*120*		*60 - 154*	*04/06/20 15:14*	*04/09/20 20:15*	*1*
Tetrachloro-m-xylene	*105*		*60 - 154*	*04/06/20 15:14*	*04/09/20 20:15*	*1*
DCB Decachlorobiphenyl	*110*		*65 - 174*	*04/06/20 15:14*	*04/09/20 20:15*	*1*
DCB Decachlorobiphenyl	*130*		*65 - 174*	*04/06/20 15:14*	*04/09/20 20:15*	*1*

Client Sample ID: SB-32 (0-1)

Lab Sample ID: 480-168197-31

Date Collected: 04/02/20 08:45
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 77.2

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:14	04/09/20 20:28	1
PCB-1221	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:14	04/09/20 20:28	1
PCB-1232	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:14	04/09/20 20:28	1
PCB-1242	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:14	04/09/20 20:28	1
PCB-1248	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:14	04/09/20 20:28	1
PCB-1254	ND		0.26	0.12	mg/Kg	☼	04/06/20 15:14	04/09/20 20:28	1
PCB-1260	**0.14**	**J**	0.26	0.12	mg/Kg	☼	04/06/20 15:14	04/09/20 20:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*90*		*60 - 154*	*04/06/20 15:14*	*04/09/20 20:28*	*1*
Tetrachloro-m-xylene	*87*		*60 - 154*	*04/06/20 15:14*	*04/09/20 20:28*	*1*
DCB Decachlorobiphenyl	*95*		*65 - 174*	*04/06/20 15:14*	*04/09/20 20:28*	*1*
DCB Decachlorobiphenyl	*118*		*65 - 174*	*04/06/20 15:14*	*04/09/20 20:28*	*1*

Client Sample ID: SB-32 (1-2)

Lab Sample ID: 480-168197-32

Date Collected: 04/02/20 09:00
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 79.4

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.25	0.049	mg/Kg	☼	04/06/20 15:14	04/09/20 20:41	1
PCB-1221	ND		0.25	0.049	mg/Kg	☼	04/06/20 15:14	04/09/20 20:41	1
PCB-1232	ND		0.25	0.049	mg/Kg	☼	04/06/20 15:14	04/09/20 20:41	1
PCB-1242	ND		0.25	0.049	mg/Kg	☼	04/06/20 15:14	04/09/20 20:41	1
PCB-1248	ND		0.25	0.049	mg/Kg	☼	04/06/20 15:14	04/09/20 20:41	1
PCB-1254	ND		0.25	0.12	mg/Kg	☼	04/06/20 15:14	04/09/20 20:41	1
PCB-1260	ND		0.25	0.12	mg/Kg	☼	04/06/20 15:14	04/09/20 20:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*108*		*60 - 154*	*04/06/20 15:14*	*04/09/20 20:41*	*1*
Tetrachloro-m-xylene	*98*		*60 - 154*	*04/06/20 15:14*	*04/09/20 20:41*	*1*
DCB Decachlorobiphenyl	*100*		*65 - 174*	*04/06/20 15:14*	*04/09/20 20:41*	*1*
DCB Decachlorobiphenyl	*122*		*65 - 174*	*04/06/20 15:14*	*04/09/20 20:41*	*1*

Client Sample ID: SB-32 (2-4)

Lab Sample ID: 480-168197-33

Date Collected: 04/02/20 09:20
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 84.6

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.24	0.047	mg/Kg	☼	04/06/20 15:14	04/09/20 20:54	1
PCB-1221	ND		0.24	0.047	mg/Kg	☼	04/06/20 15:14	04/09/20 20:54	1
PCB-1232	ND		0.24	0.047	mg/Kg	☼	04/06/20 15:14	04/09/20 20:54	1
PCB-1242	ND		0.24	0.047	mg/Kg	☼	04/06/20 15:14	04/09/20 20:54	1
PCB-1248	ND		0.24	0.047	mg/Kg	☼	04/06/20 15:14	04/09/20 20:54	1
PCB-1254	ND		0.24	0.11	mg/Kg	☼	04/06/20 15:14	04/09/20 20:54	1
PCB-1260	ND		0.24	0.11	mg/Kg	☼	04/06/20 15:14	04/09/20 20:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*110*		*60 - 154*	*04/06/20 15:14*	*04/09/20 20:54*	*1*
Tetrachloro-m-xylene	*102*		*60 - 154*	*04/06/20 15:14*	*04/09/20 20:54*	*1*
DCB Decachlorobiphenyl	*103*		*65 - 174*	*04/06/20 15:14*	*04/09/20 20:54*	*1*
DCB Decachlorobiphenyl	*128*		*65 - 174*	*04/06/20 15:14*	*04/09/20 20:54*	*1*

Client Sample ID: SB-32 (4-6)

Lab Sample ID: 480-168197-34

Date Collected: 04/02/20 09:35
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 83.7

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.28	0.054	mg/Kg	☼	04/06/20 15:14	04/09/20 21:07	1
PCB-1221	ND		0.28	0.054	mg/Kg	☼	04/06/20 15:14	04/09/20 21:07	1
PCB-1232	ND		0.28	0.054	mg/Kg	☼	04/06/20 15:14	04/09/20 21:07	1
PCB-1242	ND		0.28	0.054	mg/Kg	☼	04/06/20 15:14	04/09/20 21:07	1
PCB-1248	ND		0.28	0.054	mg/Kg	☼	04/06/20 15:14	04/09/20 21:07	1
PCB-1254	ND		0.28	0.13	mg/Kg	☼	04/06/20 15:14	04/09/20 21:07	1
PCB-1260	ND		0.28	0.13	mg/Kg	☼	04/06/20 15:14	04/09/20 21:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*116*		*60 - 154*	*04/06/20 15:14*	*04/09/20 21:07*	*1*
Tetrachloro-m-xylene	*102*		*60 - 154*	*04/06/20 15:14*	*04/09/20 21:07*	*1*

Client Sample ID: SB-32 (4-6)

Lab Sample ID: 480-168197-34

Date Collected: 04/02/20 09:35
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 83.7

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*101*		*65 - 174*	*04/06/20 15:14*	*04/09/20 21:07*	*1*
DCB Decachlorobiphenyl	*122*		*65 - 174*	*04/06/20 15:14*	*04/09/20 21:07*	*1*

Client Sample ID: SB-32 (6-8)

Lab Sample ID: 480-168197-35

Date Collected: 04/02/20 09:40
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 85.3

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.27	0.054	mg/Kg	☼	04/06/20 15:09	04/07/20 19:00	1
PCB-1221	ND		0.27	0.054	mg/Kg	☼	04/06/20 15:09	04/07/20 19:00	1
PCB-1232	ND		0.27	0.054	mg/Kg	☼	04/06/20 15:09	04/07/20 19:00	1
PCB-1242	ND		0.27	0.054	mg/Kg	☼	04/06/20 15:09	04/07/20 19:00	1
PCB-1248	ND		0.27	0.054	mg/Kg	☼	04/06/20 15:09	04/07/20 19:00	1
PCB-1254	ND		0.27	0.13	mg/Kg	☼	04/06/20 15:09	04/07/20 19:00	1
PCB-1260	ND		0.27	0.13	mg/Kg	☼	04/06/20 15:09	04/07/20 19:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*100*		*60 - 154*	*04/06/20 15:09*	*04/07/20 19:00*	*1*
Tetrachloro-m-xylene	*93*		*60 - 154*	*04/06/20 15:09*	*04/07/20 19:00*	*1*
DCB Decachlorobiphenyl	*89*		*65 - 174*	*04/06/20 15:09*	*04/07/20 19:00*	*1*
DCB Decachlorobiphenyl	*106*		*65 - 174*	*04/06/20 15:09*	*04/07/20 19:00*	*1*

Client Sample ID: SB-31 (0-1)

Lab Sample ID: 480-168197-36

Date Collected: 04/02/20 10:40
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 82.7

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.23	0.045	mg/Kg	☼	04/06/20 15:09	04/07/20 19:13	1
PCB-1221	ND		0.23	0.045	mg/Kg	☼	04/06/20 15:09	04/07/20 19:13	1
PCB-1232	ND		0.23	0.045	mg/Kg	☼	04/06/20 15:09	04/07/20 19:13	1
PCB-1242	ND		0.23	0.045	mg/Kg	☼	04/06/20 15:09	04/07/20 19:13	1
PCB-1248	ND		0.23	0.045	mg/Kg	☼	04/06/20 15:09	04/07/20 19:13	1
PCB-1254	ND		0.23	0.11	mg/Kg	☼	04/06/20 15:09	04/07/20 19:13	1
PCB-1260	**3.7**		0.23	0.11	mg/Kg	☼	04/06/20 15:09	04/07/20 19:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*69*		*60 - 154*	*04/06/20 15:09*	*04/07/20 19:13*	*1*
Tetrachloro-m-xylene	*70*		*60 - 154*	*04/06/20 15:09*	*04/07/20 19:13*	*1*
DCB Decachlorobiphenyl	*62*	*X*	*65 - 174*	*04/06/20 15:09*	*04/07/20 19:13*	*1*
DCB Decachlorobiphenyl	*95*		*65 - 174*	*04/06/20 15:09*	*04/07/20 19:13*	*1*

Client Sample ID: SB-31 (1-2)

Lab Sample ID: 480-168197-37

Date Collected: 04/02/20 10:55
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 80.8

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.21	0.042	mg/Kg	☼	04/06/20 15:09	04/07/20 19:51	1
PCB-1221	ND		0.21	0.042	mg/Kg	☼	04/06/20 15:09	04/07/20 19:51	1

Client Sample ID: SB-31 (1-2)

Lab Sample ID: 480-168197-37

Date Collected: 04/02/20 10:55
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 80.8

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	ND		0.21	0.042	mg/Kg	☼	04/06/20 15:09	04/07/20 19:51	1
PCB-1242	ND		0.21	0.042	mg/Kg	☼	04/06/20 15:09	04/07/20 19:51	1
PCB-1248	ND		0.21	0.042	mg/Kg	☼	04/06/20 15:09	04/07/20 19:51	1
PCB-1254	ND		0.21	0.10	mg/Kg	☼	04/06/20 15:09	04/07/20 19:51	1
PCB-1260	ND		0.21	0.10	mg/Kg	☼	04/06/20 15:09	04/07/20 19:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*90*		*60 - 154*	*04/06/20 15:09*	*04/07/20 19:51*	*1*
Tetrachloro-m-xylene	*84*		*60 - 154*	*04/06/20 15:09*	*04/07/20 19:51*	*1*
DCB Decachlorobiphenyl	*90*		*65 - 174*	*04/06/20 15:09*	*04/07/20 19:51*	*1*
DCB Decachlorobiphenyl	*103*		*65 - 174*	*04/06/20 15:09*	*04/07/20 19:51*	*1*

Client Sample ID: SB-31 (2-4)

Lab Sample ID: 480-168197-38

Date Collected: 04/02/20 11:30
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 85.4

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.25	0.049	mg/Kg	☼	04/06/20 15:09	04/07/20 20:04	1
PCB-1221	ND		0.25	0.049	mg/Kg	☼	04/06/20 15:09	04/07/20 20:04	1
PCB-1232	ND		0.25	0.049	mg/Kg	☼	04/06/20 15:09	04/07/20 20:04	1
PCB-1242	ND		0.25	0.049	mg/Kg	☼	04/06/20 15:09	04/07/20 20:04	1
PCB-1248	ND		0.25	0.049	mg/Kg	☼	04/06/20 15:09	04/07/20 20:04	1
PCB-1254	ND		0.25	0.12	mg/Kg	☼	04/06/20 15:09	04/07/20 20:04	1
PCB-1260	ND		0.25	0.12	mg/Kg	☼	04/06/20 15:09	04/07/20 20:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*101*		*60 - 154*	*04/06/20 15:09*	*04/07/20 20:04*	*1*
Tetrachloro-m-xylene	*91*		*60 - 154*	*04/06/20 15:09*	*04/07/20 20:04*	*1*
DCB Decachlorobiphenyl	*96*		*65 - 174*	*04/06/20 15:09*	*04/07/20 20:04*	*1*
DCB Decachlorobiphenyl	*112*		*65 - 174*	*04/06/20 15:09*	*04/07/20 20:04*	*1*

Client Sample ID: SB-31 (4-6)

Lab Sample ID: 480-168197-39

Date Collected: 04/02/20 11:45
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 85.8

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.24	0.048	mg/Kg	☼	04/06/20 15:09	04/07/20 20:17	1
PCB-1221	ND		0.24	0.048	mg/Kg	☼	04/06/20 15:09	04/07/20 20:17	1
PCB-1232	ND		0.24	0.048	mg/Kg	☼	04/06/20 15:09	04/07/20 20:17	1
PCB-1242	ND		0.24	0.048	mg/Kg	☼	04/06/20 15:09	04/07/20 20:17	1
PCB-1248	ND		0.24	0.048	mg/Kg	☼	04/06/20 15:09	04/07/20 20:17	1
PCB-1254	ND		0.24	0.11	mg/Kg	☼	04/06/20 15:09	04/07/20 20:17	1
PCB-1260	ND		0.24	0.11	mg/Kg	☼	04/06/20 15:09	04/07/20 20:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*109*		*60 - 154*	*04/06/20 15:09*	*04/07/20 20:17*	*1*
Tetrachloro-m-xylene	*100*		*60 - 154*	*04/06/20 15:09*	*04/07/20 20:17*	*1*
DCB Decachlorobiphenyl	*100*		*65 - 174*	*04/06/20 15:09*	*04/07/20 20:17*	*1*
DCB Decachlorobiphenyl	*116*		*65 - 174*	*04/06/20 15:09*	*04/07/20 20:17*	*1*

Client Sample ID: SB-31 (6-8)

Lab Sample ID: 480-168197-40

Date Collected: 04/02/20 12:05
Date Received: 04/02/20 13:35

Matrix: Solid
Percent Solids: 86.2

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.26	0.050	mg/Kg	☼	04/06/20 15:09	04/07/20 20:30	1
PCB-1221	ND		0.26	0.050	mg/Kg	☼	04/06/20 15:09	04/07/20 20:30	1
PCB-1232	ND		0.26	0.050	mg/Kg	☼	04/06/20 15:09	04/07/20 20:30	1
PCB-1242	ND		0.26	0.050	mg/Kg	☼	04/06/20 15:09	04/07/20 20:30	1
PCB-1248	ND		0.26	0.050	mg/Kg	☼	04/06/20 15:09	04/07/20 20:30	1
PCB-1254	ND		0.26	0.12	mg/Kg	☼	04/06/20 15:09	04/07/20 20:30	1
PCB-1260	ND		0.26	0.12	mg/Kg	☼	04/06/20 15:09	04/07/20 20:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*106*		*60 - 154*	*04/06/20 15:09*	*04/07/20 20:30*	*1*
Tetrachloro-m-xylene	*96*		*60 - 154*	*04/06/20 15:09*	*04/07/20 20:30*	*1*
DCB Decachlorobiphenyl	*105*		*65 - 174*	*04/06/20 15:09*	*04/07/20 20:30*	*1*
DCB Decachlorobiphenyl	*122*		*65 - 174*	*04/06/20 15:09*	*04/07/20 20:30*	*1*

Client Sample ID: SB-31-WC

Lab Sample ID: 480-168197-41

Date Collected: 04/02/20 12:10
Date Received: 04/02/20 13:35

Matrix: Solid

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0073**	**J**	0.015	0.0056	mg/L		04/08/20 10:25	04/08/20 17:48	1
Barium	**1.2**		1.0	0.10	mg/L		04/08/20 10:25	04/08/20 17:48	1
Cadmium	**0.0014**	**J**	0.0020	0.00050	mg/L		04/08/20 10:25	04/08/20 17:48	1
Chromium	ND		0.020	0.010	mg/L		04/08/20 10:25	04/08/20 17:48	1
Lead	**0.018**	**J**	0.020	0.0030	mg/L		04/08/20 10:25	04/08/20 17:48	1
Selenium	ND		0.025	0.0087	mg/L		04/08/20 10:25	04/08/20 17:48	1
Silver	ND		0.0060	0.0017	mg/L		04/08/20 10:25	04/08/20 17:48	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		04/08/20 11:41	04/08/20 16:35	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>180**		50.0	50.0	Degrees F			04/07/20 01:16	1

Client Sample ID: FB-040120

Lab Sample ID: 480-168197-42

Date Collected: 04/01/20 17:00
Date Received: 04/02/20 13:35

Matrix: Water

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/07/20 15:28	04/09/20 03:29	1
PCB-1221	ND		0.50	0.18	ug/L		04/07/20 15:28	04/09/20 03:29	1
PCB-1232	ND		0.50	0.18	ug/L		04/07/20 15:28	04/09/20 03:29	1
PCB-1242	ND		0.50	0.18	ug/L		04/07/20 15:28	04/09/20 03:29	1
PCB-1248	ND		0.50	0.18	ug/L		04/07/20 15:28	04/09/20 03:29	1
PCB-1254	ND		0.50	0.25	ug/L		04/07/20 15:28	04/09/20 03:29	1
PCB-1260	ND		0.50	0.25	ug/L		04/07/20 15:28	04/09/20 03:29	1

Client Sample ID: FB-040120

Lab Sample ID: 480-168197-42

Date Collected: 04/01/20 17:00

Matrix: Water

Date Received: 04/02/20 13:35

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	106		39 - 121	04/07/20 15:28	04/09/20 03:29	1
Tetrachloro-m-xylene	91		39 - 121	04/07/20 15:28	04/09/20 03:29	1
DCB Decachlorobiphenyl	53		19 - 120	04/07/20 15:28	04/09/20 03:29	1
DCB Decachlorobiphenyl	62		19 - 120	04/07/20 15:28	04/09/20 03:29	1

Client Sample ID: FB-040220

Lab Sample ID: 480-168197-43

Date Collected: 04/02/20 12:50

Matrix: Water

Date Received: 04/02/20 13:35

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/07/20 15:28	04/09/20 03:42	1
PCB-1221	ND		0.50	0.18	ug/L		04/07/20 15:28	04/09/20 03:42	1
PCB-1232	ND		0.50	0.18	ug/L		04/07/20 15:28	04/09/20 03:42	1
PCB-1242	ND		0.50	0.18	ug/L		04/07/20 15:28	04/09/20 03:42	1
PCB-1248	ND		0.50	0.18	ug/L		04/07/20 15:28	04/09/20 03:42	1
PCB-1254	ND		0.50	0.25	ug/L		04/07/20 15:28	04/09/20 03:42	1
PCB-1260	ND		0.50	0.25	ug/L		04/07/20 15:28	04/09/20 03:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	119		39 - 121	04/07/20 15:28	04/09/20 03:42	1
Tetrachloro-m-xylene	100		39 - 121	04/07/20 15:28	04/09/20 03:42	1
DCB Decachlorobiphenyl	55		19 - 120	04/07/20 15:28	04/09/20 03:42	1
DCB Decachlorobiphenyl	64		19 - 120	04/07/20 15:28	04/09/20 03:42	1

Surrogate Summary

Client: ARCADIS U.S. Inc
Project/Site: GE - Tonawanda

Job ID: 480-168197-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		TCX1	TCX2	DCBP1	DCBP2
Lab Sample ID	Client Sample ID	(60-154)	(60-154)	(65-174)	(65-174)
480-168197-1	SB-26 (0-1)	82	88	94	78
480-168197-2	SB-26 (1-2)	91	100	107	92
480-168197-3	SB-26 (2-4)	94	102	109	94
480-168197-4	SB-26 (4-6)	87	95	105	88
480-168197-6	SB-27 (0-1)	95	102	107	90
480-168197-7	SB-27 (1-2)	88	99	112	93
480-168197-8	SB-27 (2-4)	92	103	111	94
480-168197-8 MS	SB-27 (2-4)	93	100	106	90
480-168197-8 MSD	SB-27 (2-4)	100	115	122	104
480-168197-9	SB-27 (4-6)	84	91	97	82
480-168197-11	SB-28 (0-1)	102	109	120	97
480-168197-12	SB-28 (1-2)	96	104	108	93
480-168197-12 MS	SB-28 (1-2)	97	112	113	96
480-168197-12 MSD	SB-28 (1-2)	109	120	126	106
480-168197-13	SB-28 (2-4)	98	110	111	93
480-168197-14	SB-28 (4-6)	97	111	112	95
480-168197-15	SB-29 (0-1)	57 X	169 X	0 X	0 X
480-168197-16	SB-29 (1-2)	119	151	469 X	91
480-168197-17	SB-29 (2-4)	95	106	116	96
480-168197-18	SB-33 (0-1)	133	143	277 X	70
480-168197-19	SB-33 (1-2)	92	102	108	91
480-168197-20	SB-33 (2-4)	121	135	179 X	114
480-168197-23	SB-34 (0-1)	103	111	119	97
480-168197-25	SB-35 (0-1)	134	144	0 X	0 X
480-168197-26	DUP-040120-01	99	112	117	96
480-168197-27	DUP-040120-02	99	118	122	102
480-168197-28	SB-30 (4-6)	94	107	111	93
480-168197-29	SB-30 (6-8)	99	112	122	101
480-168197-30	SB-30 (8-10)	105	120	130	110
480-168197-31	SB-32 (0-1)	87	90	118	95
480-168197-32	SB-32 (1-2)	98	108	122	100
480-168197-33	SB-32 (2-4)	102	110	128	103
480-168197-34	SB-32 (4-6)	102	116	122	101
480-168197-35	SB-32 (6-8)	93	100	106	89
480-168197-36	SB-31 (0-1)	70	69	95	62 X
480-168197-37	SB-31 (1-2)	84	90	103	90
480-168197-38	SB-31 (2-4)	91	101	112	96
480-168197-39	SB-31 (4-6)	100	109	116	100
480-168197-40	SB-31 (6-8)	96	106	122	105
LCS 480-524517/2-A	Lab Control Sample	102	113	125	101
LCS 480-524520/2-A	Lab Control Sample	110	125	127	133
MB 480-524517/1-A	Method Blank	104	115	126	107
MB 480-524520/1-A	Method Blank	100	106	96	78

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

Surrogate Summary

Client: ARCADIS U.S. Inc
Job ID: 480-168197-1
Project/Site: GE - Tonawanda

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		TCX1	TCX2	DCBP1	DCBP2
Lab Sample ID	Client Sample ID	(39-121)	(39-121)	(19-120)	(19-120)
480-168197-42	FB-040120	91	106	62	53
480-168197-43	FB-040220	100	119	64	55
LCS 480-524714/2-A	Lab Control Sample	92	106	67	57
MB 480-524714/1-A	Method Blank	88	96	65	55

