Stage 2A Review
Data Quality Control (QC)

Site: PHSS-SIB PDI	SDG #: Case 22J0502
Laboratory: ARI	Date: 8/23/2023
HydroGeoLogic, Inc. Reviewer: Deanna Valdebenito Peer Reviewer: Ken Rapuano (8.30.23)	Project: DT2002

Client Sample ID	Laboratory Sample ID	Analyses	Matrix
SIB-039-MLW-0-1-10252022	22J0502-01	PCB Aroclors and Total Metals	Solid
SIB-039-OHW-0-1-10252022	22J0502-02	PCB Aroclors and Total Metals	Solid
FD14-10252022	22J0502-03	PCB Aroclors and Total Metals	Solid
SIB-038-MLW-0-1-10252022	22J0502-04	PCB Aroclors and Total Metals	Solid
SIB-038-OHW-0-1-10252022	22J0502-05	PCB Aroclors and Total Metals	Solid
SIB-037-MLW-0-1-10252022	22J0502-06	PCB Aroclors and Total Metals	Solid
SIB-037-OHW-0-1-10252022	22J0502-07	PCB Aroclors and Total Metals	Solid
SIB-036-MLW-0-1-10252022	22J0502-08	PCB Aroclors and Total Metals	Solid
SIB-036-OHW-0-1-10252022	22J0502-09	PCB Aroclors and Total Metals	Solid
SIB-035-OHW-0-1-10252022	22J0502-10	PCB Aroclors and Total Metals	Solid
SIB-034-MLW-0-1-10252022	22J0502-11	PCB Aroclors and Total Metals	Solid
SIB-034-OHW-0-1-10252022	22J0502-12	PCB Aroclors and Total Metals	Solid
SIB-033-OHW-0-1-10252022	22J0502-13	PCB Aroclors and Total Metals	Solid
SIB-032-OHW-0-1-10252022	22J0502-14	PCB Aroclors and Total Metals	Solid
SIB-031-OHW-0-1-10252022	22J0502-15	PCB Aroclors and Total Metals	Solid
SIB-030-MLW-0-1-10252022	22J0502-16	PCB Aroclors and Total Metals	Solid
SIB-030-OHW-0-1-10252022	22J0502-17	PCB Aroclors and Total Metals	Solid
SIB-029-OHW-0-1-10252022	22J0502-18	PCB Aroclors and Total Metals	Solid
SIB-028-OHW-0-1-10252022	22J0502-19	PCB Aroclors and Total Metals	Solid
SIB-027-OHW-0-1-10252022	22J0502-20	PCB Aroclors and Total Metals	Solid
SIB-026-OHW-0-1-10252022	22J0502-21	PCB Aroclors and Total Metals	Solid
SIB-025-OHW-0-1-10252022	22J0502-22	PCB Aroclors and Total Metals	Solid
SIB-024-OHW-0-1-10252022	22J0502-23	PCB Aroclors and Total Metals	Solid
SIB-023-OHW-0-1-10252022	22J0502-24	PCB Aroclors and Total Metals	Solid
SIB-121-TOB-0-1-10262022	22J0502-25	PCB Aroclors and Total Metals	Solid
SIB-022-OHW-0-1-10252022	22J0502-26	PCB Aroclors and Total Metals	Solid
SIB-125-TOB-0-1-10262022	22J0502-27	PCB Aroclors and Total Metals	Solid
SIB-125-OHW-0-1-10262022	22J0502-29	PCB Aroclors and Total Metals	Solid
SIB-125-MLW-0-1-10262022	22J0502-30	PCB Aroclors and Total Metals	Solid
SIB-124-TOB-0-1-10262022	22J0502-31	PCB Aroclors and Total Metals	Solid
SIB-124-OHW-0-1-10262022	22J0502-32	PCB Aroclors and Total Metals	Solid
SIB-124-MLW-0-1-10262022	22J0502-33	PCB Aroclors and Total Metals	Solid
SIB-123-TOB-0-1-10262022	22J0502-34	PCB Aroclors and Total Metals	Solid

Client Sample ID	Laboratory Sample ID	Analyses	Matrix
SIB-123-OHW-0-1-10262022	22J0502-36	PCB Aroclors and Total Metals	Solid
SIB-122-TOB-0-1-10262022	22J0502-37	PCB Aroclors and Total Metals	Solid
SIB-122-OHW-0-1-10262022	22J0502-39	PCB Aroclors and Total Metals	Solid
SIB-122-MLW-0-1-10262022	22J0502-40	PCB Aroclors and Total Metals	Solid
SIB-121-OHW-0-1-10262022	22J0502-43	PCB Aroclors and Total Metals	Solid
SIB-121-MLW-0-1-10262022	22J0502-44	PCB Aroclors and Total Metals	Solid
FD15-10262022	22J0502-45	PCB Aroclors and Total Metals	Solid
FD16-10262022	22J0502-46	PCB Aroclors and Total Metals	Solid
FD17-10262022	22J0502-47	PCB Aroclors and Total Metals	Solid
FD18-10262022	22J0502-48	PCB Aroclors and Total Metals	Solid
FD19-10262022	22J0502-49	PCB Aroclors and Total Metals	Solid
FD20-10262022	22J0502-50	PCB Aroclors and Total Metals	Solid
SIB-022-MLW-0-1-10252022	22J0502-51	PCB Aroclors and Total Metals	Solid

The following Stage 2A review was performed on the requested analyses. No results were rejected, and analytical completeness is 100%.

Narrative and Completeness Review – The case narrative and data package were checked for completeness. The narrative noted sporadic ICV/CCV and internal standard discrepancies in one of the columns; in all cases, data were reported from an unaffected column. All this has been noted but falls outside of a 2A validation.

Qualification: None required.

Sample Delivery and Condition – All samples arrived intact at the laboratory in acceptable condition and temperature and were properly preserved.

Qualification: None required.

Holding Times – All samples were prepared and analyzed within their required holding times. The narrative noted that mercury samples were frozen to extend holding times; this is in accordance with the QAPP archiving protocols. All mercury analyses were performed within the 180-day holding time for frozen samples.

Qualification: None required.

Method Blanks – All method blanks were free from contamination.

Qualification: None required.

Rinsate Blanks – Equipment rinse blank EB04-10262022 (results reported in SDG 22J0477) is associated with all sample results reported in this SDG. The rinse blank was contaminated with a low level of chromium; chromium is not a target analyte for sediment samples and no qualification is required.

Qualification: None required.

Laboratory Control Sample (LCS) and Laboratory Control Sample Duplicate (LCSD) – All LCS/LCSD %Rs and RPDs were within QAPP control limits. A standard reference material was also reported for each PCB, metals, and mercury preparation batch; the SRM %Rs met the control limits.

Qualification: None required.

Surrogates – All surrogates were within QAPP control limits except for surrogates Decachlorobiphenyl and Decachlorobiphenyl [2C] for samples SIB-036-MLW-0-1-10252022, SIB-035-OHW-0-1