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-524517/1-A
Matrix: Solid
Analysis Batch: 524684

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 524517

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.20	0.039	mg/Kg		04/06/20 15:09	04/07/20 16:01	1
PCB-1221	ND		0.20	0.039	mg/Kg		04/06/20 15:09	04/07/20 16:01	1
PCB-1232	ND		0.20	0.039	mg/Kg		04/06/20 15:09	04/07/20 16:01	1
PCB-1242	ND		0.20	0.039	mg/Kg		04/06/20 15:09	04/07/20 16:01	1
PCB-1248	ND		0.20	0.039	mg/Kg		04/06/20 15:09	04/07/20 16:01	1
PCB-1254	ND		0.20	0.094	mg/Kg		04/06/20 15:09	04/07/20 16:01	1
PCB-1260	ND		0.20	0.094	mg/Kg		04/06/20 15:09	04/07/20 16:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*115*		*60 - 154*	*04/06/20 15:09*	*04/07/20 16:01*	*1*
Tetrachloro-m-xylene	*104*		*60 - 154*	*04/06/20 15:09*	*04/07/20 16:01*	*1*
DCB Decachlorobiphenyl	*107*		*65 - 174*	*04/06/20 15:09*	*04/07/20 16:01*	*1*
DCB Decachlorobiphenyl	*126*		*65 - 174*	*04/06/20 15:09*	*04/07/20 16:01*	*1*

Lab Sample ID: LCS 480-524517/2-A
Matrix: Solid
Analysis Batch: 524684

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 524517

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016			1.72	2.06		mg/Kg		119	51 - 185		
PCB-1260			1.72	2.00		mg/Kg		116	61 - 184		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*113*		*60 - 154*
Tetrachloro-m-xylene	*102*		*60 - 154*
DCB Decachlorobiphenyl	*101*		*65 - 174*
DCB Decachlorobiphenyl	*125*		*65 - 174*

Lab Sample ID: 480-168197-8 MS
Matrix: Solid
Analysis Batch: 524684

Client Sample ID: SB-27 (2-4)
Prep Type: Total/NA
Prep Batch: 524517

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016	ND		2.03	1.93		mg/Kg	☼	95	50 - 177		
PCB-1260	ND		2.03	1.63		mg/Kg	☼	80	33 - 200		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*100*		*60 - 154*
Tetrachloro-m-xylene	*93*		*60 - 154*
DCB Decachlorobiphenyl	*90*		*65 - 174*
DCB Decachlorobiphenyl	*106*		*65 - 174*

Lab Sample ID: 480-168197-8 MSD
Matrix: Solid
Analysis Batch: 524684

Client Sample ID: SB-27 (2-4)
Prep Type: Total/NA
Prep Batch: 524517

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	ND		2.57	2.63		mg/Kg	☼	102	50 - 177	31	50

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 480-168197-8 MSD — **Client Sample ID: SB-27 (2-4)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 524684 — **Prep Batch: 524517**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1260	ND		2.57	2.53		mg/Kg	☼	98	33 - 200	43	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*115*		*60 - 154*
Tetrachloro-m-xylene	*100*		*60 - 154*
DCB Decachlorobiphenyl	*104*		*65 - 174*
DCB Decachlorobiphenyl	*122*		*65 - 174*

Lab Sample ID: MB 480-524520/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 525109 — **Prep Batch: 524520**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.19	0.038	mg/Kg		04/06/20 15:14	04/09/20 15:46	1
PCB-1221	ND		0.19	0.038	mg/Kg		04/06/20 15:14	04/09/20 15:46	1
PCB-1232	ND		0.19	0.038	mg/Kg		04/06/20 15:14	04/09/20 15:46	1
PCB-1242	ND		0.19	0.038	mg/Kg		04/06/20 15:14	04/09/20 15:46	1
PCB-1248	ND		0.19	0.038	mg/Kg		04/06/20 15:14	04/09/20 15:46	1
PCB-1254	ND		0.19	0.090	mg/Kg		04/06/20 15:14	04/09/20 15:46	1
PCB-1260	ND		0.19	0.090	mg/Kg		04/06/20 15:14	04/09/20 15:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*106*		*60 - 154*	*04/06/20 15:14*	*04/09/20 15:46*	*1*
Tetrachloro-m-xylene	*100*		*60 - 154*	*04/06/20 15:14*	*04/09/20 15:46*	*1*
DCB Decachlorobiphenyl	*78*		*65 - 174*	*04/06/20 15:14*	*04/09/20 15:46*	*1*
DCB Decachlorobiphenyl	*96*		*65 - 174*	*04/06/20 15:14*	*04/09/20 15:46*	*1*

Lab Sample ID: LCS 480-524520/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 525109 — **Prep Batch: 524520**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	2.06	2.85		mg/Kg		138	51 - 185
PCB-1260	2.06	2.48		mg/Kg		121	61 - 184

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*125*		*60 - 154*
Tetrachloro-m-xylene	*110*		*60 - 154*
DCB Decachlorobiphenyl	*133*		*65 - 174*
DCB Decachlorobiphenyl	*127*		*65 - 174*

Lab Sample ID: 480-168197-12 MS — **Client Sample ID: SB-28 (1-2)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 525109 — **Prep Batch: 524520**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	ND		2.22	2.45		mg/Kg	☼	110	50 - 177
PCB-1260	0.12	J	2.22	2.32		mg/Kg	☼	99	33 - 200

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	MS %Recovery	MS Qualifier	Limits
Tetrachloro-m-xylene	112		60 - 154
Tetrachloro-m-xylene	97		60 - 154
DCB Decachlorobiphenyl	96		65 - 174
DCB Decachlorobiphenyl	113		65 - 174

Lab Sample ID: 480-168197-12 MSD — **Client Sample ID: SB-28 (1-2)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 525109 — **Prep Batch: 524520**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	ND		2.54	3.16		mg/Kg	☼	125	50 - 177	25	50
PCB-1260	0.12	J	2.54	3.12		mg/Kg	☼	118	33 - 200	29	50

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Tetrachloro-m-xylene	120		60 - 154
Tetrachloro-m-xylene	109		60 - 154
DCB Decachlorobiphenyl	106		65 - 174
DCB Decachlorobiphenyl	126		65 - 174

Lab Sample ID: MB 480-524714/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 524928 — **Prep Batch: 524714**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/07/20 15:28	04/09/20 02:00	1
PCB-1221	ND		0.50	0.18	ug/L		04/07/20 15:28	04/09/20 02:00	1
PCB-1232	ND		0.50	0.18	ug/L		04/07/20 15:28	04/09/20 02:00	1
PCB-1242	ND		0.50	0.18	ug/L		04/07/20 15:28	04/09/20 02:00	1
PCB-1248	ND		0.50	0.18	ug/L		04/07/20 15:28	04/09/20 02:00	1
PCB-1254	ND		0.50	0.25	ug/L		04/07/20 15:28	04/09/20 02:00	1
PCB-1260	ND		0.50	0.25	ug/L		04/07/20 15:28	04/09/20 02:00	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	96		39 - 121	04/07/20 15:28	04/09/20 02:00	1
Tetrachloro-m-xylene	88		39 - 121	04/07/20 15:28	04/09/20 02:00	1
DCB Decachlorobiphenyl	55		19 - 120	04/07/20 15:28	04/09/20 02:00	1
DCB Decachlorobiphenyl	65		19 - 120	04/07/20 15:28	04/09/20 02:00	1

Lab Sample ID: LCS 480-524714/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 524928 — **Prep Batch: 524714**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016			4.00	4.50		ug/L		113	62 - 130		
PCB-1260			4.00	3.97		ug/L		99	56 - 123		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	106		39 - 121
Tetrachloro-m-xylene	92		39 - 121
DCB Decachlorobiphenyl	57		19 - 120

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 480-524714/2-A
Matrix: Water
Analysis Batch: 524928

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 524714

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	67		19 - 120

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-524850/2-A
Matrix: Solid
Analysis Batch: 525035

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 524850

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		04/08/20 10:25	04/08/20 16:55	1
Barium	ND		1.0	0.10	mg/L		04/08/20 10:25	04/08/20 16:55	1
Cadmium	ND		0.0020	0.00050	mg/L		04/08/20 10:25	04/08/20 16:55	1
Chromium	ND		0.020	0.010	mg/L		04/08/20 10:25	04/08/20 16:55	1
Lead	ND		0.020	0.0030	mg/L		04/08/20 10:25	04/08/20 16:55	1
Selenium	ND		0.025	0.0087	mg/L		04/08/20 10:25	04/08/20 16:55	1
Silver	ND		0.0060	0.0017	mg/L		04/08/20 10:25	04/08/20 16:55	1

Lab Sample ID: LCS 480-524850/3-A
Matrix: Solid
Analysis Batch: 525035

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 524850

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.00	1.09		mg/L		109	80 - 120
Barium	1.00	0.994	J	mg/L		99	80 - 120
Cadmium	1.00	1.05		mg/L		105	80 - 120
Chromium	1.00	0.958		mg/L		96	80 - 120
Lead	1.00	0.981		mg/L		98	80 - 120
Selenium	1.00	1.06		mg/L		106	80 - 120
Silver	1.00	1.00		mg/L		100	80 - 120

Lab Sample ID: LB 480-524656/1-B
Matrix: Solid
Analysis Batch: 525035

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 524850

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		04/08/20 10:25	04/08/20 16:51	1
Barium	ND		1.0	0.10	mg/L		04/08/20 10:25	04/08/20 16:51	1
Cadmium	ND		0.0020	0.00050	mg/L		04/08/20 10:25	04/08/20 16:51	1
Chromium	ND		0.020	0.010	mg/L		04/08/20 10:25	04/08/20 16:51	1
Lead	ND		0.020	0.0030	mg/L		04/08/20 10:25	04/08/20 16:51	1
Selenium	ND		0.025	0.0087	mg/L		04/08/20 10:25	04/08/20 16:51	1
Silver	ND		0.0060	0.0017	mg/L		04/08/20 10:25	04/08/20 16:51	1

Lab Sample ID: 480-168197-5 MS
Matrix: Solid
Analysis Batch: 525035

Client Sample ID: SB-26-WC
Prep Type: TCLP
Prep Batch: 524850

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0086	J	1.00	1.18		mg/L		117	75 - 125

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 480-168197-5 MS
Matrix: Solid
Analysis Batch: 525035

Client Sample ID: SB-26-WC
Prep Type: TCLP
Prep Batch: 524850

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	0.84	J	1.00	1.89		mg/L		105	75 - 125
Cadmium	0.0022		1.00	1.14		mg/L		113	75 - 125
Chromium	ND		1.00	0.962		mg/L		96	75 - 125
Lead	ND		1.00	1.03		mg/L		103	75 - 125
Selenium	ND		1.00	1.14		mg/L		114	75 - 125
Silver	ND		1.00	1.09		mg/L		109	75 - 125

Lab Sample ID: 480-168197-5 MSD
Matrix: Solid
Analysis Batch: 525035

Client Sample ID: SB-26-WC
Prep Type: TCLP
Prep Batch: 524850

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.0086	J	1.00	1.16		mg/L		115	75 - 125	2	20
Barium	0.84	J	1.00	1.87		mg/L		103	75 - 125	1	20
Cadmium	0.0022		1.00	1.12		mg/L		112	75 - 125	1	20
Chromium	ND		1.00	0.943		mg/L		94	75 - 125	2	20
Lead	ND		1.00	1.02		mg/L		102	75 - 125	1	20
Selenium	ND		1.00	1.11		mg/L		111	75 - 125	3	20
Silver	ND		1.00	1.07		mg/L		107	75 - 125	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-524867/2-A
Matrix: Solid
Analysis Batch: 524964

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 524867

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		04/08/20 11:41	04/08/20 16:17	1

Lab Sample ID: LCS 480-524867/3-A
Matrix: Solid
Analysis Batch: 524964

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 524867

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00668	0.00660		mg/L		99	80 - 120

Lab Sample ID: LB 480-524656/1-C
Matrix: Solid
Analysis Batch: 524964

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 524867

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		04/08/20 11:41	04/08/20 16:15	1

Lab Sample ID: 480-168197-5 MS
Matrix: Solid
Analysis Batch: 524964

Client Sample ID: SB-26-WC
Prep Type: TCLP
Prep Batch: 524867

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00668	0.00643		mg/L		96	80 - 120

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 480-168197-5 MSD
Matrix: Solid
Analysis Batch: 524964

Client Sample ID: SB-26-WC
Prep Type: TCLP
Prep Batch: 524867

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00668	0.00657		mg/L		98	80 - 120	2	20

Method: 1010A - Ignitability, Pensky-Martens Closed-Cup Method

Lab Sample ID: LCS 480-524568/1
Matrix: Solid
Analysis Batch: 524568

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Flashpoint	81.0	79.00		Degrees F		98	97.5 - 102.5

Lab Sample ID: 480-168197-5 DU
Matrix: Solid
Analysis Batch: 524568

Client Sample ID: SB-26-WC
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Flashpoint	>180		>180		Degrees F		NC	10

GC Semi VOA

Prep Batch: 524517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-168197-1	SB-26 (0-1)	Total/NA	Solid	3550C	
480-168197-2	SB-26 (1-2)	Total/NA	Solid	3550C	
480-168197-3	SB-26 (2-4)	Total/NA	Solid	3550C	
480-168197-4	SB-26 (4-6)	Total/NA	Solid	3550C	
480-168197-6	SB-27 (0-1)	Total/NA	Solid	3550C	
480-168197-7	SB-27 (1-2)	Total/NA	Solid	3550C	
480-168197-8	SB-27 (2-4)	Total/NA	Solid	3550C	
480-168197-9	SB-27 (4-6)	Total/NA	Solid	3550C	
480-168197-11	SB-28 (0-1)	Total/NA	Solid	3550C	
480-168197-35	SB-32 (6-8)	Total/NA	Solid	3550C	
480-168197-36	SB-31 (0-1)	Total/NA	Solid	3550C	
480-168197-37	SB-31 (1-2)	Total/NA	Solid	3550C	
480-168197-38	SB-31 (2-4)	Total/NA	Solid	3550C	
480-168197-39	SB-31 (4-6)	Total/NA	Solid	3550C	
480-168197-40	SB-31 (6-8)	Total/NA	Solid	3550C	
MB 480-524517/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-524517/2-A	Lab Control Sample	Total/NA	Solid	3550C	
480-168197-8 MS	SB-27 (2-4)	Total/NA	Solid	3550C	
480-168197-8 MSD	SB-27 (2-4)	Total/NA	Solid	3550C	

Prep Batch: 524520

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-168197-12	SB-28 (1-2)	Total/NA	Solid	3550C	
480-168197-13	SB-28 (2-4)	Total/NA	Solid	3550C	
480-168197-14	SB-28 (4-6)	Total/NA	Solid	3550C	
480-168197-15	SB-29 (0-1)	Total/NA	Solid	3550C	
480-168197-16	SB-29 (1-2)	Total/NA	Solid	3550C	
480-168197-17	SB-29 (2-4)	Total/NA	Solid	3550C	
480-168197-18	SB-33 (0-1)	Total/NA	Solid	3550C	
480-168197-19	SB-33 (1-2)	Total/NA	Solid	3550C	
480-168197-20	SB-33 (2-4)	Total/NA	Solid	3550C	
480-168197-23	SB-34 (0-1)	Total/NA	Solid	3550C	
480-168197-25	SB-35 (0-1)	Total/NA	Solid	3550C	
480-168197-26	DUP-040120-01	Total/NA	Solid	3550C	
480-168197-27	DUP-040120-02	Total/NA	Solid	3550C	
480-168197-28	SB-30 (4-6)	Total/NA	Solid	3550C	
480-168197-29	SB-30 (6-8)	Total/NA	Solid	3550C	
480-168197-30	SB-30 (8-10)	Total/NA	Solid	3550C	
480-168197-31	SB-32 (0-1)	Total/NA	Solid	3550C	
480-168197-32	SB-32 (1-2)	Total/NA	Solid	3550C	
480-168197-33	SB-32 (2-4)	Total/NA	Solid	3550C	
480-168197-34	SB-32 (4-6)	Total/NA	Solid	3550C	
MB 480-524520/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-524520/2-A	Lab Control Sample	Total/NA	Solid	3550C	
480-168197-12 MS	SB-28 (1-2)	Total/NA	Solid	3550C	
480-168197-12 MSD	SB-28 (1-2)	Total/NA	Solid	3550C	

Analysis Batch: 524684

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-168197-1	SB-26 (0-1)	Total/NA	Solid	8082A	524517
480-168197-2	SB-26 (1-2)	Total/NA	Solid	8082A	524517

GC Semi VOA (Continued)

Analysis Batch: 524684 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-168197-3	SB-26 (2-4)	Total/NA	Solid	8082A	524517
480-168197-4	SB-26 (4-6)	Total/NA	Solid	8082A	524517
480-168197-6	SB-27 (0-1)	Total/NA	Solid	8082A	524517
480-168197-7	SB-27 (1-2)	Total/NA	Solid	8082A	524517
480-168197-8	SB-27 (2-4)	Total/NA	Solid	8082A	524517
480-168197-9	SB-27 (4-6)	Total/NA	Solid	8082A	524517
480-168197-11	SB-28 (0-1)	Total/NA	Solid	8082A	524517
480-168197-35	SB-32 (6-8)	Total/NA	Solid	8082A	524517
480-168197-36	SB-31 (0-1)	Total/NA	Solid	8082A	524517
480-168197-37	SB-31 (1-2)	Total/NA	Solid	8082A	524517
480-168197-38	SB-31 (2-4)	Total/NA	Solid	8082A	524517
480-168197-39	SB-31 (4-6)	Total/NA	Solid	8082A	524517
480-168197-40	SB-31 (6-8)	Total/NA	Solid	8082A	524517
MB 480-524517/1-A	Method Blank	Total/NA	Solid	8082A	524517
LCS 480-524517/2-A	Lab Control Sample	Total/NA	Solid	8082A	524517
480-168197-8 MS	SB-27 (2-4)	Total/NA	Solid	8082A	524517
480-168197-8 MSD	SB-27 (2-4)	Total/NA	Solid	8082A	524517

Prep Batch: 524714

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-168197-42	FB-040120	Total/NA	Water	3510C	
480-168197-43	FB-040220	Total/NA	Water	3510C	
MB 480-524714/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-524714/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 524928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-168197-42	FB-040120	Total/NA	Water	8082A	524714
480-168197-43	FB-040220	Total/NA	Water	8082A	524714
MB 480-524714/1-A	Method Blank	Total/NA	Water	8082A	524714
LCS 480-524714/2-A	Lab Control Sample	Total/NA	Water	8082A	524714

Analysis Batch: 525109

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-168197-12	SB-28 (1-2)	Total/NA	Solid	8082A	524520
480-168197-13	SB-28 (2-4)	Total/NA	Solid	8082A	524520
480-168197-14	SB-28 (4-6)	Total/NA	Solid	8082A	524520
480-168197-15	SB-29 (0-1)	Total/NA	Solid	8082A	524520
480-168197-16	SB-29 (1-2)	Total/NA	Solid	8082A	524520
480-168197-17	SB-29 (2-4)	Total/NA	Solid	8082A	524520
480-168197-18	SB-33 (0-1)	Total/NA	Solid	8082A	524520
480-168197-19	SB-33 (1-2)	Total/NA	Solid	8082A	524520
480-168197-20	SB-33 (2-4)	Total/NA	Solid	8082A	524520
480-168197-23	SB-34 (0-1)	Total/NA	Solid	8082A	524520
480-168197-25	SB-35 (0-1)	Total/NA	Solid	8082A	524520
480-168197-26	DUP-040120-01	Total/NA	Solid	8082A	524520
480-168197-27	DUP-040120-02	Total/NA	Solid	8082A	524520
480-168197-28	SB-30 (4-6)	Total/NA	Solid	8082A	524520
480-168197-29	SB-30 (6-8)	Total/NA	Solid	8082A	524520
480-168197-30	SB-30 (8-10)	Total/NA	Solid	8082A	524520
480-168197-31	SB-32 (0-1)	Total/NA	Solid	8082A	524520

GC Semi VOA (Continued)

Analysis Batch: 525109 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-168197-32	SB-32 (1-2)	Total/NA	Solid	8082A	524520
480-168197-33	SB-32 (2-4)	Total/NA	Solid	8082A	524520
480-168197-34	SB-32 (4-6)	Total/NA	Solid	8082A	524520
MB 480-524520/1-A	Method Blank	Total/NA	Solid	8082A	524520
LCS 480-524520/2-A	Lab Control Sample	Total/NA	Solid	8082A	524520
480-168197-12 MS	SB-28 (1-2)	Total/NA	Solid	8082A	524520
480-168197-12 MSD	SB-28 (1-2)	Total/NA	Solid	8082A	524520

Metals

Leach Batch: 524656

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-168197-5	SB-26-WC	TCLP	Solid	1311	
480-168197-10	SB-27-WC	TCLP	Solid	1311	
480-168197-21	SB-29-WC	TCLP	Solid	1311	
480-168197-22	SB-33-WC	TCLP	Solid	1311	
480-168197-24	SB-34 -WC	TCLP	Solid	1311	
480-168197-41	SB-31-WC	TCLP	Solid	1311	
LB 480-524656/1-B	Method Blank	TCLP	Solid	1311	
LB 480-524656/1-C	Method Blank	TCLP	Solid	1311	
480-168197-5 MS	SB-26-WC	TCLP	Solid	1311	
480-168197-5 MSD	SB-26-WC	TCLP	Solid	1311	

Prep Batch: 524850

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-168197-5	SB-26-WC	TCLP	Solid	3010A	524656
480-168197-10	SB-27-WC	TCLP	Solid	3010A	524656
480-168197-21	SB-29-WC	TCLP	Solid	3010A	524656
480-168197-22	SB-33-WC	TCLP	Solid	3010A	524656
480-168197-24	SB-34 -WC	TCLP	Solid	3010A	524656
480-168197-41	SB-31-WC	TCLP	Solid	3010A	524656
LB 480-524656/1-B	Method Blank	TCLP	Solid	3010A	524656
MB 480-524850/2-A	Method Blank	Total/NA	Solid	3010A	
LCS 480-524850/3-A	Lab Control Sample	Total/NA	Solid	3010A	
480-168197-5 MS	SB-26-WC	TCLP	Solid	3010A	524656
480-168197-5 MSD	SB-26-WC	TCLP	Solid	3010A	524656

Prep Batch: 524867

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-168197-5	SB-26-WC	TCLP	Solid	7470A	524656
480-168197-10	SB-27-WC	TCLP	Solid	7470A	524656
480-168197-21	SB-29-WC	TCLP	Solid	7470A	524656
480-168197-22	SB-33-WC	TCLP	Solid	7470A	524656
480-168197-24	SB-34 -WC	TCLP	Solid	7470A	524656
480-168197-41	SB-31-WC	TCLP	Solid	7470A	524656
LB 480-524656/1-C	Method Blank	TCLP	Solid	7470A	524656
MB 480-524867/2-A	Method Blank	Total/NA	Solid	7470A	
LCS 480-524867/3-A	Lab Control Sample	Total/NA	Solid	7470A	
480-168197-5 MS	SB-26-WC	TCLP	Solid	7470A	524656
480-168197-5 MSD	SB-26-WC	TCLP	Solid	7470A	524656

Metals

Analysis Batch: 524964

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-168197-5	SB-26-WC	TCLP	Solid	7470A	524867
480-168197-10	SB-27-WC	TCLP	Solid	7470A	524867
480-168197-21	SB-29-WC	TCLP	Solid	7470A	524867
480-168197-22	SB-33-WC	TCLP	Solid	7470A	524867
480-168197-24	SB-34 -WC	TCLP	Solid	7470A	524867
480-168197-41	SB-31-WC	TCLP	Solid	7470A	524867
LB 480-524656/1-C	Method Blank	TCLP	Solid	7470A	524867
MB 480-524867/2-A	Method Blank	Total/NA	Solid	7470A	524867
LCS 480-524867/3-A	Lab Control Sample	Total/NA	Solid	7470A	524867
480-168197-5 MS	SB-26-WC	TCLP	Solid	7470A	524867
480-168197-5 MSD	SB-26-WC	TCLP	Solid	7470A	524867

Analysis Batch: 525035

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-168197-5	SB-26-WC	TCLP	Solid	6010C	524850
480-168197-10	SB-27-WC	TCLP	Solid	6010C	524850
480-168197-21	SB-29-WC	TCLP	Solid	6010C	524850
480-168197-22	SB-33-WC	TCLP	Solid	6010C	524850
480-168197-24	SB-34 -WC	TCLP	Solid	6010C	524850
480-168197-41	SB-31-WC	TCLP	Solid	6010C	524850
LB 480-524656/1-B	Method Blank	TCLP	Solid	6010C	524850
MB 480-524850/2-A	Method Blank	Total/NA	Solid	6010C	524850
LCS 480-524850/3-A	Lab Control Sample	Total/NA	Solid	6010C	524850
480-168197-5 MS	SB-26-WC	TCLP	Solid	6010C	524850
480-168197-5 MSD	SB-26-WC	TCLP	Solid	6010C	524850

General Chemistry

Analysis Batch: 524359

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-168197-1	SB-26 (0-1)	Total/NA	Solid	Moisture	
480-168197-2	SB-26 (1-2)	Total/NA	Solid	Moisture	
480-168197-3	SB-26 (2-4)	Total/NA	Solid	Moisture	
480-168197-4	SB-26 (4-6)	Total/NA	Solid	Moisture	
480-168197-5	SB-26-WC	Total/NA	Solid	Moisture	
480-168197-6	SB-27 (0-1)	Total/NA	Solid	Moisture	
480-168197-7	SB-27 (1-2)	Total/NA	Solid	Moisture	
480-168197-8	SB-27 (2-4)	Total/NA	Solid	Moisture	
480-168197-9	SB-27 (4-6)	Total/NA	Solid	Moisture	
480-168197-10	SB-27-WC	Total/NA	Solid	Moisture	
480-168197-11	SB-28 (0-1)	Total/NA	Solid	Moisture	
480-168197-12	SB-28 (1-2)	Total/NA	Solid	Moisture	
480-168197-13	SB-28 (2-4)	Total/NA	Solid	Moisture	
480-168197-14	SB-28 (4-6)	Total/NA	Solid	Moisture	
480-168197-15	SB-29 (0-1)	Total/NA	Solid	Moisture	
480-168197-16	SB-29 (1-2)	Total/NA	Solid	Moisture	
480-168197-17	SB-29 (2-4)	Total/NA	Solid	Moisture	
480-168197-18	SB-33 (0-1)	Total/NA	Solid	Moisture	
480-168197-19	SB-33 (1-2)	Total/NA	Solid	Moisture	
480-168197-20	SB-33 (2-4)	Total/NA	Solid	Moisture	
480-168197-21	SB-29-WC	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 524359 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-168197-22	SB-33-WC	Total/NA	Solid	Moisture	
480-168197-23	SB-34 (0-1)	Total/NA	Solid	Moisture	
480-168197-24	SB-34 -WC	Total/NA	Solid	Moisture	
480-168197-25	SB-35 (0-1)	Total/NA	Solid	Moisture	
480-168197-26	DUP-040120-01	Total/NA	Solid	Moisture	
480-168197-27	DUP-040120-02	Total/NA	Solid	Moisture	
480-168197-28	SB-30 (4-6)	Total/NA	Solid	Moisture	
480-168197-29	SB-30 (6-8)	Total/NA	Solid	Moisture	
480-168197-30	SB-30 (8-10)	Total/NA	Solid	Moisture	
480-168197-31	SB-32 (0-1)	Total/NA	Solid	Moisture	
480-168197-32	SB-32 (1-2)	Total/NA	Solid	Moisture	
480-168197-33	SB-32 (2-4)	Total/NA	Solid	Moisture	
480-168197-34	SB-32 (4-6)	Total/NA	Solid	Moisture	
480-168197-35	SB-32 (6-8)	Total/NA	Solid	Moisture	
480-168197-36	SB-31 (0-1)	Total/NA	Solid	Moisture	
480-168197-37	SB-31 (1-2)	Total/NA	Solid	Moisture	
480-168197-38	SB-31 (2-4)	Total/NA	Solid	Moisture	
480-168197-39	SB-31 (4-6)	Total/NA	Solid	Moisture	
480-168197-40	SB-31 (6-8)	Total/NA	Solid	Moisture	
480-168197-41	SB-31-WC	Total/NA	Solid	Moisture	
480-168197-8 MS	SB-27 (2-4)	Total/NA	Solid	Moisture	
480-168197-8 MSD	SB-27 (2-4)	Total/NA	Solid	Moisture	
480-168197-12 MS	SB-28 (1-2)	Total/NA	Solid	Moisture	
480-168197-12 MSD	SB-28 (1-2)	Total/NA	Solid	Moisture	

Analysis Batch: 524568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-168197-5	SB-26-WC	Total/NA	Solid	1010A	
480-168197-10	SB-27-WC	Total/NA	Solid	1010A	
480-168197-21	SB-29-WC	Total/NA	Solid	1010A	
480-168197-22	SB-33-WC	Total/NA	Solid	1010A	
480-168197-24	SB-34 -WC	Total/NA	Solid	1010A	
480-168197-41	SB-31-WC	Total/NA	Solid	1010A	
LCS 480-524568/1	Lab Control Sample	Total/NA	Solid	1010A	
480-168197-5 DU	SB-26-WC	Total/NA	Solid	1010A	

Client Sample ID: SB-26 (0-1) — **Lab Sample ID: 480-168197-1**
Date Collected: 04/01/20 08:15 — **Matrix: Solid**
Date Received: 04/02/20 13:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	524359	04/05/20 13:16	DSC	TAL BUF

Client Sample ID: SB-26 (0-1) — **Lab Sample ID: 480-168197-1**
Date Collected: 04/01/20 08:15 — **Matrix: Solid**
Date Received: 04/02/20 13:35 — **Percent Solids: 98.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			524517	04/06/20 15:09	SGD	TAL BUF
Total/NA	Analysis	8082A		1	524684	04/07/20 17:05	W1T	TAL BUF

Client Sample ID: SB-26 (1-2) — **Lab Sample ID: 480-168197-2**
Date Collected: 04/01/20 08:30 — **Matrix: Solid**
Date Received: 04/02/20 13:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	524359	04/05/20 13:16	DSC	TAL BUF

Client Sample ID: SB-26 (1-2) — **Lab Sample ID: 480-168197-2**
Date Collected: 04/01/20 08:30 — **Matrix: Solid**
Date Received: 04/02/20 13:35 — **Percent Solids: 84.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			524517	04/06/20 15:09	SGD	TAL BUF
Total/NA	Analysis	8082A		1	524684	04/07/20 17:18	W1T	TAL BUF

Client Sample ID: SB-26 (2-4) — **Lab Sample ID: 480-168197-3**
Date Collected: 04/01/20 08:50 — **Matrix: Solid**
Date Received: 04/02/20 13:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	524359	04/05/20 13:16	DSC	TAL BUF

Client Sample ID: SB-26 (2-4) — **Lab Sample ID: 480-168197-3**
Date Collected: 04/01/20 08:50 — **Matrix: Solid**
Date Received: 04/02/20 13:35 — **Percent Solids: 83.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			524517	04/06/20 15:09	SGD	TAL BUF
Total/NA	Analysis	8082A		1	524684	04/07/20 17:30	W1T	TAL BUF

Client Sample ID: SB-26 (4-6) — **Lab Sample ID: 480-168197-4**
Date Collected: 04/01/20 09:25 — **Matrix: Solid**
Date Received: 04/02/20 13:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	524359	04/05/20 13:16	DSC	TAL BUF

Client Sample ID: SB-26 (4-6)

Lab Sample ID: 480-168197-4

Date Collected: 04/01/20 09:25

Matrix: Solid

Date Received: 04/02/20 13:35

Percent Solids: 85.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			524517	04/06/20 15:09	SGD	TAL BUF
Total/NA	Analysis	8082A		1	524684	04/07/20 17:43	W1T	TAL BUF

Client Sample ID: SB-26-WC

Lab Sample ID: 480-168197-5

Date Collected: 04/01/20 09:30

Matrix: Solid

Date Received: 04/02/20 13:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			524656	04/07/20 10:20	LMS	TAL BUF
TCLP	Prep	3010A			524850	04/08/20 10:25	EMB	TAL BUF
TCLP	Analysis	6010C		1	525035	04/08/20 17:02	AMH	TAL BUF
TCLP	Leach	1311			524656	04/07/20 10:20	LMS	TAL BUF
TCLP	Prep	7470A			524867	04/08/20 11:41	BMB	TAL BUF
TCLP	Analysis	7470A		1	524964	04/08/20 16:20	BMB	TAL BUF
Total/NA	Analysis	1010A		1	524568	04/07/20 01:16	T1S	TAL BUF
Total/NA	Analysis	Moisture		1	524359	04/05/20 13:16	DSC	TAL BUF

Client Sample ID: SB-27 (0-1)

Lab Sample ID: 480-168197-6

Date Collected: 04/01/20 10:05

Matrix: Solid

Date Received: 04/02/20 13:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	524359	04/05/20 13:16	DSC	TAL BUF

Client Sample ID: SB-27 (0-1)

Lab Sample ID: 480-168197-6

Date Collected: 04/01/20 10:05

Matrix: Solid

Date Received: 04/02/20 13:35

Percent Solids: 84.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			524517	04/06/20 15:09	SGD	TAL BUF
Total/NA	Analysis	8082A		1	524684	04/07/20 17:56	W1T	TAL BUF

Client Sample ID: SB-27 (1-2)

Lab Sample ID: 480-168197-7

Date Collected: 04/01/20 10:20

Matrix: Solid

Date Received: 04/02/20 13:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	524359	04/05/20 13:16	DSC	TAL BUF

Client Sample ID: SB-27 (1-2)

Lab Sample ID: 480-168197-7

Date Collected: 04/01/20 10:20

Matrix: Solid

Date Received: 04/02/20 13:35

Percent Solids: 83.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			524517	04/06/20 15:09	SGD	TAL BUF
Total/NA	Analysis	8082A		1	524684	04/07/20 18:09	W1T	TAL BUF

Client Sample ID: SB-27 (2-4) — **Lab Sample ID: 480-168197-8**
Date Collected: 04/01/20 10:40 — **Matrix: Solid**
Date Received: 04/02/20 13:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	524359	04/05/20 13:16	DSC	TAL BUF

Client Sample ID: SB-27 (2-4) — **Lab Sample ID: 480-168197-8**
Date Collected: 04/01/20 10:40 — **Matrix: Solid**
Date Received: 04/02/20 13:35 — **Percent Solids: 88.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			524517	04/06/20 15:09	SGD	TAL BUF
Total/NA	Analysis	8082A		1	524684	04/07/20 16:52	W1T	TAL BUF

Client Sample ID: SB-27 (4-6) — **Lab Sample ID: 480-168197-9**
Date Collected: 04/01/20 10:55 — **Matrix: Solid**
Date Received: 04/02/20 13:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	524359	04/05/20 13:16	DSC	TAL BUF

Client Sample ID: SB-27 (4-6) — **Lab Sample ID: 480-168197-9**
Date Collected: 04/01/20 10:55 — **Matrix: Solid**
Date Received: 04/02/20 13:35 — **Percent Solids: 86.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			524517	04/06/20 15:09	SGD	TAL BUF
Total/NA	Analysis	8082A		1	524684	04/07/20 18:22	W1T	TAL BUF

Client Sample ID: SB-27-WC — **Lab Sample ID: 480-168197-10**
Date Collected: 04/01/20 11:00 — **Matrix: Solid**
Date Received: 04/02/20 13:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			524656	04/07/20 10:20	LMS	TAL BUF
TCLP	Prep	3010A			524850	04/08/20 10:25	EMB	TAL BUF
TCLP	Analysis	6010C		1	525035	04/08/20 17:32	AMH	TAL BUF
TCLP	Leach	1311			524656	04/07/20 10:20	LMS	TAL BUF
TCLP	Prep	7470A			524867	04/08/20 11:41	BMB	TAL BUF
TCLP	Analysis	7470A		1	524964	04/08/20 16:29	BMB	TAL BUF
Total/NA	Analysis	1010A		1	524568	04/07/20 01:16	T1S	TAL BUF
Total/NA	Analysis	Moisture		1	524359	04/05/20 13:16	DSC	TAL BUF

Client Sample ID: SB-28 (0-1) — **Lab Sample ID: 480-168197-11**
Date Collected: 04/01/20 11:05 — **Matrix: Solid**
Date Received: 04/02/20 13:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	524359	04/05/20 13:16	DSC	TAL BUF

Client Sample ID: SB-28 (0-1) — **Lab Sample ID: 480-168197-11**
Date Collected: 04/01/20 11:05 — **Matrix: Solid**
Date Received: 04/02/20 13:35 — **Percent Solids: 99.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			524517	04/06/20 15:09	SGD	TAL BUF
Total/NA	Analysis	8082A		1	524684	04/07/20 18:34	W1T	TAL BUF

Client Sample ID: SB-28 (1-2) — **Lab Sample ID: 480-168197-12**
Date Collected: 04/01/20 11:15 — **Matrix: Solid**
Date Received: 04/02/20 13:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	524359	04/05/20 13:16	DSC	TAL BUF

Client Sample ID: SB-28 (1-2) — **Lab Sample ID: 480-168197-12**
Date Collected: 04/01/20 11:15 — **Matrix: Solid**
Date Received: 04/02/20 13:35 — **Percent Solids: 97.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			524520	04/06/20 15:14	SGD	TAL BUF
Total/NA	Analysis	8082A		1	525109	04/09/20 16:37	DSC	TAL BUF

Client Sample ID: SB-28 (2-4) — **Lab Sample ID: 480-168197-13**
Date Collected: 04/01/20 11:30 — **Matrix: Solid**
Date Received: 04/02/20 13:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	524359	04/05/20 13:16	DSC	TAL BUF

Client Sample ID: SB-28 (2-4) — **Lab Sample ID: 480-168197-13**
Date Collected: 04/01/20 11:30 — **Matrix: Solid**
Date Received: 04/02/20 13:35 — **Percent Solids: 91.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			524520	04/06/20 15:14	SGD	TAL BUF
Total/NA	Analysis	8082A		1	525109	04/09/20 16:50	DSC	TAL BUF

Client Sample ID: SB-28 (4-6) — **Lab Sample ID: 480-168197-14**
Date Collected: 04/01/20 11:45 — **Matrix: Solid**
Date Received: 04/02/20 13:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	524359	04/05/20 13:16	DSC	TAL BUF

Client Sample ID: SB-28 (4-6) — **Lab Sample ID: 480-168197-14**
Date Collected: 04/01/20 11:45 — **Matrix: Solid**
Date Received: 04/02/20 13:35 — **Percent Solids: 86.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			524520	04/06/20 15:14	SGD	TAL BUF
Total/NA	Analysis	8082A		1	525109	04/09/20 17:03	DSC	TAL BUF

Client Sample ID: SB-29 (0-1) — **Lab Sample ID: 480-168197-15**
Date Collected: 04/01/20 11:55 — **Matrix: Solid**
Date Received: 04/02/20 13:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	524359	04/05/20 13:16	DSC	TAL BUF

Client Sample ID: SB-29 (0-1) — **Lab Sample ID: 480-168197-15**
Date Collected: 04/01/20 11:55 — **Matrix: Solid**
Date Received: 04/02/20 13:35 — **Percent Solids: 97.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			524520	04/06/20 15:14	SGD	TAL BUF
Total/NA	Analysis	8082A		200	525109	04/09/20 21:19	DSC	TAL BUF

Client Sample ID: SB-29 (1-2) — **Lab Sample ID: 480-168197-16**
Date Collected: 04/01/20 12:15 — **Matrix: Solid**
Date Received: 04/02/20 13:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	524359	04/05/20 13:16	DSC	TAL BUF

Client Sample ID: SB-29 (1-2) — **Lab Sample ID: 480-168197-16**
Date Collected: 04/01/20 12:15 — **Matrix: Solid**
Date Received: 04/02/20 13:35 — **Percent Solids: 82.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			524520	04/06/20 15:14	SGD	TAL BUF
Total/NA	Analysis	8082A		50	525109	04/09/20 21:32	DSC	TAL BUF

Client Sample ID: SB-29 (2-4) — **Lab Sample ID: 480-168197-17**
Date Collected: 04/01/20 12:30 — **Matrix: Solid**
Date Received: 04/02/20 13:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	524359	04/05/20 13:16	DSC	TAL BUF

Lab Chronicle

Client: ARCADIS U.S. Inc
Project/Site: GE - Tonawanda

Job ID: 480-168197-1

Client Sample ID: SB-29 (2-4)

Lab Sample ID: 480-168197-17
Date Collected: 04/01/20 12:30
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 86.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			524520	04/06/20 15:14	SGD	TAL BUF
Total/NA	Analysis	8082A		1	525109	04/09/20 17:41	DSC	TAL BUF

Client Sample ID: SB-33 (0-1)

Lab Sample ID: 480-168197-18
Date Collected: 04/01/20 13:40
Matrix: Solid
Date Received: 04/02/20 13:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	524359	04/05/20 13:16	DSC	TAL BUF

Client Sample ID: SB-33 (0-1)

Lab Sample ID: 480-168197-18
Date Collected: 04/01/20 13:40
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 97.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			524520	04/06/20 15:14	SGD	TAL BUF
Total/NA	Analysis	8082A		20	525109	04/09/20 21:45	DSC	TAL BUF

Client Sample ID: SB-33 (1-2)

Lab Sample ID: 480-168197-19
Date Collected: 04/01/20 13:55
Matrix: Solid
Date Received: 04/02/20 13:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	524359	04/05/20 13:16	DSC	TAL BUF

Client Sample ID: SB-33 (1-2)

Lab Sample ID: 480-168197-19
Date Collected: 04/01/20 13:55
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 84.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			524520	04/06/20 15:14	SGD	TAL BUF
Total/NA	Analysis	8082A		1	525109	04/09/20 18:07	DSC	TAL BUF

Client Sample ID: SB-33 (2-4)

Lab Sample ID: 480-168197-20
Date Collected: 04/01/20 14:15
Matrix: Solid
Date Received: 04/02/20 13:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	524359	04/05/20 13:16	DSC	TAL BUF

Client Sample ID: SB-33 (2-4)

Lab Sample ID: 480-168197-20

Date Collected: 04/01/20 14:15

Matrix: Solid

Date Received: 04/02/20 13:35

Percent Solids: 84.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			524520	04/06/20 15:14	SGD	TAL BUF
Total/NA	Analysis	8082A		5	525109	04/09/20 21:58	DSC	TAL BUF

Client Sample ID: SB-29-WC

Lab Sample ID: 480-168197-21

Date Collected: 04/01/20 12:35

Matrix: Solid

Date Received: 04/02/20 13:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			524656	04/07/20 10:20	LMS	TAL BUF
TCLP	Prep	3010A			524850	04/08/20 10:25	EMB	TAL BUF
TCLP	Analysis	6010C		1	525035	04/08/20 17:36	AMH	TAL BUF
TCLP	Leach	1311			524656	04/07/20 10:20	LMS	TAL BUF
TCLP	Prep	7470A			524867	04/08/20 11:41	BMB	TAL BUF
TCLP	Analysis	7470A		1	524964	04/08/20 16:31	BMB	TAL BUF
Total/NA	Analysis	1010A		1	524568	04/07/20 01:16	T1S	TAL BUF
Total/NA	Analysis	Moisture		1	524359	04/05/20 13:16	DSC	TAL BUF

Client Sample ID: SB-33-WC

Lab Sample ID: 480-168197-22

Date Collected: 04/01/20 14:20

Matrix: Solid

Date Received: 04/02/20 13:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			524656	04/07/20 10:20	LMS	TAL BUF
TCLP	Prep	3010A			524850	04/08/20 10:25	EMB	TAL BUF
TCLP	Analysis	6010C		1	525035	04/08/20 17:40	AMH	TAL BUF
TCLP	Leach	1311			524656	04/07/20 10:20	LMS	TAL BUF
TCLP	Prep	7470A			524867	04/08/20 11:41	BMB	TAL BUF
TCLP	Analysis	7470A		1	524964	04/08/20 16:32	BMB	TAL BUF
Total/NA	Analysis	1010A		1	524568	04/07/20 01:16	T1S	TAL BUF
Total/NA	Analysis	Moisture		1	524359	04/05/20 13:16	DSC	TAL BUF

Client Sample ID: SB-34 (0-1)

Lab Sample ID: 480-168197-23

Date Collected: 04/01/20 14:55

Matrix: Solid

Date Received: 04/02/20 13:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	524359	04/05/20 13:16	DSC	TAL BUF

Client Sample ID: SB-34 (0-1)

Lab Sample ID: 480-168197-23

Date Collected: 04/01/20 14:55

Matrix: Solid

Date Received: 04/02/20 13:35

Percent Solids: 97.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			524520	04/06/20 15:14	SGD	TAL BUF
Total/NA	Analysis	8082A		1	525109	04/09/20 18:33	DSC	TAL BUF

Client Sample ID: SB-34 -WC

Lab Sample ID: 480-168197-24

Date Collected: 04/01/20 14:50

Matrix: Solid

Date Received: 04/02/20 13:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			524656	04/07/20 10:20	LMS	TAL BUF
TCLP	Prep	3010A			524850	04/08/20 10:25	EMB	TAL BUF
TCLP	Analysis	6010C		1	525035	04/08/20 17:44	AMH	TAL BUF
TCLP	Leach	1311			524656	04/07/20 10:20	LMS	TAL BUF
TCLP	Prep	7470A			524867	04/08/20 11:41	BMB	TAL BUF
TCLP	Analysis	7470A		1	524964	04/08/20 16:34	BMB	TAL BUF
Total/NA	Analysis	1010A		1	524568	04/07/20 01:16	T1S	TAL BUF
Total/NA	Analysis	Moisture		1	524359	04/05/20 13:16	DSC	TAL BUF

Client Sample ID: SB-35 (0-1)

Lab Sample ID: 480-168197-25

Date Collected: 04/01/20 15:15

Matrix: Solid

Date Received: 04/02/20 13:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	524359	04/05/20 13:16	DSC	TAL BUF

Client Sample ID: SB-35 (0-1)

Lab Sample ID: 480-168197-25

Date Collected: 04/01/20 15:15

Matrix: Solid

Date Received: 04/02/20 13:35

Percent Solids: 94.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			524520	04/06/20 15:14	SGD	TAL BUF
Total/NA	Analysis	8082A		50	525109	04/09/20 22:11	DSC	TAL BUF

Client Sample ID: DUP-040120-01

Lab Sample ID: 480-168197-26

Date Collected: 04/01/20 00:00

Matrix: Solid

Date Received: 04/02/20 13:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	524359	04/05/20 13:16	DSC	TAL BUF

Client Sample ID: DUP-040120-01

Lab Sample ID: 480-168197-26

Date Collected: 04/01/20 00:00

Matrix: Solid

Date Received: 04/02/20 13:35

Percent Solids: 83.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			524520	04/06/20 15:14	SGD	TAL BUF
Total/NA	Analysis	8082A		1	525109	04/09/20 18:58	DSC	TAL BUF

Client Sample ID: DUP-040120-02

Lab Sample ID: 480-168197-27

Date Collected: 04/01/20 00:00

Matrix: Solid

Date Received: 04/02/20 13:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	524359	04/05/20 13:16	DSC	TAL BUF

Client Sample ID: DUP-040120-02 — **Lab Sample ID: 480-168197-27**
Date Collected: 04/01/20 00:00 — **Matrix: Solid**
Date Received: 04/02/20 13:35 — **Percent Solids: 93.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			524520	04/06/20 15:14	SGD	TAL BUF
Total/NA	Analysis	8082A		1	525109	04/09/20 19:11	DSC	TAL BUF

Client Sample ID: SB-30 (4-6) — **Lab Sample ID: 480-168197-28**
Date Collected: 04/02/20 07:45 — **Matrix: Solid**
Date Received: 04/02/20 13:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	524359	04/05/20 13:16	DSC	TAL BUF

Client Sample ID: SB-30 (4-6) — **Lab Sample ID: 480-168197-28**
Date Collected: 04/02/20 07:45 — **Matrix: Solid**
Date Received: 04/02/20 13:35 — **Percent Solids: 94.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			524520	04/06/20 15:14	SGD	TAL BUF
Total/NA	Analysis	8082A		1	525109	04/09/20 19:24	DSC	TAL BUF

Client Sample ID: SB-30 (6-8) — **Lab Sample ID: 480-168197-29**
Date Collected: 04/02/20 07:50 — **Matrix: Solid**
Date Received: 04/02/20 13:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	524359	04/05/20 13:16	DSC	TAL BUF

Client Sample ID: SB-30 (6-8) — **Lab Sample ID: 480-168197-29**
Date Collected: 04/02/20 07:50 — **Matrix: Solid**
Date Received: 04/02/20 13:35 — **Percent Solids: 85.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			524520	04/06/20 15:14	SGD	TAL BUF
Total/NA	Analysis	8082A		1	525109	04/09/20 19:37	DSC	TAL BUF

Client Sample ID: SB-30 (8-10) — **Lab Sample ID: 480-168197-30**
Date Collected: 04/02/20 08:00 — **Matrix: Solid**
Date Received: 04/02/20 13:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	524359	04/05/20 13:16	DSC	TAL BUF

Client Sample ID: SB-30 (8-10) — **Lab Sample ID: 480-168197-30**
Date Collected: 04/02/20 08:00 — **Matrix: Solid**
Date Received: 04/02/20 13:35 — **Percent Solids: 85.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			524520	04/06/20 15:14	SGD	TAL BUF
Total/NA	Analysis	8082A		1	525109	04/09/20 20:15	DSC	TAL BUF

Client Sample ID: SB-32 (0-1) — **Lab Sample ID: 480-168197-31**
Date Collected: 04/02/20 08:45 — **Matrix: Solid**
Date Received: 04/02/20 13:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	524359	04/05/20 13:16	DSC	TAL BUF

Client Sample ID: SB-32 (0-1) — **Lab Sample ID: 480-168197-31**
Date Collected: 04/02/20 08:45 — **Matrix: Solid**
Date Received: 04/02/20 13:35 — **Percent Solids: 77.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			524520	04/06/20 15:14	SGD	TAL BUF
Total/NA	Analysis	8082A		1	525109	04/09/20 20:28	DSC	TAL BUF

Client Sample ID: SB-32 (1-2) — **Lab Sample ID: 480-168197-32**
Date Collected: 04/02/20 09:00 — **Matrix: Solid**
Date Received: 04/02/20 13:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	524359	04/05/20 13:16	DSC	TAL BUF

Client Sample ID: SB-32 (1-2) — **Lab Sample ID: 480-168197-32**
Date Collected: 04/02/20 09:00 — **Matrix: Solid**
Date Received: 04/02/20 13:35 — **Percent Solids: 79.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			524520	04/06/20 15:14	SGD	TAL BUF
Total/NA	Analysis	8082A		1	525109	04/09/20 20:41	DSC	TAL BUF

Client Sample ID: SB-32 (2-4) — **Lab Sample ID: 480-168197-33**
Date Collected: 04/02/20 09:20 — **Matrix: Solid**
Date Received: 04/02/20 13:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	524359	04/05/20 13:16	DSC	TAL BUF

Client Sample ID: SB-32 (2-4) — **Lab Sample ID: 480-168197-33**
Date Collected: 04/02/20 09:20 — **Matrix: Solid**
Date Received: 04/02/20 13:35 — **Percent Solids: 84.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			524520	04/06/20 15:14	SGD	TAL BUF
Total/NA	Analysis	8082A		1	525109	04/09/20 20:54	DSC	TAL BUF

Client Sample ID: SB-32 (4-6) — **Lab Sample ID: 480-168197-34**
Date Collected: 04/02/20 09:35 — **Matrix: Solid**
Date Received: 04/02/20 13:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	524359	04/05/20 13:16	DSC	TAL BUF

Client Sample ID: SB-32 (4-6) — **Lab Sample ID: 480-168197-34**
Date Collected: 04/02/20 09:35 — **Matrix: Solid**
Date Received: 04/02/20 13:35 — **Percent Solids: 83.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			524520	04/06/20 15:14	SGD	TAL BUF
Total/NA	Analysis	8082A		1	525109	04/09/20 21:07	DSC	TAL BUF

Client Sample ID: SB-32 (6-8) — **Lab Sample ID: 480-168197-35**
Date Collected: 04/02/20 09:40 — **Matrix: Solid**
Date Received: 04/02/20 13:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	524359	04/05/20 13:16	DSC	TAL BUF

Client Sample ID: SB-32 (6-8) — **Lab Sample ID: 480-168197-35**
Date Collected: 04/02/20 09:40 — **Matrix: Solid**
Date Received: 04/02/20 13:35 — **Percent Solids: 85.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			524517	04/06/20 15:09	SGD	TAL BUF
Total/NA	Analysis	8082A		1	524684	04/07/20 19:00	W1T	TAL BUF

Client Sample ID: SB-31 (0-1) — **Lab Sample ID: 480-168197-36**
Date Collected: 04/02/20 10:40 — **Matrix: Solid**
Date Received: 04/02/20 13:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	524359	04/05/20 13:16	DSC	TAL BUF

Client Sample ID: SB-31 (0-1) — **Lab Sample ID: 480-168197-36**
Date Collected: 04/02/20 10:40 — **Matrix: Solid**
Date Received: 04/02/20 13:35 — **Percent Solids: 82.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			524517	04/06/20 15:09	SGD	TAL BUF
Total/NA	Analysis	8082A		1	524684	04/07/20 19:13	W1T	TAL BUF

Client Sample ID: SB-31 (1-2) — **Lab Sample ID: 480-168197-37**
Date Collected: 04/02/20 10:55 — **Matrix: Solid**
Date Received: 04/02/20 13:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	524359	04/05/20 13:16	DSC	TAL BUF

Client Sample ID: SB-31 (1-2) — **Lab Sample ID: 480-168197-37**
Date Collected: 04/02/20 10:55 — **Matrix: Solid**
Date Received: 04/02/20 13:35 — **Percent Solids: 80.8**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			524517	04/06/20 15:09	SGD	TAL BUF
Total/NA	Analysis	8082A		1	524684	04/07/20 19:51	W1T	TAL BUF

Client Sample ID: SB-31 (2-4) — **Lab Sample ID: 480-168197-38**
Date Collected: 04/02/20 11:30 — **Matrix: Solid**
Date Received: 04/02/20 13:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	524359	04/05/20 13:16	DSC	TAL BUF

Client Sample ID: SB-31 (2-4) — **Lab Sample ID: 480-168197-38**
Date Collected: 04/02/20 11:30 — **Matrix: Solid**
Date Received: 04/02/20 13:35 — **Percent Solids: 85.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			524517	04/06/20 15:09	SGD	TAL BUF
Total/NA	Analysis	8082A		1	524684	04/07/20 20:04	W1T	TAL BUF

Client Sample ID: SB-31 (4-6) — **Lab Sample ID: 480-168197-39**
Date Collected: 04/02/20 11:45 — **Matrix: Solid**
Date Received: 04/02/20 13:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	524359	04/05/20 13:16	DSC	TAL BUF

Client Sample ID: SB-31 (4-6)

Lab Sample ID: 480-168197-39

Date Collected: 04/02/20 11:45

Matrix: Solid

Date Received: 04/02/20 13:35

Percent Solids: 85.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			524517	04/06/20 15:09	SGD	TAL BUF
Total/NA	Analysis	8082A		1	524684	04/07/20 20:17	W1T	TAL BUF

Client Sample ID: SB-31 (6-8)

Lab Sample ID: 480-168197-40

Date Collected: 04/02/20 12:05

Matrix: Solid

Date Received: 04/02/20 13:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	524359	04/05/20 13:16	DSC	TAL BUF

Client Sample ID: SB-31 (6-8)

Lab Sample ID: 480-168197-40

Date Collected: 04/02/20 12:05

Matrix: Solid

Date Received: 04/02/20 13:35

Percent Solids: 86.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			524517	04/06/20 15:09	SGD	TAL BUF
Total/NA	Analysis	8082A		1	524684	04/07/20 20:30	W1T	TAL BUF

Client Sample ID: SB-31-WC

Lab Sample ID: 480-168197-41

Date Collected: 04/02/20 12:10

Matrix: Solid

Date Received: 04/02/20 13:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			524656	04/07/20 10:20	LMS	TAL BUF
TCLP	Prep	3010A			524850	04/08/20 10:25	EMB	TAL BUF
TCLP	Analysis	6010C		1	525035	04/08/20 17:48	AMH	TAL BUF
TCLP	Leach	1311			524656	04/07/20 10:20	LMS	TAL BUF
TCLP	Prep	7470A			524867	04/08/20 11:41	BMB	TAL BUF
TCLP	Analysis	7470A		1	524964	04/08/20 16:35	BMB	TAL BUF
Total/NA	Analysis	1010A		1	524568	04/07/20 01:16	T1S	TAL BUF
Total/NA	Analysis	Moisture		1	524359	04/05/20 13:16	DSC	TAL BUF

Client Sample ID: FB-040120

Lab Sample ID: 480-168197-42

Date Collected: 04/01/20 17:00

Matrix: Water

Date Received: 04/02/20 13:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			524714	04/07/20 15:28	ATG	TAL BUF
Total/NA	Analysis	8082A		1	524928	04/09/20 03:29	DSC	TAL BUF

Lab Chronicle

Client: ARCADIS U.S. Inc
Project/Site: GE - Tonawanda

Job ID: 480-168197-1

Client Sample ID: FB-040220
Date Collected: 04/02/20 12:50
Date Received: 04/02/20 13:35

Lab Sample ID: 480-168197-43
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			524714	04/07/20 15:28	ATG	TAL BUF
Total/NA	Analysis	8082A		1	524928	04/09/20 03:42	DSC	TAL BUF

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: ARCADIS U.S. Inc
Project/Site: GE - Tonawanda

Job ID: 480-168197-1

Laboratory: Eurofins TestAmerica, Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-02-21

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
7470A	7470A	Solid	Mercury
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: ARCADIS U.S. Inc
Project/Site: GE - Tonawanda

Job ID: 480-168197-1

Method	Method Description	Protocol	Laboratory
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
6010C	Metals (ICP)	SW846	TAL BUF
7470A	Mercury (CVAA)	SW846	TAL BUF
1010A	Ignitability, Pensky-Martens Closed-Cup Method	SW846	TAL BUF
Moisture	Percent Moisture	EPA	TAL BUF
1311	TCLP Extraction	SW846	TAL BUF
3010A	Preparation, Total Metals	SW846	TAL BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL BUF
3550C	Ultrasonic Extraction	SW846	TAL BUF
7470A	Preparation, Mercury	SW846	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: ARCADIS U.S. Inc
Project/Site: GE - Tonawanda

Job ID: 480-168197-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-168197-1	SB-26 (0-1)	Solid	04/01/20 08:15	04/02/20 13:35	
480-168197-2	SB-26 (1-2)	Solid	04/01/20 08:30	04/02/20 13:35	
480-168197-3	SB-26 (2-4)	Solid	04/01/20 08:50	04/02/20 13:35	
480-168197-4	SB-26 (4-6)	Solid	04/01/20 09:25	04/02/20 13:35	
480-168197-5	SB-26-WC	Solid	04/01/20 09:30	04/02/20 13:35	
480-168197-6	SB-27 (0-1)	Solid	04/01/20 10:05	04/02/20 13:35	
480-168197-7	SB-27 (1-2)	Solid	04/01/20 10:20	04/02/20 13:35	
480-168197-8	SB-27 (2-4)	Solid	04/01/20 10:40	04/02/20 13:35	
480-168197-9	SB-27 (4-6)	Solid	04/01/20 10:55	04/02/20 13:35	
480-168197-10	SB-27-WC	Solid	04/01/20 11:00	04/02/20 13:35	
480-168197-11	SB-28 (0-1)	Solid	04/01/20 11:05	04/02/20 13:35	
480-168197-12	SB-28 (1-2)	Solid	04/01/20 11:15	04/02/20 13:35	
480-168197-13	SB-28 (2-4)	Solid	04/01/20 11:30	04/02/20 13:35	
480-168197-14	SB-28 (4-6)	Solid	04/01/20 11:45	04/02/20 13:35	
480-168197-15	SB-29 (0-1)	Solid	04/01/20 11:55	04/02/20 13:35	
480-168197-16	SB-29 (1-2)	Solid	04/01/20 12:15	04/02/20 13:35	
480-168197-17	SB-29 (2-4)	Solid	04/01/20 12:30	04/02/20 13:35	
480-168197-18	SB-33 (0-1)	Solid	04/01/20 13:40	04/02/20 13:35	
480-168197-19	SB-33 (1-2)	Solid	04/01/20 13:55	04/02/20 13:35	
480-168197-20	SB-33 (2-4)	Solid	04/01/20 14:15	04/02/20 13:35	
480-168197-21	SB-29-WC	Solid	04/01/20 12:35	04/02/20 13:35	
480-168197-22	SB-33-WC	Solid	04/01/20 14:20	04/02/20 13:35	
480-168197-23	SB-34 (0-1)	Solid	04/01/20 14:55	04/02/20 13:35	
480-168197-24	SB-34 -WC	Solid	04/01/20 14:50	04/02/20 13:35	
480-168197-25	SB-35 (0-1)	Solid	04/01/20 15:15	04/02/20 13:35	
480-168197-26	DUP-040120-01	Solid	04/01/20 00:00	04/02/20 13:35	
480-168197-27	DUP-040120-02	Solid	04/01/20 00:00	04/02/20 13:35	
480-168197-28	SB-30 (4-6)	Solid	04/02/20 07:45	04/02/20 13:35	
480-168197-29	SB-30 (6-8)	Solid	04/02/20 07:50	04/02/20 13:35	
480-168197-30	SB-30 (8-10)	Solid	04/02/20 08:00	04/02/20 13:35	
480-168197-31	SB-32 (0-1)	Solid	04/02/20 08:45	04/02/20 13:35	
480-168197-32	SB-32 (1-2)	Solid	04/02/20 09:00	04/02/20 13:35	
480-168197-33	SB-32 (2-4)	Solid	04/02/20 09:20	04/02/20 13:35	
480-168197-34	SB-32 (4-6)	Solid	04/02/20 09:35	04/02/20 13:35	
480-168197-35	SB-32 (6-8)	Solid	04/02/20 09:40	04/02/20 13:35	
480-168197-36	SB-31 (0-1)	Solid	04/02/20 10:40	04/02/20 13:35	
480-168197-37	SB-31 (1-2)	Solid	04/02/20 10:55	04/02/20 13:35	
480-168197-38	SB-31 (2-4)	Solid	04/02/20 11:30	04/02/20 13:35	
480-168197-39	SB-31 (4-6)	Solid	04/02/20 11:45	04/02/20 13:35	
480-168197-40	SB-31 (6-8)	Solid	04/02/20 12:05	04/02/20 13:35	
480-168197-41	SB-31-WC	Solid	04/02/20 12:10	04/02/20 13:35	
480-168197-42	FB-040120	Water	04/01/20 17:00	04/02/20 13:35	
480-168197-43	FB-040220	Water	04/02/20 12:50	04/02/20 13:35	

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing TestAmerica

Client Information	Sampler: Daniel Meandro	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-144400-32157.1
Client Contact: Mr. David Cornell	Phone: 315-992-6568	E-Mail: john.schove@testamericainc.com		Page: Page 1 of 5
Company: ARCADIS U.S. Inc				Job #:
Address: One Lincoln Center 110 West Fayette St, Suite 300	Due Date Requested:	Analysis Requested		
City: Syracuse	TAT Requested (days): Standard			
State, Zip: NY, 13202				
Phone: 315-671-9379(Tel)	PO #: 30006040			
Email: david.cornell@arcadis-us.com	WO #:			
Project Name: GE - Tonawanda	Project #: 48017567			
Site:	SSOW#:			

Preservation Codes:
A - HCL M - Hexane
B - NaOH N - None
C - Zn Acetate O - AsNaO2
D - Nitric Acid P - Na2O4S
E - NaHSO4

480-168197 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - PCBs	6010C, 7470A	1010A - Ignitability	Total Number	Special Instructions/Note:
			Preservation Code:				N	N	N		
SB-26 (0-1)	4-1-20	0815	C	Solid			X			1	
SB-26 (1-2)	4-1-20	0830	C	Solid			X			1	
SB-26 (2-4)	4-1-20	0850	C	Solid			X			1	
SB-26 (4-6)	4-1-20	0925	C	Solid			X			1	
SB-26-WC	4-1-20	0930	C	Solid				X	X	2	
SB-27 (0-1)	4-1-20	1005	C	Solid			X			1	
SB-27 (1-2)	4-1-20	1020	C	Solid			X			1	
SB-27 (2-4)	4-1-20	1040	C	Solid		X	X			2	
SB-27 (4-6)	4-1-20	1055	C	Solid			X			1	
SB-27-WC	4-1-20	1100	C	Solid				X	X	2	
SB-28 (0-1)	4-1-20	1105	C	Solid			X			1	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

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

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Dan Meandro	4-2-20 1335	Arcadis			
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 4/2/20 1335	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 4.6 3.7 #17CE

Ver: 01/16/2019

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing TestAmerica

Client Information	Sampler: Daniel Meandro	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-144400-32157.2
Client Contact: Mr. David Cornell	Phone: 315-992-0588	E-Mail: john.schove@testamericainc.com		Page: Page 2 of 5
Company: ARCADIS U.S. Inc				Job #:

Address: One Lincoln Center 110 West Fayette St, Suite 300	Due Date Requested:
City: Syracuse	TAT Requested (days):
State, Zip: NY, 13202	
Phone: 315-671-9379(Tel)	PO #: 30006040
Email: david.cornell@arcadis-us.com	WO #:
Project Name: GE - Tonawanda	Project #: 48017567
Site:	SSOW#:

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - PCBs	6010C, 7470A	1010A - Ignitability	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	N	N	N	X	
SB-28(1-2)	4-1-20	1115	C	Solid		X	X			2	
SB-28(2-4)	4-1-20	1130	C	Solid			X			1	
SB-28(4-6)	4-1-20	1145	C	Solid			X			1	
SB-29(0-1)	4-1-20	1155	C	Solid			X			1	
SB-29(1-2)	4-1-20	1215	C	Solid			X			1	
SB-29(2-4)	4-1-20	1230	C	Solid			X			1	
SB-33(0-1)	4-1-20	1340	C	Solid			X			1	
SB-33(1-2)	4-1-20	1355	C	Solid			X			1	
SB-33(2-4)	4-1-20	1415	C	Solid			X			1	
SB-29-WC	4-1-20	1235	C	Solid				X	X	2	
SB-33-WC	4-1-20	1420	C	Solid				X	X	2	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

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

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Dan Meandro	4-2-20 1335	Arcadis			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				4/2/20 1335	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing TestAmerica

Client Information	Sampler: Daniel Meandro	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-144400-32157.3
Client Contact: Mr. David Cornell	Phone: 315-992-0568	E-Mail: john.schove@testamericainc.com		Page: Page 3 of 5
Company: ARCADIS U.S. Inc				Job #:
Address: One Lincoln Center 110 West Fayette St, Suite 300	Due Date Requested:			
City: Syracuse	TAT Requested (days):			
State, Zip: NY, 13202				
Phone: 315-671-9379(Tel)	PO #: 30006040			
Email: david.cornell@arcadis-us.com	WO #:			
Project Name: GE - Tonawanda	Project #: 48017567			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - PCBs	6010C, 7470A	1010A - Ignitability	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N		
SB-34(0-1)	4-1-20	1445	C	Solid			X			1	
SB-34-WC	4-1-20	1450	C	Solid				X	X	2	
SB-35(0-1)	4-1-20	1515	C	Solid			X			1	
DUP-040120-01	4-1-20	/	C	Solid			X			1	
DUP-040120-02	4-1-20	/	C	Solid			X			1	
SB-30(4-6)	4-2-20	0745	C	Solid			X			1	
SB-30(6-8)	4-2-20	0750	C	Solid			X			1	
SB-30(8-10)	4-2-20	0800	C	Solid			X			1	
SB-32(0-1)	4-2-20	0845	C	Solid			X			1	
SB-32(1-2)	4-2-20	0900	C	Solid			X			1	
SB-32(2-4)	4-2-20	0920	C	Solid			X			1	Archive

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

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

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	4-2-20 1335	Arcadis			
2				[signature]	4/2/20 1335	
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing TestAmerica

Client Information	Sampler: Daniel Meandro	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-144400-32157.4
Client Contact: Mr. David Cornell	Phone: 315-992-0568	E-Mail: john.schove@testamericainc.com		Page: Page 4 of 5
Company: ARCADIS U.S. Inc				Job #:
Address: One Lincoln Center 110 West Fayette St, Suite 300	Due Date Requested:			
City: Syracuse	TAT Requested (days):			
State, Zip: NY, 13202				
Phone: 315-671-9379(Tel)	PO #: 30006040			
Email: david.cornell@arcadis-us.com	WO #:			
Project Name: GE - Tonawanda	Project #: 48017567			
Site: GE Tonawanda	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - PCBs	6010C, 7470A	1010A - Ignitability	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N		
SB-32 (4-6)	4-2-20	0935	C	Solid			X			1	Archive
SB-32 (6-8)	4-2-20	0940	C	Solid			X			1	Archive
SB-31 (0-1)	4-2-20	1040	C	Solid			X			1	
SB-31 (1-2)	4-2-20	1055	C	Solid			X			1	
SB-31 (2-4)	4-2-20	1130	C	Solid			X			1	Archive
SB-31 (4-6)	4-2-20	1145	C	Solid			X			1	Archive
SB-31 (6-8)	4-2-20	1205	C	Solid			X			1	Archive
SB-31-WC	4-2-20	1210	C	Solid				X	X	2	
FB-040120	4-1-20	1700	G	~~Solid~~						2	
FB-040220	4-2-20	1250	G	~~Solid~~						2	
				~~Solid~~							

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

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

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	4-2-20 1335	Arcadis			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				4/2/20 1335	TP
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: ARCADIS U.S. Inc

Job Number: 480-168197-1

Login Number: 168197

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Kolb, Chris M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	ARCADIS
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

ATTACHMENT 2

Data Usability Summary Report

ARCADIS Design & Consultancy for natural and built assets

General Electric Company

Former Parts and Repair Service Center

175 Milens Road

Tonawanda, New York

NYSDEC ID 915244; EPA ID NYD067539940

DATA USABILITY SUMMARY REPORT

Polychlorinated Biphenyl (PCB) Analysis

SDG #480-168197-1

Analyses Performed By:
Eurofins TestAmerica Laboratories, Inc.
Amherst, New York

Report #36563R
Review Level: Tier III
Project: 30006043.4000A

SUMMARY

This Data Usability Summary Report (DUSR) summarizes the review of Sample Delivery Group (SDG) #480-168197-1 for samples collected in association with The General Electric Company (GE) former Parts and Repair Service Center in Tonawanda, NY (NYSDEC ID 915244; EPA ID NYD067539940). The review was conducted as a Tier III evaluation and included review of laboratory data package completeness. Field documentation was not included in this review. Included with this assessment are the validation annotated sample result sheets and chain-of-custody (COC). Analyses were performed on the following samples:

Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis		
					PCB	MET	MISC
SB-26 (0-1)_20200401	480-168197-1	Soil	4/1/2020		X		
SB-26 (1-2)_20200401	480-168197-2	Soil	4/1/2020		X		
SB-26 (2-4)_20200401	480-168197-3	Soil	4/1/2020		X		
SB-26 (4-6)_20200401	480-168197-4	Soil	4/1/2020		X		
SB-27 (0-1)_20200401	480-168197-6	Soil	4/1/2020		X		
SB-27 (1-2)_20200401	480-168197-7	Soil	4/1/2020		X		
SB-27 (2-4)_20200401	480-168197-8	Soil	4/1/2020		X		
SB-27 (4-6)_20200401	480-168197-9	Soil	4/1/2020		X		
SB-28 (0-1)_20200401	480-168197-11	Soil	4/1/2020		X		
SB-28 (1-2)_20200401	480-168197-12	Soil	4/1/2020		X		
SB-28 (2-4)_20200401	480-168197-13	Soil	4/1/2020		X		
SB-28 (4-6)_20200401	480-168197-14	Soil	4/1/2020		X		
SB-29 (0-1)_20200401	480-168197-15	Soil	4/1/2020		X		
SB-29 (1-2)_20200401	480-168197-16	Soil	4/1/2020		X		
SB-29 (2-4)_20200401	480-168197-17	Soil	4/1/2020		X		
SB-33 (0-1)_20200401	480-168197-18	Soil	4/1/2020		X		
SB-33 (1-2)_20200401	480-168197-19	Soil	4/1/2020		X		
SB-33 (2-4)_20200401	480-168197-20	Soil	4/1/2020		X		
SB-34 (0-1)_20200401	480-168197-23	Soil	4/1/2020		X		
SB-35 (0-1)_20200401	480-168197-25	Soil	4/1/2020		X		
DUP-040120-01	480-168197-26	Soil	4/1/2020	SB-26 (1-2)	X		
DUP-040120-02	480-168197-27	Soil	4/1/2020	SB-28 (2-4)	X		
SB-30 (4-6)_20200402	480-168197-28	Soil	4/2/2020		X		
SB-30 (6-8)_20200402	480-168197-29	Soil	4/2/2020		X		

Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis		
					PCB	MET	MISC
SB-30 (8-10)_20200402	480-168197-30	Soil	4/2/2020		X		
SB-32 (0-1)_20200402	480-168197-31	Soil	4/2/2020		X		
SB-32 (1-2)_20200402	480-168197-32	Soil	4/2/2020		X		
SB-32 (2-4)_20200402	480-168197-33	Soil	4/2/2020		X		
SB-32 (4-6)_20200402	480-168197-34	Soil	4/2/2020		X		
SB-32 (6-8)_20200402	480-168197-35	Soil	4/2/2020		X		
SB-31 (0-1)_20200402	480-168197-36	Soil	4/2/2020		X		
SB-31 (1-2)_20200402	480-168197-37	Soil	4/2/2020		X		
SB-31 (2-4)_20200402	480-168197-38	Soil	4/2/2020		X		
SB-31 (4-6)_20200402	480-168197-39	Soil	4/2/2020		X		
SB-31 (6-8)_20200402	480-168197-40	Soil	4/2/2020		X		
FB-040120	480-168197-42	Water	4/1/2020		X		
FB-040220	480-168197-43	Water	4/2/2020		X		

Notes:

1. The matrix spike/matrix spike duplicate (MS/MSD) analysis was performed for PCBs using samples SB-27 (2-4) and SB-28 (1-2).
2. The waste characterization samples included in the laboratory report were not evaluated in this DUSR.

ANALYTICAL DATA PACKAGE DOCUMENTATION

The table below is the evaluation of the data package completeness.

Items Reviewed	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Sample receipt condition		X		X	
2. Requested analyses and sample results		X		X	
3. Master tracking list		X		X	
4. Methods of analysis		X		X	
5. Reporting limits		X		X	
6. Sample collection date		X		X	
7. Laboratory sample received date		X		X	
8. Sample preservation verification (as applicable)		X		X	
9. Sample preparation/extraction/analysis dates		X		X	
10. Fully executed COC form		X		X	
11. Narrative summary of quality assurance (QA) or sample problems provided		X		X	
12. Data Package Completeness and Compliance		X		X	

ORGANIC ANALYSIS INTRODUCTION

Analyses were performed according to United States Environmental Protection Agency (USEPA) SW-846 Method 8082A. Data were reviewed in accordance with the USEPA Region II validation guidelines *Validating PCB Compounds by Gas Chromatography SW-846 Method 8082A* (October 2006), and the USEPA *National Functional Guidelines for Superfund Organic Methods Data Review* (September 2016).

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being compared may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with USEPA National Functional Guidelines:

- Concentration (C) Qualifiers

  U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

  B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.

- Quantitation (Q) Qualifiers

  E The compound was quantitated above the calibration range.

  D Concentration is based on a diluted sample analysis.

- Validation Qualifiers

  J The compound was positively identified; however, the associated numerical value is an estimated concentration only.

  UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.

  JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.

  UB Compound considered non-detect at the listed value due to associated blank contamination.

  N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.

  R The sample results are rejected.

The "R" flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon. It is also important to note that while strict QC serves to increase confidence in data, any value potentially contains error.

POLYCHLORINATED BIPHENYL ANALYSES

1. Holding Times

The specified holding times for the following methods are presented in the following table.

Method	Matrix	Holding Time	Preservation
SW-846 8082A	Water	7 days from collection to extraction and 40 days from extraction to analysis	Cool to <6°C
	Soil	14 days from collection to extraction and 40 days from extraction to analysis	Cool to <6 °C

Note:
The holding time above is a recommendation. PCBs are very stable in a variety of matrices, and holding times, under the conditions listed above, may be as long as one year per SW-846 8082A (February 2007).

All samples were analyzed within the specified holding time criteria.

2. Blank Contamination

QA blanks (i.e., method and rinse blanks) are prepared to identify contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A Blank Action Level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit. The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

Compounds were not detected above the Method Detection Limit (MDL) in the associated blanks; therefore, detected sample results were not associated with blank contamination.

3. System Performance

System performance and column resolution were acceptable.

4. Calibration

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

4.1 Initial Calibration

A maximum RSD of 20% is allowed or a correlation coefficient greater than 0.99. Multiple-point calibrations were performed for Aroclor 1016 and 1260 only. Single-point calibrations were performed for the remaining Aroclors.

4.2 Continuing Calibration

All target compounds associated with the continuing calibration standard must exhibit a %D less than the control limit (20%).

All Aroclors associated with calibrations were within the specified control limits, with the exception of the compounds presented in the following table.

Sample Locations	Initial/Continuing	Compound	Criteria
FB-040120 FB-040220	CCV %D	Aroclor 1016	+24.2%
		Aroclor 1260	+20.4%

The criteria used to evaluate the initial and continuing calibration are presented in the following table. In the case of a calibration deviation, the sample results are qualified.

Initial/Continuing	Criteria	Sample Result	Qualification
Initial Calibration	%RSD > 20%or a correlation coefficient <0.99	Non-detect	UJ
		Detect	J
Continuing Calibration	%D >20% (increase in sensitivity)	Non-detect	No Action
		Detect	J
	%D >20% (decrease in sensitivity)	Non-detect	UJ
		Detect	J

5. Surrogates/System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. PCB analysis requires that the two PCB surrogate compounds exhibit recoveries within the laboratory-established acceptance limits.

Sample locations associated with surrogates exhibiting recoveries outside of the control limits presented in the following table.

Sample Locations	Surrogate	Recovery
SB-29 (0-1) SB-35 (0-1)	Tetrachloro-m-xylene	D
	Decachlorobiphenyl	D
SB-31 (0-1)	Tetrachloro-m-xylene	AC
	Decachlorobiphenyl	<LL but >10%
SB-29 (1-2) SB-33 (0-1) SB-33 (2-4)	Tetrachloro-m-xylene	AC
	Decachlorobiphenyl	<UL

Sample Locations	Surrogate	Recovery

Notes:
Upper control limit (UL)
Lower control limit (LL)
Diluted (D)
Acceptable (AC)

The criteria used to evaluate the surrogate recoveries are presented in the following table. In the case of a surrogate deviation, the sample results are qualified as documented in the table below.

Control Limit	Sample Result	Qualification
> the upper control limit (UL)	Non-detect	No Action
	Detect	J
< the lower control limit (LL) but > 10%	Non-detect	UJ
	Detect	J
< 10%	Non-detect	R
	Detect	J
One surrogate exhibiting recovery outside the control limits but > 10%	Non-detect	No Action
	Detect	
Surrogates diluted below the calibration curve due to the high concentration of a target compound.	Non-detect	UJ/J[1]
	Detect	

Note:

[1] A more concentrated analysis was not performed with surrogate compounds within the calibration range; therefore, no determination of extraction efficiency could be made.

6. Matrix Spike/Matrix Spike Duplicate Analysis

Matrix Spike/Matrix Spike Duplicate (MS/MSD) data are used to assess the precision and accuracy of the analytical method. The compounds used to perform the MS/MSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits. The relative percent difference between the MS/MSD recoveries must exhibit an RPD within the laboratory-established acceptance limits.

Note: The MS/MSD recovery control limits do not apply for MS/MSD performed on sample locations where the compound concentration detected in the parent sample exceeds the MS/MSD concentration by a factor of four or greater.

The MS/MSD analyses exhibited recoveries and RPD within control limits.

7. Laboratory Control Sample Analysis

The Laboratory Control Sample (LCS) analysis is used to assess the accuracy of the analytical method independent of matrix interferences. The compounds associated with the LCS analysis must exhibit a percent recovery within the laboratory-established acceptance limits.

All compounds associated with the LCS analysis exhibited recoveries within the control limits.

8. Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. For soil matrices, a control limit of 50% is applied to the RPD between the parent sample and the field duplicate. In the instance when the parent and/or duplicate sample concentrations are less than or equal to 5 times the RL, a control limit of three times the RL is applied for soil matrices.

Results for duplicate samples are summarized in the following table.

Sample ID/Duplicate ID	Compound	Sample Result	Duplicate Result	RPD
SB-26 (1-2)/ DUP-040120-01	PCB-1260	0.35	0.53	AC
SB-28 (2-4)/ DUP-040120-02	PCB-1260	0.94	0.77	AC

Note:
AC Acceptable

The difference between the parent sample and field duplicate Aroclor concentrations were acceptable.

9. Compound Identification

The retention times of all quantitated peaks must fall within the calculated retention time windows for both the primary and confirmation columns. When dual column analysis is performed the relative percent difference of detected sample results must be less than 40%.

The dual column analysis exhibited an acceptable %RPD between columns.

Sample results associated with compound that exhibited a concentration greater than the linear range of the instrument calibration are summarized in the following table.

Sample ID	Compound	Original Analysis	Diluted Analysis	Reported Analysis
SB-34 (0-1)	PCB-1260	6.1 E	--	6.1 EJ

Note: In the instance where both the original analysis and the diluted analysis sample results exhibited a concentration greater than and/or less than the calibration linear range of the instrument; the sample result exhibiting the greatest concentration will be reported as the final result.

Sample results associated with compounds exhibiting concentrations greater than the linear range are qualified as documented in the table below when reported as the final reported sample result.

Reported Sample Results	Qualification
Diluted sample result within calibration range	D
Diluted sample result less than the calibration range	DJ
Diluted sample result greater than the calibration range	EDJ
Original sample result greater than the calibration range	EJ

10. System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

DATA VALIDATION CHECKLIST FOR PCBs

PCBs: SW-846 8082A	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
GAS CHROMATOGRAPHY (GC/ECD)					
Tier II Validation					
Holding times		X		X	
Reporting limits (units)		X		X	
Blanks					
A. Method blanks		X		X	
B. Equipment blanks		X		X	
Laboratory Control Sample (LCS) %R		X		X	
Laboratory Control Sample Duplicate (LCSD) %R	X				
LCS/LCSD Precision (RPD)	X				
Matrix Spike (MS) %R		X		X	
Matrix Spike Duplicate (MSD) %R		X		X	
MS/MSD Precision (RPD)		X		X	
Field/Lab Duplicate (RPD)		X		X	
Surrogate Spike Recoveries		X	X		
Column (RPD) (If dual column is performed-not confirmation purposes only)		X		X	
Dilution Factor		X		X	
Moisture Content		X		X	
Tier III Validation					
Initial calibration %RSDs		X		X	
Continuing calibration %Ds		X	X		
System performance and column resolution		X		X	
Compound identification and quantitation					
A. Quantitation Reports		X		X	
B. RT of sample compounds within the established RT windows		X		X	
C. Pattern identification		X		X	
D. Transcription/calculation errors present		X		X	
E. Reporting limits adjusted to reflect sample dilutions		X		X	

Notes:

%RSD Relative standard deviation

%R Percent recovery

RPD Relative percent difference

%D Percent difference

SAMPLE COMPLIANCE REPORT

SAMPLE COMPLIANCE REPORT

Sample Delivery Group (SDG)	Sampling Date	Protocol	Sample ID	Matrix	Compliancy[1]			Noncompliance
					PCB	MET	MISC	
480-146076-1	4/1/2020	SW846	SB-26 (0-1)_20200401	Soil	Yes	--	--	
	4/1/2020	SW846	SB-26 (1-2)_20200401	Soil	Yes	--	--	
	4/1/2020	SW846	SB-26 (2-4)_20200401	Soil	Yes	--	--	
	4/1/2020	SW846	SB-26 (4-6)_20200401	Soil	Yes	--	--	
	4/1/2020	SW846	SB-27 (0-1)_20200401	Soil	Yes	--	--	
	4/1/2020	SW846	SB-27 (1-2)_20200401	Soil	Yes	--	--	
	4/1/2020	SW846	SB-27 (2-4)_20200401	Soil	Yes	--	--	
	4/1/2020	SW846	SB-27 (4-6)_20200401	Soil	Yes	--	--	
	4/1/2020	SW846	SB-28 (0-1)_20200401	Soil	Yes	--	--	
	4/1/2020	SW846	SB-28 (1-2)_20200401	Soil	Yes	--	--	
	4/1/2020	SW846	SB-28 (2-4)_20200401	Soil	Yes	--	--	
	4/1/2020	SW846	SB-28 (4-6)_20200401	Soil	Yes	--	--	
	4/1/2020	SW846	SB-29 (0-1)_20200401	Soil	No	--	--	PCB – Surrogates diluted out
	4/1/2020	SW846	SB-29 (1-2)_20200401	Soil	Yes	--	--	
	4/1/2020	SW846	SB-29 (2-4)_20200401	Soil	Yes	--	--	
	4/1/2020	SW846	SB-33 (0-1)_20200401	Soil	Yes	--	--	
	4/1/2020	SW846	SB-33 (1-2)_20200401	Soil	Yes	--	--	
	4/1/2020	SW846	SB-33 (2-4)_20200401	Soil	Yes	--	--	
	4/1/2020	SW846	SB-34 (0-1)_20200401	Soil	No	--	--	PCB – Compound over calibration range
	4/1/2020	SW846	SB-35 (0-1)_20200401	Soil	No	--	--	PCB – Surrogates diluted out

Sample Delivery Group (SDG)	Sampling Date	Protocol	Sample ID	Matrix	Compliancy[1]			Noncompliance
					PCB	MET	MISC	
	4/1/2020	SW846	DUP-040120-01	Soil	Yes	--	--	
	4/1/2020	SW846	DUP-040120-02	Soil	Yes	--	--	
	4/2/2020	SW846	SB-30 (4-6)_20200402	Soil	Yes	--	--	
	4/2/2020	SW846	SB-30 (6-8)_20200402	Soil	Yes	--	--	
	4/2/2020	SW846	SB-30 (8-10)_20200402	Soil	Yes	--	--	
	4/2/2020	SW846	SB-32 (0-1)_20200402	Soil	Yes	--	--	
	4/2/2020	SW846	SB-32 (1-2)_20200402	Soil	Yes	--	--	
	4/2/2020	SW846	SB-32 (2-4)_20200402	Soil	Yes	--	--	
	4/2/2020	SW846	SB-32 (4-6)_20200402	Soil	Yes	--	--	
	4/2/2020	SW846	SB-32 (6-8)_20200402	Soil	Yes	--	--	
	4/2/2020	SW846	SB-31 (0-1)_20200402	Soil	Yes	--	--	
	4/2/2020	SW846	SB-31 (1-2)_20200402	Soil	Yes	--	--	
	4/2/2020	SW846	SB-31 (2-4)_20200402	Soil	Yes	--	--	
	4/2/2020	SW846	SB-31 (4-6)_20200402	Soil	Yes	--	--	
	4/2/2020	SW846	SB-31 (6-8)_20200402	Soil	Yes	--	--	
	4/1/2020	SW846	FB-040120	Soil	Yes	--	--	
	4/2/2020	SW846	FB-040220	Soil	Yes	--	--	

Note:

1 Samples which are compliant with no added validation qualifiers are listed as "yes". Samples which are non-compliant or which have added qualifiers are listed as "no". A "no" designation does not necessarily indicate that the data have been rejected or are otherwise unusable.

VALIDATION PERFORMED BY: Andrew Korycinski

SIGNATURE: 

DATE: April 22, 2020

PEER REVIEW: Dennis Capria

DATE: April 24, 2020

CHAIN OF CUSTODY

CORRECTED SAMPLE ANALYSIS DATA SHEETS

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing TestAmerica

Client Information	Sampler: Daniel Meandro	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-144400-32157.1
Client Contact: Mr. David Cornell	Phone: 315-992-6568	E-Mail: john.schove@testamericainc.com		Page: Page 1 of 5
Company: ARCADIS U.S. Inc				Job #:
Address: One Lincoln Center 110 West Fayette St, Suite 300	Due Date Requested:			
City: Syracuse	TAT Requested (days): 7 Calendar Standard			
State, Zip: NY, 13202				
Phone: 315-671-9379(Tel)	PO #: 30006040			
Email: david.cornell@arcadis-us.com	WO #:			
Project Name: GE - Tonawanda	Project #: 48017567			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, M - Hexane, N - None, O - AsNaO2, P - Na2O4S

480-168197 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - PCBs	6010C, 7470A	1010A - Ignitability	Total Number	Special Instructions/Note:
			Preservation Code:				N	N	N		
SB-26 (0-1)	4-1-20	0815	C	Solid			X			1	
SB-26 (1-2)	4-1-20	0830	C	Solid			X			1	
SB-26 (2-4)	4-1-20	0850	C	Solid			X			1	
SB-26 (4-6)	4-1-20	0925	C	Solid			X			1	
SB-26-WC	4-1-20	0930	C	Solid				X	X	2	
SB-27 (0-1)	4-1-20	1005	C	Solid			X			1	
SB-27 (1-2)	4-1-20	1020	C	Solid			X			1	
SB-27 (2-4)	4-1-20	1040	C	Solid		X	X			2	
SB-27 (4-6)	4-1-20	1055	C	Solid			X			1	
SB-27-WC	4-1-20	1100	C	Solid				X	X	2	
SB-28 (0-1)	4-1-20	1105	C	Solid			X			1	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

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

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Dan Meandro	4-2-20 1335	Arcadis			
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 4/2/20 1335	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 4.6 3.7 #1 ICE

Ver: 01/16/2019

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing TestAmerica

Client Information	Sampler: Daniel Meandro	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-144400-32157.2
Client Contact: Mr. David Cornell	Phone: 315-992-0558	E-Mail: john.schove@testamericainc.com		Page: Page 2 of 5
Company: ARCADIS U.S. Inc				Job #:

Address: One Lincoln Center 110 West Fayette St, Suite 300	Due Date Requested:
City: Syracuse	TAT Requested (days):
State, Zip: NY, 13202	
Phone: 315-671-9379(Tel)	PO #: 30006040
Email: david.cornell@arcadis-us.com	WO #:
Project Name: GE - Tonawanda	Project #: 48017567
Site:	SSOW#:

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - PCBs	6010C, 7470A	1010A - Ignitability	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N		
SB-28 (1-2)	4-1-20	1115	C	Solid		X	X			2	
SB-28 (2-4)	4-1-20	1130	C	Solid			X			1	
SB-28 (4-6)	4-1-20	1145	C	Solid			X			1	
SB-29 (0-1)	4-1-20	1155	C	Solid			X			1	
SB-29 (1-2)	4-1-20	1215	C	Solid			X			1	
SB-29 (2-4)	4-1-20	1230	C	Solid			X			1	
SB-33 (0-1)	4-1-20	1340	C	Solid			X			1	
SB-33 (1-2)	4-1-20	1355	C	Solid			X			1	
SB-33 (2-4)	4-1-20	1415	C	Solid			X			1	
SB-29-WC	4-1-20	1235	C	Solid				X	X	2	
SB-33-WC	4-1-20	1420	C	Solid				X	X	2	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

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

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Dan Meandro	4-2-20 1335	Arcadis			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				4/2/20 1335	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing TestAmerica

Client Information	Sampler: Daniel Meandro	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-144400-32157.3
Client Contact: Mr. David Cornell	Phone: 315-992-0568	E-Mail: john.schove@testamericainc.com		Page: Page 3 of 5
Company: ARCADIS U.S. Inc				Job #:

Address: One Lincoln Center 110 West Fayette St, Suite 300	Due Date Requested:
City: Syracuse	TAT Requested (days):
State, Zip: NY, 13202	
Phone: 315-671-9379(Tel)	PO #: 30006040
Email: david.cornell@arcadis-us.com	WO #:
Project Name: GE - Tonawanda	Project #: 48017567
Site:	SSOW#:

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - PCBs	6010C, 7470A	1010A - Ignitability	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N		
SB-34(0-1)	4-1-20	1445	C	Solid			X			1	
SB-34-WC	4-1-20	1450	C	Solid				X	X	2	
SB-35(0-1)	4-1-20	1515	C	Solid			X			1	
DUP-040120-01	4-1-20	/	C	Solid			X			1	
DUP-040120-02	4-1-20	/	C	Solid			X			1	
SB-30(4-6)	4-2-20	0745	C	Solid			X			1	
SB-30(6-8)	4-2-20	0750	C	Solid			X			1	
SB-30(8-10)	4-2-20	0800	C	Solid			X			1	
SB-32(0-1)	4-2-20	0845	C	Solid			X			1	
SB-32(1-2)	4-2-20	0900	C	Solid			X			1	
SB-32(2-4)	4-2-20	0920	C	Solid			X			1	Archive

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

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

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 4-2-20 1335	Company: Arcadis	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 4/2/20 1335	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing TestAmerica

Client Information	Sampler: Daniel Meandro	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-144400-32157.4
Client Contact: Mr. David Cornell	Phone: 315-992-0568	E-Mail: john.schove@testamericainc.com		Page: Page 4 of 5
Company: ARCADIS U.S. Inc				Job #:
Address: One Lincoln Center 110 West Fayette St, Suite 300	Due Date Requested:			
City: Syracuse	TAT Requested (days):			
State, Zip: NY, 13202				
Phone: 315-671-9379(Tel)	PO #: 30006040			
Email: david.cornell@arcadis-us.com	WO #:			
Project Name: GE - Tonawanda	Project #: 48017567			
Site: GE Tonawanda	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - PCBs	6010C, 7470A	1010A - Ignitability	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N		
SB-32 (4-6)	4-2-20	0935	C	Solid			X			1	Archive
SB-32 (6-8)	4-2-20	0940	C	Solid			X			1	Archive
SB-31 (0-1)	4-2-20	1040	C	Solid			X			1	
SB-31 (1-2)	4-2-20	1055	C	Solid			X			1	
SB-31 (2-4)	4-2-20	1130	C	Solid			X			1	Archive
SB-31 (4-6)	4-2-20	1145	C	Solid			X			1	Archive
SB-31 (6-8)	4-2-20	1205	C	Solid			X			1	Archive
SB-31-WC	4-2-20	1210	C	Solid				X	X	2	
FB-040120	4-1-20	1700	G	~~Solid~~						2	
FB-040220	4-2-20	1250	G	~~Solid~~						2	
				~~Solid~~							

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

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

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	4.2.20 1335	[illegible]			
2				[signature]	4/2/20 1335	[illegible]
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

Client Sample ID: SB-26 (0-1)

Lab Sample ID: 480-168197-1

Date Collected: 04/01/20 08:15
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 98.3

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.22	0.043	mg/Kg	☼	04/06/20 15:09	04/07/20 17:05	1
PCB-1221	ND		0.22	0.043	mg/Kg	☼	04/06/20 15:09	04/07/20 17:05	1
PCB-1232	ND		0.22	0.043	mg/Kg	☼	04/06/20 15:09	04/07/20 17:05	1
PCB-1242	ND		0.22	0.043	mg/Kg	☼	04/06/20 15:09	04/07/20 17:05	1
PCB-1248	ND		0.22	0.043	mg/Kg	☼	04/06/20 15:09	04/07/20 17:05	1
PCB-1254	ND		0.22	0.10	mg/Kg	☼	04/06/20 15:09	04/07/20 17:05	1
PCB-1260	ND		0.22	0.10	mg/Kg	☼	04/06/20 15:09	04/07/20 17:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*88*		*60 - 154*	*04/06/20 15:09*	*04/07/20 17:05*	*1*
Tetrachloro-m-xylene	*82*		*60 - 154*	*04/06/20 15:09*	*04/07/20 17:05*	*1*
DCB Decachlorobiphenyl	*78*		*65 - 174*	*04/06/20 15:09*	*04/07/20 17:05*	*1*
DCB Decachlorobiphenyl	*94*		*65 - 174*	*04/06/20 15:09*	*04/07/20 17:05*	*1*

Client Sample ID: SB-26 (1-2)

Lab Sample ID: 480-168197-2

Date Collected: 04/01/20 08:30
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 84.0

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.24	0.047	mg/Kg	☼	04/06/20 15:09	04/07/20 17:18	1
PCB-1221	ND		0.24	0.047	mg/Kg	☼	04/06/20 15:09	04/07/20 17:18	1
PCB-1232	ND		0.24	0.047	mg/Kg	☼	04/06/20 15:09	04/07/20 17:18	1
PCB-1242	ND		0.24	0.047	mg/Kg	☼	04/06/20 15:09	04/07/20 17:18	1
PCB-1248	ND		0.24	0.047	mg/Kg	☼	04/06/20 15:09	04/07/20 17:18	1
PCB-1254	ND		0.24	0.11	mg/Kg	☼	04/06/20 15:09	04/07/20 17:18	1
PCB-1260	**0.35**		0.24	0.11	mg/Kg	☼	04/06/20 15:09	04/07/20 17:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*100*		*60 - 154*	*04/06/20 15:09*	*04/07/20 17:18*	*1*
Tetrachloro-m-xylene	*91*		*60 - 154*	*04/06/20 15:09*	*04/07/20 17:18*	*1*
DCB Decachlorobiphenyl	*92*		*65 - 174*	*04/06/20 15:09*	*04/07/20 17:18*	*1*
DCB Decachlorobiphenyl	*107*		*65 - 174*	*04/06/20 15:09*	*04/07/20 17:18*	*1*

Client Sample ID: SB-26 (2-4)

Lab Sample ID: 480-168197-3

Date Collected: 04/01/20 08:50
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 83.4

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.28	0.054	mg/Kg	☼	04/06/20 15:09	04/07/20 17:30	1
PCB-1221	ND		0.28	0.054	mg/Kg	☼	04/06/20 15:09	04/07/20 17:30	1
PCB-1232	ND		0.28	0.054	mg/Kg	☼	04/06/20 15:09	04/07/20 17:30	1
PCB-1242	ND		0.28	0.054	mg/Kg	☼	04/06/20 15:09	04/07/20 17:30	1
PCB-1248	ND		0.28	0.054	mg/Kg	☼	04/06/20 15:09	04/07/20 17:30	1
PCB-1254	ND		0.28	0.13	mg/Kg	☼	04/06/20 15:09	04/07/20 17:30	1
PCB-1260	ND		0.28	0.13	mg/Kg	☼	04/06/20 15:09	04/07/20 17:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*102*		*60 - 154*	*04/06/20 15:09*	*04/07/20 17:30*	*1*
Tetrachloro-m-xylene	*94*		*60 - 154*	*04/06/20 15:09*	*04/07/20 17:30*	*1*

Client Sample ID: SB-26 (2-4)

Lab Sample ID: 480-168197-3
Date Collected: 04/01/20 08:50
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 83.4

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*94*		*65 - 174*	*04/06/20 15:09*	*04/07/20 17:30*	*1*
DCB Decachlorobiphenyl	*109*		*65 - 174*	*04/06/20 15:09*	*04/07/20 17:30*	*1*

Client Sample ID: SB-26 (4-6)

Lab Sample ID: 480-168197-4
Date Collected: 04/01/20 09:25
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 85.9

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:09	04/07/20 17:43	1
PCB-1221	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:09	04/07/20 17:43	1
PCB-1232	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:09	04/07/20 17:43	1
PCB-1242	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:09	04/07/20 17:43	1
PCB-1248	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:09	04/07/20 17:43	1
PCB-1254	ND		0.26	0.12	mg/Kg	☼	04/06/20 15:09	04/07/20 17:43	1
PCB-1260	ND		0.26	0.12	mg/Kg	☼	04/06/20 15:09	04/07/20 17:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*95*		*60 - 154*	*04/06/20 15:09*	*04/07/20 17:43*	*1*
Tetrachloro-m-xylene	*87*		*60 - 154*	*04/06/20 15:09*	*04/07/20 17:43*	*1*
DCB Decachlorobiphenyl	*88*		*65 - 174*	*04/06/20 15:09*	*04/07/20 17:43*	*1*
DCB Decachlorobiphenyl	*105*		*65 - 174*	*04/06/20 15:09*	*04/07/20 17:43*	*1*

Client Sample ID: SB-26-WC

Lab Sample ID: 480-168197-5
Date Collected: 04/01/20 09:30
Matrix: Solid
Date Received: 04/02/20 13:35

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0086**	**J**	0.015	0.0056	mg/L		04/08/20 10:25	04/08/20 17:02	1
Barium	**0.84**	**J**	1.0	0.10	mg/L		04/08/20 10:25	04/08/20 17:02	1
Cadmium	**0.0022**		0.0020	0.00050	mg/L		04/08/20 10:25	04/08/20 17:02	1
Chromium	ND		0.020	0.010	mg/L		04/08/20 10:25	04/08/20 17:02	1
Lead	ND		0.020	0.0030	mg/L		04/08/20 10:25	04/08/20 17:02	1
Selenium	ND		0.025	0.0087	mg/L		04/08/20 10:25	04/08/20 17:02	1
Silver	ND		0.0060	0.0017	mg/L		04/08/20 10:25	04/08/20 17:02	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		04/08/20 11:41	04/08/20 16:20	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>180**		50.0	50.0	Degrees F			04/07/20 01:16	1

Client Sample ID: SB-27 (0-1)

Lab Sample ID: 480-168197-6

Date Collected: 04/01/20 10:05
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 84.6

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.25	0.049	mg/Kg	☼	04/06/20 15:09	04/07/20 17:56	1
PCB-1221	ND		0.25	0.049	mg/Kg	☼	04/06/20 15:09	04/07/20 17:56	1
PCB-1232	ND		0.25	0.049	mg/Kg	☼	04/06/20 15:09	04/07/20 17:56	1
PCB-1242	ND		0.25	0.049	mg/Kg	☼	04/06/20 15:09	04/07/20 17:56	1
PCB-1248	ND		0.25	0.049	mg/Kg	☼	04/06/20 15:09	04/07/20 17:56	1
PCB-1254	ND		0.25	0.12	mg/Kg	☼	04/06/20 15:09	04/07/20 17:56	1
PCB-1260	**3.3**		0.25	0.12	mg/Kg	☼	04/06/20 15:09	04/07/20 17:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*102*		*60 - 154*	*04/06/20 15:09*	*04/07/20 17:56*	*1*
Tetrachloro-m-xylene	*95*		*60 - 154*	*04/06/20 15:09*	*04/07/20 17:56*	*1*
DCB Decachlorobiphenyl	*90*		*65 - 174*	*04/06/20 15:09*	*04/07/20 17:56*	*1*
DCB Decachlorobiphenyl	*107*		*65 - 174*	*04/06/20 15:09*	*04/07/20 17:56*	*1*

Client Sample ID: SB-27 (1-2)

Lab Sample ID: 480-168197-7

Date Collected: 04/01/20 10:20
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 83.6

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.27	0.054	mg/Kg	☼	04/06/20 15:09	04/07/20 18:09	1
PCB-1221	ND		0.27	0.054	mg/Kg	☼	04/06/20 15:09	04/07/20 18:09	1
PCB-1232	ND		0.27	0.054	mg/Kg	☼	04/06/20 15:09	04/07/20 18:09	1
PCB-1242	ND		0.27	0.054	mg/Kg	☼	04/06/20 15:09	04/07/20 18:09	1
PCB-1248	ND		0.27	0.054	mg/Kg	☼	04/06/20 15:09	04/07/20 18:09	1
PCB-1254	ND		0.27	0.13	mg/Kg	☼	04/06/20 15:09	04/07/20 18:09	1
PCB-1260	ND		0.27	0.13	mg/Kg	☼	04/06/20 15:09	04/07/20 18:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*99*		*60 - 154*	*04/06/20 15:09*	*04/07/20 18:09*	*1*
Tetrachloro-m-xylene	*88*		*60 - 154*	*04/06/20 15:09*	*04/07/20 18:09*	*1*
DCB Decachlorobiphenyl	*93*		*65 - 174*	*04/06/20 15:09*	*04/07/20 18:09*	*1*
DCB Decachlorobiphenyl	*112*		*65 - 174*	*04/06/20 15:09*	*04/07/20 18:09*	*1*

Client Sample ID: SB-27 (2-4)

Lab Sample ID: 480-168197-8

Date Collected: 04/01/20 10:40
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 88.3

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:09	04/07/20 16:52	1
PCB-1221	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:09	04/07/20 16:52	1
PCB-1232	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:09	04/07/20 16:52	1
PCB-1242	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:09	04/07/20 16:52	1
PCB-1248	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:09	04/07/20 16:52	1
PCB-1254	ND		0.26	0.12	mg/Kg	☼	04/06/20 15:09	04/07/20 16:52	1
PCB-1260	ND		0.26	0.12	mg/Kg	☼	04/06/20 15:09	04/07/20 16:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*103*		*60 - 154*	*04/06/20 15:09*	*04/07/20 16:52*	*1*
Tetrachloro-m-xylene	*92*		*60 - 154*	*04/06/20 15:09*	*04/07/20 16:52*	*1*

Client Sample ID: SB-27 (2-4)

Lab Sample ID: 480-168197-8
Date Collected: 04/01/20 10:40
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 88.3

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*94*		*65 - 174*	*04/06/20 15:09*	*04/07/20 16:52*	*1*
DCB Decachlorobiphenyl	*111*		*65 - 174*	*04/06/20 15:09*	*04/07/20 16:52*	*1*

Client Sample ID: SB-27 (4-6)

Lab Sample ID: 480-168197-9
Date Collected: 04/01/20 10:55
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 86.0

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.26	0.050	mg/Kg	☼	04/06/20 15:09	04/07/20 18:22	1
PCB-1221	ND		0.26	0.050	mg/Kg	☼	04/06/20 15:09	04/07/20 18:22	1
PCB-1232	ND		0.26	0.050	mg/Kg	☼	04/06/20 15:09	04/07/20 18:22	1
PCB-1242	ND		0.26	0.050	mg/Kg	☼	04/06/20 15:09	04/07/20 18:22	1
PCB-1248	ND		0.26	0.050	mg/Kg	☼	04/06/20 15:09	04/07/20 18:22	1
PCB-1254	ND		0.26	0.12	mg/Kg	☼	04/06/20 15:09	04/07/20 18:22	1
PCB-1260	ND		0.26	0.12	mg/Kg	☼	04/06/20 15:09	04/07/20 18:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*91*		*60 - 154*	*04/06/20 15:09*	*04/07/20 18:22*	*1*
Tetrachloro-m-xylene	*84*		*60 - 154*	*04/06/20 15:09*	*04/07/20 18:22*	*1*
DCB Decachlorobiphenyl	*82*		*65 - 174*	*04/06/20 15:09*	*04/07/20 18:22*	*1*
DCB Decachlorobiphenyl	*97*		*65 - 174*	*04/06/20 15:09*	*04/07/20 18:22*	*1*

Client Sample ID: SB-27-WC

Lab Sample ID: 480-168197-10
Date Collected: 04/01/20 11:00
Matrix: Solid
Date Received: 04/02/20 13:35

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0060**	**J**	0.015	0.0056	mg/L		04/08/20 10:25	04/08/20 17:32	1
Barium	**0.43**	**J**	1.0	0.10	mg/L		04/08/20 10:25	04/08/20 17:32	1
Cadmium	**0.0021**		0.0020	0.00050	mg/L		04/08/20 10:25	04/08/20 17:32	1
Chromium	ND		0.020	0.010	mg/L		04/08/20 10:25	04/08/20 17:32	1
Lead	ND		0.020	0.0030	mg/L		04/08/20 10:25	04/08/20 17:32	1
Selenium	ND		0.025	0.0087	mg/L		04/08/20 10:25	04/08/20 17:32	1
Silver	ND		0.0060	0.0017	mg/L		04/08/20 10:25	04/08/20 17:32	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		04/08/20 11:41	04/08/20 16:29	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>180**		50.0	50.0	Degrees F			04/07/20 01:16	1

Client Sample ID: SB-28 (0-1)

Lab Sample ID: 480-168197-11

Date Collected: 04/01/20 11:05
Date Received: 04/02/20 13:35

Matrix: Solid
Percent Solids: 99.7

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.23	0.045	mg/Kg	☼	04/06/20 15:09	04/07/20 18:34	1
PCB-1221	ND		0.23	0.045	mg/Kg	☼	04/06/20 15:09	04/07/20 18:34	1
PCB-1232	ND		0.23	0.045	mg/Kg	☼	04/06/20 15:09	04/07/20 18:34	1
PCB-1242	ND		0.23	0.045	mg/Kg	☼	04/06/20 15:09	04/07/20 18:34	1
PCB-1248	ND		0.23	0.045	mg/Kg	☼	04/06/20 15:09	04/07/20 18:34	1
PCB-1254	ND		0.23	0.11	mg/Kg	☼	04/06/20 15:09	04/07/20 18:34	1
PCB-1260	ND		0.23	0.11	mg/Kg	☼	04/06/20 15:09	04/07/20 18:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*109*		*60 - 154*	*04/06/20 15:09*	*04/07/20 18:34*	*1*
Tetrachloro-m-xylene	*102*		*60 - 154*	*04/06/20 15:09*	*04/07/20 18:34*	*1*
DCB Decachlorobiphenyl	*97*		*65 - 174*	*04/06/20 15:09*	*04/07/20 18:34*	*1*
DCB Decachlorobiphenyl	*120*		*65 - 174*	*04/06/20 15:09*	*04/07/20 18:34*	*1*

Client Sample ID: SB-28 (1-2)

Lab Sample ID: 480-168197-12

Date Collected: 04/01/20 11:15
Date Received: 04/02/20 13:35

Matrix: Solid
Percent Solids: 97.1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.23	0.044	mg/Kg	☼	04/06/20 15:14	04/09/20 16:37	1
PCB-1221	ND		0.23	0.044	mg/Kg	☼	04/06/20 15:14	04/09/20 16:37	1
PCB-1232	ND		0.23	0.044	mg/Kg	☼	04/06/20 15:14	04/09/20 16:37	1
PCB-1242	ND		0.23	0.044	mg/Kg	☼	04/06/20 15:14	04/09/20 16:37	1
PCB-1248	ND		0.23	0.044	mg/Kg	☼	04/06/20 15:14	04/09/20 16:37	1
PCB-1254	ND		0.23	0.11	mg/Kg	☼	04/06/20 15:14	04/09/20 16:37	1
PCB-1260	**0.12**	**J**	0.23	0.11	mg/Kg	☼	04/06/20 15:14	04/09/20 16:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*104*		*60 - 154*	*04/06/20 15:14*	*04/09/20 16:37*	*1*
Tetrachloro-m-xylene	*96*		*60 - 154*	*04/06/20 15:14*	*04/09/20 16:37*	*1*
DCB Decachlorobiphenyl	*93*		*65 - 174*	*04/06/20 15:14*	*04/09/20 16:37*	*1*
DCB Decachlorobiphenyl	*108*		*65 - 174*	*04/06/20 15:14*	*04/09/20 16:37*	*1*

Client Sample ID: SB-28 (2-4)

Lab Sample ID: 480-168197-13

Date Collected: 04/01/20 11:30
Date Received: 04/02/20 13:35

Matrix: Solid
Percent Solids: 91.6

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.24	0.047	mg/Kg	☼	04/06/20 15:14	04/09/20 16:50	1
PCB-1221	ND		0.24	0.047	mg/Kg	☼	04/06/20 15:14	04/09/20 16:50	1
PCB-1232	ND		0.24	0.047	mg/Kg	☼	04/06/20 15:14	04/09/20 16:50	1
PCB-1242	ND		0.24	0.047	mg/Kg	☼	04/06/20 15:14	04/09/20 16:50	1
PCB-1248	ND		0.24	0.047	mg/Kg	☼	04/06/20 15:14	04/09/20 16:50	1
PCB-1254	ND		0.24	0.11	mg/Kg	☼	04/06/20 15:14	04/09/20 16:50	1
PCB-1260	**0.94**		0.24	0.11	mg/Kg	☼	04/06/20 15:14	04/09/20 16:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*110*		*60 - 154*	*04/06/20 15:14*	*04/09/20 16:50*	*1*
Tetrachloro-m-xylene	*98*		*60 - 154*	*04/06/20 15:14*	*04/09/20 16:50*	*1*

Client Sample ID: SB-28 (2-4)

Lab Sample ID: 480-168197-13
Date Collected: 04/01/20 11:30
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 91.6

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*93*		*65 - 174*	*04/06/20 15:14*	*04/09/20 16:50*	*1*
DCB Decachlorobiphenyl	*111*		*65 - 174*	*04/06/20 15:14*	*04/09/20 16:50*	*1*

Client Sample ID: SB-28 (4-6)

Lab Sample ID: 480-168197-14
Date Collected: 04/01/20 11:45
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 86.7

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:14	04/09/20 17:03	1
PCB-1221	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:14	04/09/20 17:03	1
PCB-1232	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:14	04/09/20 17:03	1
PCB-1242	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:14	04/09/20 17:03	1
PCB-1248	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:14	04/09/20 17:03	1
PCB-1254	ND		0.26	0.12	mg/Kg	☼	04/06/20 15:14	04/09/20 17:03	1
PCB-1260	ND		0.26	0.12	mg/Kg	☼	04/06/20 15:14	04/09/20 17:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*111*		*60 - 154*	*04/06/20 15:14*	*04/09/20 17:03*	*1*
Tetrachloro-m-xylene	*97*		*60 - 154*	*04/06/20 15:14*	*04/09/20 17:03*	*1*
DCB Decachlorobiphenyl	*95*		*65 - 174*	*04/06/20 15:14*	*04/09/20 17:03*	*1*
DCB Decachlorobiphenyl	*112*		*65 - 174*	*04/06/20 15:14*	*04/09/20 17:03*	*1*

Client Sample ID: SB-29 (0-1)

Lab Sample ID: 480-168197-15
Date Collected: 04/01/20 11:55
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 97.5

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	UJ	41	7.9	mg/Kg	☼	04/06/20 15:14	04/09/20 21:19	200
PCB-1221	ND		41	7.9	mg/Kg	☼	04/06/20 15:14	04/09/20 21:19	200
PCB-1232	ND		41	7.9	mg/Kg	☼	04/06/20 15:14	04/09/20 21:19	200
PCB-1242	ND		41	7.9	mg/Kg	☼	04/06/20 15:14	04/09/20 21:19	200
PCB-1248	ND		41	7.9	mg/Kg	☼	04/06/20 15:14	04/09/20 21:19	200
PCB-1254	ND		41	19	mg/Kg	☼	04/06/20 15:14	04/09/20 21:19	200
PCB-1260	**730**	J	41	19	mg/Kg	☼	04/06/20 15:14	04/09/20 21:19	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*169*	*X*	*60 - 154*	*04/06/20 15:14*	*04/09/20 21:19*	*200*
Tetrachloro-m-xylene	*57*	*X*	*60 - 154*	*04/06/20 15:14*	*04/09/20 21:19*	*200*
DCB Decachlorobiphenyl	*0*	*X*	*65 - 174*	*04/06/20 15:14*	*04/09/20 21:19*	*200*
DCB Decachlorobiphenyl	*0*	*X*	*65 - 174*	*04/06/20 15:14*	*04/09/20 21:19*	*200*

Client Sample ID: SB-29 (1-2)

Lab Sample ID: 480-168197-16
Date Collected: 04/01/20 12:15
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 82.9

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		13	2.5	mg/Kg	☼	04/06/20 15:14	04/09/20 21:32	50
PCB-1221	ND		13	2.5	mg/Kg	☼	04/06/20 15:14	04/09/20 21:32	50

Client Sample ID: SB-29 (1-2)
Lab Sample ID: 480-168197-16
Date Collected: 04/01/20 12:15
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 82.9

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	ND		13	2.5	mg/Kg	☼	04/06/20 15:14	04/09/20 21:32	50
PCB-1242	ND		13	2.5	mg/Kg	☼	04/06/20 15:14	04/09/20 21:32	50
PCB-1248	ND		13	2.5	mg/Kg	☼	04/06/20 15:14	04/09/20 21:32	50
PCB-1254	ND		13	5.9	mg/Kg	☼	04/06/20 15:14	04/09/20 21:32	50
PCB-1260	**240**		13	5.9	mg/Kg	☼	04/06/20 15:14	04/09/20 21:32	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*151*		*60 - 154*	*04/06/20 15:14*	*04/09/20 21:32*	*50*
Tetrachloro-m-xylene	*119*		*60 - 154*	*04/06/20 15:14*	*04/09/20 21:32*	*50*
DCB Decachlorobiphenyl	*91*		*65 - 174*	*04/06/20 15:14*	*04/09/20 21:32*	*50*
DCB Decachlorobiphenyl	*469*	*X*	*65 - 174*	*04/06/20 15:14*	*04/09/20 21:32*	*50*

Client Sample ID: SB-29 (2-4)
Lab Sample ID: 480-168197-17
Date Collected: 04/01/20 12:30
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 86.1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:14	04/09/20 17:41	1
PCB-1221	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:14	04/09/20 17:41	1
PCB-1232	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:14	04/09/20 17:41	1
PCB-1242	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:14	04/09/20 17:41	1
PCB-1248	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:14	04/09/20 17:41	1
PCB-1254	ND		0.26	0.12	mg/Kg	☼	04/06/20 15:14	04/09/20 17:41	1
PCB-1260	**5.0**		0.26	0.12	mg/Kg	☼	04/06/20 15:14	04/09/20 17:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*106*		*60 - 154*	*04/06/20 15:14*	*04/09/20 17:41*	*1*
Tetrachloro-m-xylene	*95*		*60 - 154*	*04/06/20 15:14*	*04/09/20 17:41*	*1*
DCB Decachlorobiphenyl	*96*		*65 - 174*	*04/06/20 15:14*	*04/09/20 17:41*	*1*
DCB Decachlorobiphenyl	*116*		*65 - 174*	*04/06/20 15:14*	*04/09/20 17:41*	*1*

Client Sample ID: SB-33 (0-1)
Lab Sample ID: 480-168197-18
Date Collected: 04/01/20 13:40
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 97.0

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		5.1	0.99	mg/Kg	☼	04/06/20 15:14	04/09/20 21:45	20
PCB-1221	ND		5.1	0.99	mg/Kg	☼	04/06/20 15:14	04/09/20 21:45	20
PCB-1232	ND		5.1	0.99	mg/Kg	☼	04/06/20 15:14	04/09/20 21:45	20
PCB-1242	ND		5.1	0.99	mg/Kg	☼	04/06/20 15:14	04/09/20 21:45	20
PCB-1248	ND		5.1	0.99	mg/Kg	☼	04/06/20 15:14	04/09/20 21:45	20
PCB-1254	ND		5.1	2.4	mg/Kg	☼	04/06/20 15:14	04/09/20 21:45	20
PCB-1260	**53**		5.1	2.4	mg/Kg	☼	04/06/20 15:14	04/09/20 21:45	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*143*		*60 - 154*	*04/06/20 15:14*	*04/09/20 21:45*	*20*
Tetrachloro-m-xylene	*133*		*60 - 154*	*04/06/20 15:14*	*04/09/20 21:45*	*20*
DCB Decachlorobiphenyl	*70*		*65 - 174*	*04/06/20 15:14*	*04/09/20 21:45*	*20*
DCB Decachlorobiphenyl	*277*	*X*	*65 - 174*	*04/06/20 15:14*	*04/09/20 21:45*	*20*

Client Sample ID: SB-33 (1-2)

Lab Sample ID: 480-168197-19

Date Collected: 04/01/20 13:55
Date Received: 04/02/20 13:35

Matrix: Solid
Percent Solids: 84.6

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:14	04/09/20 18:07	1
PCB-1221	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:14	04/09/20 18:07	1
PCB-1232	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:14	04/09/20 18:07	1
PCB-1242	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:14	04/09/20 18:07	1
PCB-1248	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:14	04/09/20 18:07	1
PCB-1254	ND		0.26	0.12	mg/Kg	☼	04/06/20 15:14	04/09/20 18:07	1
PCB-1260	**1.1**		0.26	0.12	mg/Kg	☼	04/06/20 15:14	04/09/20 18:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*102*		*60 - 154*	*04/06/20 15:14*	*04/09/20 18:07*	*1*
Tetrachloro-m-xylene	*92*		*60 - 154*	*04/06/20 15:14*	*04/09/20 18:07*	*1*
DCB Decachlorobiphenyl	*91*		*65 - 174*	*04/06/20 15:14*	*04/09/20 18:07*	*1*
DCB Decachlorobiphenyl	*108*		*65 - 174*	*04/06/20 15:14*	*04/09/20 18:07*	*1*

Client Sample ID: SB-33 (2-4)

Lab Sample ID: 480-168197-20

Date Collected: 04/01/20 14:15
Date Received: 04/02/20 13:35

Matrix: Solid
Percent Solids: 84.5

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.2	0.23	mg/Kg	☼	04/06/20 15:14	04/09/20 21:58	5
PCB-1221	ND		1.2	0.23	mg/Kg	☼	04/06/20 15:14	04/09/20 21:58	5
PCB-1232	ND		1.2	0.23	mg/Kg	☼	04/06/20 15:14	04/09/20 21:58	5
PCB-1242	ND		1.2	0.23	mg/Kg	☼	04/06/20 15:14	04/09/20 21:58	5
PCB-1248	ND		1.2	0.23	mg/Kg	☼	04/06/20 15:14	04/09/20 21:58	5
PCB-1254	ND		1.2	0.55	mg/Kg	☼	04/06/20 15:14	04/09/20 21:58	5
PCB-1260	**19**		1.2	0.55	mg/Kg	☼	04/06/20 15:14	04/09/20 21:58	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*135*		*60 - 154*	*04/06/20 15:14*	*04/09/20 21:58*	*5*
Tetrachloro-m-xylene	*121*		*60 - 154*	*04/06/20 15:14*	*04/09/20 21:58*	*5*
DCB Decachlorobiphenyl	*114*		*65 - 174*	*04/06/20 15:14*	*04/09/20 21:58*	*5*
DCB Decachlorobiphenyl	*179*	*X*	*65 - 174*	*04/06/20 15:14*	*04/09/20 21:58*	*5*

Client Sample ID: SB-29-WC

Lab Sample ID: 480-168197-21

Date Collected: 04/01/20 12:35
Date Received: 04/02/20 13:35

Matrix: Solid

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0062**	**J**	0.015	0.0056	mg/L		04/08/20 10:25	04/08/20 17:36	1
Barium	**0.61**	**J**	1.0	0.10	mg/L		04/08/20 10:25	04/08/20 17:36	1
Cadmium	**0.0015**	**J**	0.0020	0.00050	mg/L		04/08/20 10:25	04/08/20 17:36	1
Chromium	ND		0.020	0.010	mg/L		04/08/20 10:25	04/08/20 17:36	1
Lead	**0.0043**	**J**	0.020	0.0030	mg/L		04/08/20 10:25	04/08/20 17:36	1
Selenium	ND		0.025	0.0087	mg/L		04/08/20 10:25	04/08/20 17:36	1
Silver	ND		0.0060	0.0017	mg/L		04/08/20 10:25	04/08/20 17:36	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		04/08/20 11:41	04/08/20 16:31	1

Client Sample ID: SB-29-WC

Lab Sample ID: 480-168197-21

Date Collected: 04/01/20 12:35
Matrix: Solid
Date Received: 04/02/20 13:35

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>180		50.0	50.0	Degrees F			04/07/20 01:16	1

Client Sample ID: SB-33-WC

Lab Sample ID: 480-168197-22

Date Collected: 04/01/20 14:20
Matrix: Solid
Date Received: 04/02/20 13:35

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.010	J	0.015	0.0056	mg/L		04/08/20 10:25	04/08/20 17:40	1
Barium	0.40	J	1.0	0.10	mg/L		04/08/20 10:25	04/08/20 17:40	1
Cadmium	0.00070	J	0.0020	0.00050	mg/L		04/08/20 10:25	04/08/20 17:40	1
Chromium	ND		0.020	0.010	mg/L		04/08/20 10:25	04/08/20 17:40	1
Lead	ND		0.020	0.0030	mg/L		04/08/20 10:25	04/08/20 17:40	1
Selenium	ND		0.025	0.0087	mg/L		04/08/20 10:25	04/08/20 17:40	1
Silver	ND		0.0060	0.0017	mg/L		04/08/20 10:25	04/08/20 17:40	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		04/08/20 11:41	04/08/20 16:32	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>180		50.0	50.0	Degrees F			04/07/20 01:16	1

Client Sample ID: SB-34 (0-1)

Lab Sample ID: 480-168197-23

Date Collected: 04/01/20 14:55
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 97.3

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.19	0.038	mg/Kg	☼	04/06/20 15:14	04/09/20 18:33	1
PCB-1221	ND		0.19	0.038	mg/Kg	☼	04/06/20 15:14	04/09/20 18:33	1
PCB-1232	ND		0.19	0.038	mg/Kg	☼	04/06/20 15:14	04/09/20 18:33	1
PCB-1242	ND		0.19	0.038	mg/Kg	☼	04/06/20 15:14	04/09/20 18:33	1
PCB-1248	ND		0.19	0.038	mg/Kg	☼	04/06/20 15:14	04/09/20 18:33	1
PCB-1254	ND		0.19	0.091	mg/Kg	☼	04/06/20 15:14	04/09/20 18:33	1
PCB-1260	6.1	E J	0.19	0.091	mg/Kg	☼	04/06/20 15:14	04/09/20 18:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*111*		*60 - 154*	*04/06/20 15:14*	*04/09/20 18:33*	*1*
Tetrachloro-m-xylene	*103*		*60 - 154*	*04/06/20 15:14*	*04/09/20 18:33*	*1*
DCB Decachlorobiphenyl	*97*		*65 - 174*	*04/06/20 15:14*	*04/09/20 18:33*	*1*
DCB Decachlorobiphenyl	*119*		*65 - 174*	*04/06/20 15:14*	*04/09/20 18:33*	*1*

Client Sample ID: SB-34 -WC

Lab Sample ID: 480-168197-24

Date Collected: 04/01/20 14:50
Matrix: Solid
Date Received: 04/02/20 13:35

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		04/08/20 10:25	04/08/20 17:44	1
Barium	0.12	J	1.0	0.10	mg/L		04/08/20 10:25	04/08/20 17:44	1

Client Sample ID: SB-34 -WC

Lab Sample ID: 480-168197-24
Date Collected: 04/01/20 14:50
Matrix: Solid
Date Received: 04/02/20 13:35

Method: 6010C - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	**0.0018**	**J**	0.0020	0.00050	mg/L		04/08/20 10:25	04/08/20 17:44	1
Chromium	ND		0.020	0.010	mg/L		04/08/20 10:25	04/08/20 17:44	1
Lead	ND		0.020	0.0030	mg/L		04/08/20 10:25	04/08/20 17:44	1
Selenium	ND		0.025	0.0087	mg/L		04/08/20 10:25	04/08/20 17:44	1
Silver	ND		0.0060	0.0017	mg/L		04/08/20 10:25	04/08/20 17:44	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		04/08/20 11:41	04/08/20 16:34	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>180**		50.0	50.0	Degrees F			04/07/20 01:16	1

Client Sample ID: SB-35 (0-1)

Lab Sample ID: 480-168197-25
Date Collected: 04/01/20 15:15
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 94.9

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	UJ	12	2.3	mg/Kg	☼	04/06/20 15:14	04/09/20 22:11	50
PCB-1221	ND		12	2.3	mg/Kg	☼	04/06/20 15:14	04/09/20 22:11	50
PCB-1232	ND		12	2.3	mg/Kg	☼	04/06/20 15:14	04/09/20 22:11	50
PCB-1242	ND		12	2.3	mg/Kg	☼	04/06/20 15:14	04/09/20 22:11	50
PCB-1248	ND		12	2.3	mg/Kg	☼	04/06/20 15:14	04/09/20 22:11	50
PCB-1254	ND		12	5.6	mg/Kg	☼	04/06/20 15:14	04/09/20 22:11	50
PCB-1260	**140**	J	12	5.6	mg/Kg	☼	04/06/20 15:14	04/09/20 22:11	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*144*		*60 - 154*	*04/06/20 15:14*	*04/09/20 22:11*	*50*
Tetrachloro-m-xylene	*134*		*60 - 154*	*04/06/20 15:14*	*04/09/20 22:11*	*50*
DCB Decachlorobiphenyl	*0*	*X*	*65 - 174*	*04/06/20 15:14*	*04/09/20 22:11*	*50*
DCB Decachlorobiphenyl	*0*	*X*	*65 - 174*	*04/06/20 15:14*	*04/09/20 22:11*	*50*

Client Sample ID: DUP-040120-01

Lab Sample ID: 480-168197-26
Date Collected: 04/01/20 00:00
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 83.0

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.23	0.045	mg/Kg	☼	04/06/20 15:14	04/09/20 18:58	1
PCB-1221	ND		0.23	0.045	mg/Kg	☼	04/06/20 15:14	04/09/20 18:58	1
PCB-1232	ND		0.23	0.045	mg/Kg	☼	04/06/20 15:14	04/09/20 18:58	1
PCB-1242	ND		0.23	0.045	mg/Kg	☼	04/06/20 15:14	04/09/20 18:58	1
PCB-1248	ND		0.23	0.045	mg/Kg	☼	04/06/20 15:14	04/09/20 18:58	1
PCB-1254	ND		0.23	0.11	mg/Kg	☼	04/06/20 15:14	04/09/20 18:58	1
PCB-1260	**0.53**		0.23	0.11	mg/Kg	☼	04/06/20 15:14	04/09/20 18:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*112*		*60 - 154*	*04/06/20 15:14*	*04/09/20 18:58*	*1*
Tetrachloro-m-xylene	*99*		*60 - 154*	*04/06/20 15:14*	*04/09/20 18:58*	*1*

Client Sample ID: DUP-040120-01

Lab Sample ID: 480-168197-26

Date Collected: 04/01/20 00:00
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 83.0

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*96*		*65 - 174*	*04/06/20 15:14*	*04/09/20 18:58*	*1*
DCB Decachlorobiphenyl	*117*		*65 - 174*	*04/06/20 15:14*	*04/09/20 18:58*	*1*

Client Sample ID: DUP-040120-02

Lab Sample ID: 480-168197-27

Date Collected: 04/01/20 00:00
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 93.5

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.22	0.043	mg/Kg	☼	04/06/20 15:14	04/09/20 19:11	1
PCB-1221	ND		0.22	0.043	mg/Kg	☼	04/06/20 15:14	04/09/20 19:11	1
PCB-1232	ND		0.22	0.043	mg/Kg	☼	04/06/20 15:14	04/09/20 19:11	1
PCB-1242	ND		0.22	0.043	mg/Kg	☼	04/06/20 15:14	04/09/20 19:11	1
PCB-1248	ND		0.22	0.043	mg/Kg	☼	04/06/20 15:14	04/09/20 19:11	1
PCB-1254	ND		0.22	0.10	mg/Kg	☼	04/06/20 15:14	04/09/20 19:11	1
PCB-1260	**0.77**		0.22	0.10	mg/Kg	☼	04/06/20 15:14	04/09/20 19:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*118*		*60 - 154*	*04/06/20 15:14*	*04/09/20 19:11*	*1*
Tetrachloro-m-xylene	*99*		*60 - 154*	*04/06/20 15:14*	*04/09/20 19:11*	*1*
DCB Decachlorobiphenyl	*102*		*65 - 174*	*04/06/20 15:14*	*04/09/20 19:11*	*1*
DCB Decachlorobiphenyl	*122*		*65 - 174*	*04/06/20 15:14*	*04/09/20 19:11*	*1*

Client Sample ID: SB-30 (4-6)

Lab Sample ID: 480-168197-28

Date Collected: 04/02/20 07:45
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 94.0

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.21	0.041	mg/Kg	☼	04/06/20 15:14	04/09/20 19:24	1
PCB-1221	ND		0.21	0.041	mg/Kg	☼	04/06/20 15:14	04/09/20 19:24	1
PCB-1232	ND		0.21	0.041	mg/Kg	☼	04/06/20 15:14	04/09/20 19:24	1
PCB-1242	ND		0.21	0.041	mg/Kg	☼	04/06/20 15:14	04/09/20 19:24	1
PCB-1248	ND		0.21	0.041	mg/Kg	☼	04/06/20 15:14	04/09/20 19:24	1
PCB-1254	ND		0.21	0.097	mg/Kg	☼	04/06/20 15:14	04/09/20 19:24	1
PCB-1260	ND		0.21	0.097	mg/Kg	☼	04/06/20 15:14	04/09/20 19:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*107*		*60 - 154*	*04/06/20 15:14*	*04/09/20 19:24*	*1*
Tetrachloro-m-xylene	*94*		*60 - 154*	*04/06/20 15:14*	*04/09/20 19:24*	*1*
DCB Decachlorobiphenyl	*93*		*65 - 174*	*04/06/20 15:14*	*04/09/20 19:24*	*1*
DCB Decachlorobiphenyl	*111*		*65 - 174*	*04/06/20 15:14*	*04/09/20 19:24*	*1*

Client Sample ID: SB-30 (6-8)

Lab Sample ID: 480-168197-29

Date Collected: 04/02/20 07:50
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 85.7

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.24	0.047	mg/Kg	☼	04/06/20 15:14	04/09/20 19:37	1
PCB-1221	ND		0.24	0.047	mg/Kg	☼	04/06/20 15:14	04/09/20 19:37	1

Client Sample ID: SB-30 (6-8)

Lab Sample ID: 480-168197-29

Date Collected: 04/02/20 07:50
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 85.7

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	ND		0.24	0.047	mg/Kg	☼	04/06/20 15:14	04/09/20 19:37	1
PCB-1242	ND		0.24	0.047	mg/Kg	☼	04/06/20 15:14	04/09/20 19:37	1
PCB-1248	ND		0.24	0.047	mg/Kg	☼	04/06/20 15:14	04/09/20 19:37	1
PCB-1254	ND		0.24	0.11	mg/Kg	☼	04/06/20 15:14	04/09/20 19:37	1
PCB-1260	ND		0.24	0.11	mg/Kg	☼	04/06/20 15:14	04/09/20 19:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*112*		*60 - 154*	*04/06/20 15:14*	*04/09/20 19:37*	*1*
Tetrachloro-m-xylene	*99*		*60 - 154*	*04/06/20 15:14*	*04/09/20 19:37*	*1*
DCB Decachlorobiphenyl	*101*		*65 - 174*	*04/06/20 15:14*	*04/09/20 19:37*	*1*
DCB Decachlorobiphenyl	*122*		*65 - 174*	*04/06/20 15:14*	*04/09/20 19:37*	*1*

Client Sample ID: SB-30 (8-10)

Lab Sample ID: 480-168197-30

Date Collected: 04/02/20 08:00
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 85.1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.21	0.041	mg/Kg	☼	04/06/20 15:14	04/09/20 20:15	1
PCB-1221	ND		0.21	0.041	mg/Kg	☼	04/06/20 15:14	04/09/20 20:15	1
PCB-1232	ND		0.21	0.041	mg/Kg	☼	04/06/20 15:14	04/09/20 20:15	1
PCB-1242	ND		0.21	0.041	mg/Kg	☼	04/06/20 15:14	04/09/20 20:15	1
PCB-1248	ND		0.21	0.041	mg/Kg	☼	04/06/20 15:14	04/09/20 20:15	1
PCB-1254	ND		0.21	0.099	mg/Kg	☼	04/06/20 15:14	04/09/20 20:15	1
PCB-1260	ND		0.21	0.099	mg/Kg	☼	04/06/20 15:14	04/09/20 20:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*120*		*60 - 154*	*04/06/20 15:14*	*04/09/20 20:15*	*1*
Tetrachloro-m-xylene	*105*		*60 - 154*	*04/06/20 15:14*	*04/09/20 20:15*	*1*
DCB Decachlorobiphenyl	*110*		*65 - 174*	*04/06/20 15:14*	*04/09/20 20:15*	*1*
DCB Decachlorobiphenyl	*130*		*65 - 174*	*04/06/20 15:14*	*04/09/20 20:15*	*1*

Client Sample ID: SB-32 (0-1)

Lab Sample ID: 480-168197-31

Date Collected: 04/02/20 08:45
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 77.2

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:14	04/09/20 20:28	1
PCB-1221	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:14	04/09/20 20:28	1
PCB-1232	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:14	04/09/20 20:28	1
PCB-1242	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:14	04/09/20 20:28	1
PCB-1248	ND		0.26	0.051	mg/Kg	☼	04/06/20 15:14	04/09/20 20:28	1
PCB-1254	ND		0.26	0.12	mg/Kg	☼	04/06/20 15:14	04/09/20 20:28	1
PCB-1260	**0.14**	**J**	0.26	0.12	mg/Kg	☼	04/06/20 15:14	04/09/20 20:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*90*		*60 - 154*	*04/06/20 15:14*	*04/09/20 20:28*	*1*
Tetrachloro-m-xylene	*87*		*60 - 154*	*04/06/20 15:14*	*04/09/20 20:28*	*1*
DCB Decachlorobiphenyl	*95*		*65 - 174*	*04/06/20 15:14*	*04/09/20 20:28*	*1*
DCB Decachlorobiphenyl	*118*		*65 - 174*	*04/06/20 15:14*	*04/09/20 20:28*	*1*

Client Sample ID: SB-32 (1-2)

Lab Sample ID: 480-168197-32

Date Collected: 04/02/20 09:00
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 79.4

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.25	0.049	mg/Kg	☼	04/06/20 15:14	04/09/20 20:41	1
PCB-1221	ND		0.25	0.049	mg/Kg	☼	04/06/20 15:14	04/09/20 20:41	1
PCB-1232	ND		0.25	0.049	mg/Kg	☼	04/06/20 15:14	04/09/20 20:41	1
PCB-1242	ND		0.25	0.049	mg/Kg	☼	04/06/20 15:14	04/09/20 20:41	1
PCB-1248	ND		0.25	0.049	mg/Kg	☼	04/06/20 15:14	04/09/20 20:41	1
PCB-1254	ND		0.25	0.12	mg/Kg	☼	04/06/20 15:14	04/09/20 20:41	1
PCB-1260	ND		0.25	0.12	mg/Kg	☼	04/06/20 15:14	04/09/20 20:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*108*		*60 - 154*	*04/06/20 15:14*	*04/09/20 20:41*	*1*
Tetrachloro-m-xylene	*98*		*60 - 154*	*04/06/20 15:14*	*04/09/20 20:41*	*1*
DCB Decachlorobiphenyl	*100*		*65 - 174*	*04/06/20 15:14*	*04/09/20 20:41*	*1*
DCB Decachlorobiphenyl	*122*		*65 - 174*	*04/06/20 15:14*	*04/09/20 20:41*	*1*

Client Sample ID: SB-32 (2-4)

Lab Sample ID: 480-168197-33

Date Collected: 04/02/20 09:20
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 84.6

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.24	0.047	mg/Kg	☼	04/06/20 15:14	04/09/20 20:54	1
PCB-1221	ND		0.24	0.047	mg/Kg	☼	04/06/20 15:14	04/09/20 20:54	1
PCB-1232	ND		0.24	0.047	mg/Kg	☼	04/06/20 15:14	04/09/20 20:54	1
PCB-1242	ND		0.24	0.047	mg/Kg	☼	04/06/20 15:14	04/09/20 20:54	1
PCB-1248	ND		0.24	0.047	mg/Kg	☼	04/06/20 15:14	04/09/20 20:54	1
PCB-1254	ND		0.24	0.11	mg/Kg	☼	04/06/20 15:14	04/09/20 20:54	1
PCB-1260	ND		0.24	0.11	mg/Kg	☼	04/06/20 15:14	04/09/20 20:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*110*		*60 - 154*	*04/06/20 15:14*	*04/09/20 20:54*	*1*
Tetrachloro-m-xylene	*102*		*60 - 154*	*04/06/20 15:14*	*04/09/20 20:54*	*1*
DCB Decachlorobiphenyl	*103*		*65 - 174*	*04/06/20 15:14*	*04/09/20 20:54*	*1*
DCB Decachlorobiphenyl	*128*		*65 - 174*	*04/06/20 15:14*	*04/09/20 20:54*	*1*

Client Sample ID: SB-32 (4-6)

Lab Sample ID: 480-168197-34

Date Collected: 04/02/20 09:35
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 83.7

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.28	0.054	mg/Kg	☼	04/06/20 15:14	04/09/20 21:07	1
PCB-1221	ND		0.28	0.054	mg/Kg	☼	04/06/20 15:14	04/09/20 21:07	1
PCB-1232	ND		0.28	0.054	mg/Kg	☼	04/06/20 15:14	04/09/20 21:07	1
PCB-1242	ND		0.28	0.054	mg/Kg	☼	04/06/20 15:14	04/09/20 21:07	1
PCB-1248	ND		0.28	0.054	mg/Kg	☼	04/06/20 15:14	04/09/20 21:07	1
PCB-1254	ND		0.28	0.13	mg/Kg	☼	04/06/20 15:14	04/09/20 21:07	1
PCB-1260	ND		0.28	0.13	mg/Kg	☼	04/06/20 15:14	04/09/20 21:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*116*		*60 - 154*	*04/06/20 15:14*	*04/09/20 21:07*	*1*
Tetrachloro-m-xylene	*102*		*60 - 154*	*04/06/20 15:14*	*04/09/20 21:07*	*1*

Client Sample ID: SB-32 (4-6)

Lab Sample ID: 480-168197-34
Date Collected: 04/02/20 09:35
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 83.7

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*101*		*65 - 174*	*04/06/20 15:14*	*04/09/20 21:07*	*1*
DCB Decachlorobiphenyl	*122*		*65 - 174*	*04/06/20 15:14*	*04/09/20 21:07*	*1*

Client Sample ID: SB-32 (6-8)

Lab Sample ID: 480-168197-35
Date Collected: 04/02/20 09:40
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 85.3

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.27	0.054	mg/Kg	☼	04/06/20 15:09	04/07/20 19:00	1
PCB-1221	ND		0.27	0.054	mg/Kg	☼	04/06/20 15:09	04/07/20 19:00	1
PCB-1232	ND		0.27	0.054	mg/Kg	☼	04/06/20 15:09	04/07/20 19:00	1
PCB-1242	ND		0.27	0.054	mg/Kg	☼	04/06/20 15:09	04/07/20 19:00	1
PCB-1248	ND		0.27	0.054	mg/Kg	☼	04/06/20 15:09	04/07/20 19:00	1
PCB-1254	ND		0.27	0.13	mg/Kg	☼	04/06/20 15:09	04/07/20 19:00	1
PCB-1260	ND		0.27	0.13	mg/Kg	☼	04/06/20 15:09	04/07/20 19:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	*100*		*60 - 154*	*04/06/20 15:09*	*04/07/20 19:00*	*1*
Tetrachloro-m-xylene	*93*		*60 - 154*	*04/06/20 15:09*	*04/07/20 19:00*	*1*
DCB Decachlorobiphenyl	*89*		*65 - 174*	*04/06/20 15:09*	*04/07/20 19:00*	*1*
DCB Decachlorobiphenyl	*106*		*65 - 174*	*04/06/20 15:09*	*04/07/20 19:00*	*1*

Client Sample ID: SB-31 (0-1)

Lab Sample ID: 480-168197-36
Date Collected: 04/02/20 10:40
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 82.7

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.23	0.045	mg/Kg	☼	04/06/20 15:09	04/07/20 19:13	1
PCB-1221	ND		0.23	0.045	mg/Kg	☼	04/06/20 15:09	04/07/20 19:13	1
PCB-1232	ND		0.23	0.045	mg/Kg	☼	04/06/20 15:09	04/07/20 19:13	1
PCB-1242	ND		0.23	0.045	mg/Kg	☼	04/06/20 15:09	04/07/20 19:13	1
PCB-1248	ND		0.23	0.045	mg/Kg	☼	04/06/20 15:09	04/07/20 19:13	1
PCB-1254	ND		0.23	0.11	mg/Kg	☼	04/06/20 15:09	04/07/20 19:13	1
PCB-1260	**3.7**		0.23	0.11	mg/Kg	☼	04/06/20 15:09	04/07/20 19:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	*69*		*60 - 154*	*04/06/20 15:09*	*04/07/20 19:13*	*1*
Tetrachloro-m-xylene	*70*		*60 - 154*	*04/06/20 15:09*	*04/07/20 19:13*	*1*
DCB Decachlorobiphenyl	*62*	*X*	*65 - 174*	*04/06/20 15:09*	*04/07/20 19:13*	*1*
DCB Decachlorobiphenyl	*95*		*65 - 174*	*04/06/20 15:09*	*04/07/20 19:13*	*1*

Client Sample ID: SB-31 (1-2)

Lab Sample ID: 480-168197-37
Date Collected: 04/02/20 10:55
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 80.8

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.21	0.042	mg/Kg	☼	04/06/20 15:09	04/07/20 19:51	1
PCB-1221	ND		0.21	0.042	mg/Kg	☼	04/06/20 15:09	04/07/20 19:51	1

Client Sample ID: SB-31 (1-2)
Lab Sample ID: 480-168197-37
Date Collected: 04/02/20 10:55
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 80.8

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	ND		0.21	0.042	mg/Kg	☼	04/06/20 15:09	04/07/20 19:51	1
PCB-1242	ND		0.21	0.042	mg/Kg	☼	04/06/20 15:09	04/07/20 19:51	1
PCB-1248	ND		0.21	0.042	mg/Kg	☼	04/06/20 15:09	04/07/20 19:51	1
PCB-1254	ND		0.21	0.10	mg/Kg	☼	04/06/20 15:09	04/07/20 19:51	1
PCB-1260	ND		0.21	0.10	mg/Kg	☼	04/06/20 15:09	04/07/20 19:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*90*		*60 - 154*	*04/06/20 15:09*	*04/07/20 19:51*	*1*
Tetrachloro-m-xylene	*84*		*60 - 154*	*04/06/20 15:09*	*04/07/20 19:51*	*1*
DCB Decachlorobiphenyl	*90*		*65 - 174*	*04/06/20 15:09*	*04/07/20 19:51*	*1*
DCB Decachlorobiphenyl	*103*		*65 - 174*	*04/06/20 15:09*	*04/07/20 19:51*	*1*

Client Sample ID: SB-31 (2-4)
Lab Sample ID: 480-168197-38
Date Collected: 04/02/20 11:30
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 85.4

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.25	0.049	mg/Kg	☼	04/06/20 15:09	04/07/20 20:04	1
PCB-1221	ND		0.25	0.049	mg/Kg	☼	04/06/20 15:09	04/07/20 20:04	1
PCB-1232	ND		0.25	0.049	mg/Kg	☼	04/06/20 15:09	04/07/20 20:04	1
PCB-1242	ND		0.25	0.049	mg/Kg	☼	04/06/20 15:09	04/07/20 20:04	1
PCB-1248	ND		0.25	0.049	mg/Kg	☼	04/06/20 15:09	04/07/20 20:04	1
PCB-1254	ND		0.25	0.12	mg/Kg	☼	04/06/20 15:09	04/07/20 20:04	1
PCB-1260	ND		0.25	0.12	mg/Kg	☼	04/06/20 15:09	04/07/20 20:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*101*		*60 - 154*	*04/06/20 15:09*	*04/07/20 20:04*	*1*
Tetrachloro-m-xylene	*91*		*60 - 154*	*04/06/20 15:09*	*04/07/20 20:04*	*1*
DCB Decachlorobiphenyl	*96*		*65 - 174*	*04/06/20 15:09*	*04/07/20 20:04*	*1*
DCB Decachlorobiphenyl	*112*		*65 - 174*	*04/06/20 15:09*	*04/07/20 20:04*	*1*

Client Sample ID: SB-31 (4-6)
Lab Sample ID: 480-168197-39
Date Collected: 04/02/20 11:45
Matrix: Solid
Date Received: 04/02/20 13:35
Percent Solids: 85.8

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.24	0.048	mg/Kg	☼	04/06/20 15:09	04/07/20 20:17	1
PCB-1221	ND		0.24	0.048	mg/Kg	☼	04/06/20 15:09	04/07/20 20:17	1
PCB-1232	ND		0.24	0.048	mg/Kg	☼	04/06/20 15:09	04/07/20 20:17	1
PCB-1242	ND		0.24	0.048	mg/Kg	☼	04/06/20 15:09	04/07/20 20:17	1
PCB-1248	ND		0.24	0.048	mg/Kg	☼	04/06/20 15:09	04/07/20 20:17	1
PCB-1254	ND		0.24	0.11	mg/Kg	☼	04/06/20 15:09	04/07/20 20:17	1
PCB-1260	ND		0.24	0.11	mg/Kg	☼	04/06/20 15:09	04/07/20 20:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*109*		*60 - 154*	*04/06/20 15:09*	*04/07/20 20:17*	*1*
Tetrachloro-m-xylene	*100*		*60 - 154*	*04/06/20 15:09*	*04/07/20 20:17*	*1*
DCB Decachlorobiphenyl	*100*		*65 - 174*	*04/06/20 15:09*	*04/07/20 20:17*	*1*
DCB Decachlorobiphenyl	*116*		*65 - 174*	*04/06/20 15:09*	*04/07/20 20:17*	*1*

Client Sample ID: SB-31 (6-8)

Lab Sample ID: 480-168197-40

Date Collected: 04/02/20 12:05
Date Received: 04/02/20 13:35

Matrix: Solid
Percent Solids: 86.2

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.26	0.050	mg/Kg	☼	04/06/20 15:09	04/07/20 20:30	1
PCB-1221	ND		0.26	0.050	mg/Kg	☼	04/06/20 15:09	04/07/20 20:30	1
PCB-1232	ND		0.26	0.050	mg/Kg	☼	04/06/20 15:09	04/07/20 20:30	1
PCB-1242	ND		0.26	0.050	mg/Kg	☼	04/06/20 15:09	04/07/20 20:30	1
PCB-1248	ND		0.26	0.050	mg/Kg	☼	04/06/20 15:09	04/07/20 20:30	1
PCB-1254	ND		0.26	0.12	mg/Kg	☼	04/06/20 15:09	04/07/20 20:30	1
PCB-1260	ND		0.26	0.12	mg/Kg	☼	04/06/20 15:09	04/07/20 20:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*106*		*60 - 154*	*04/06/20 15:09*	*04/07/20 20:30*	*1*
Tetrachloro-m-xylene	*96*		*60 - 154*	*04/06/20 15:09*	*04/07/20 20:30*	*1*
DCB Decachlorobiphenyl	*105*		*65 - 174*	*04/06/20 15:09*	*04/07/20 20:30*	*1*
DCB Decachlorobiphenyl	*122*		*65 - 174*	*04/06/20 15:09*	*04/07/20 20:30*	*1*

Client Sample ID: SB-31-WC

Lab Sample ID: 480-168197-41

Date Collected: 04/02/20 12:10
Date Received: 04/02/20 13:35

Matrix: Solid

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0073**	**J**	0.015	0.0056	mg/L		04/08/20 10:25	04/08/20 17:48	1
Barium	**1.2**		1.0	0.10	mg/L		04/08/20 10:25	04/08/20 17:48	1
Cadmium	**0.0014**	**J**	0.0020	0.00050	mg/L		04/08/20 10:25	04/08/20 17:48	1
Chromium	ND		0.020	0.010	mg/L		04/08/20 10:25	04/08/20 17:48	1
Lead	**0.018**	**J**	0.020	0.0030	mg/L		04/08/20 10:25	04/08/20 17:48	1
Selenium	ND		0.025	0.0087	mg/L		04/08/20 10:25	04/08/20 17:48	1
Silver	ND		0.0060	0.0017	mg/L		04/08/20 10:25	04/08/20 17:48	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		04/08/20 11:41	04/08/20 16:35	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>180**		50.0	50.0	Degrees F			04/07/20 01:16	1

Client Sample ID: FB-040120

Lab Sample ID: 480-168197-42

Date Collected: 04/01/20 17:00
Date Received: 04/02/20 13:35

Matrix: Water

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/07/20 15:28	04/09/20 03:29	1
PCB-1221	ND		0.50	0.18	ug/L		04/07/20 15:28	04/09/20 03:29	1
PCB-1232	ND		0.50	0.18	ug/L		04/07/20 15:28	04/09/20 03:29	1
PCB-1242	ND		0.50	0.18	ug/L		04/07/20 15:28	04/09/20 03:29	1
PCB-1248	ND		0.50	0.18	ug/L		04/07/20 15:28	04/09/20 03:29	1
PCB-1254	ND		0.50	0.25	ug/L		04/07/20 15:28	04/09/20 03:29	1
PCB-1260	ND		0.50	0.25	ug/L		04/07/20 15:28	04/09/20 03:29	1

Client Sample ID: FB-040120
Lab Sample ID: 480-168197-42

Date Collected: 04/01/20 17:00
Matrix: Water
Date Received: 04/02/20 13:35

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*106*		*39 - 121*	*04/07/20 15:28*	*04/09/20 03:29*	*1*
Tetrachloro-m-xylene	*91*		*39 - 121*	*04/07/20 15:28*	*04/09/20 03:29*	*1*
DCB Decachlorobiphenyl	*53*		*19 - 120*	*04/07/20 15:28*	*04/09/20 03:29*	*1*
DCB Decachlorobiphenyl	*62*		*19 - 120*	*04/07/20 15:28*	*04/09/20 03:29*	*1*

Client Sample ID: FB-040220
Lab Sample ID: 480-168197-43

Date Collected: 04/02/20 12:50
Matrix: Water
Date Received: 04/02/20 13:35

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/07/20 15:28	04/09/20 03:42	1
PCB-1221	ND		0.50	0.18	ug/L		04/07/20 15:28	04/09/20 03:42	1
PCB-1232	ND		0.50	0.18	ug/L		04/07/20 15:28	04/09/20 03:42	1
PCB-1242	ND		0.50	0.18	ug/L		04/07/20 15:28	04/09/20 03:42	1
PCB-1248	ND		0.50	0.18	ug/L		04/07/20 15:28	04/09/20 03:42	1
PCB-1254	ND		0.50	0.25	ug/L		04/07/20 15:28	04/09/20 03:42	1
PCB-1260	ND		0.50	0.25	ug/L		04/07/20 15:28	04/09/20 03:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*119*		*39 - 121*	*04/07/20 15:28*	*04/09/20 03:42*	*1*
Tetrachloro-m-xylene	*100*		*39 - 121*	*04/07/20 15:28*	*04/09/20 03:42*	*1*
DCB Decachlorobiphenyl	*55*		*19 - 120*	*04/07/20 15:28*	*04/09/20 03:42*	*1*
DCB Decachlorobiphenyl	*64*		*19 - 120*	*04/07/20 15:28*	*04/09/20 03:42*	*1*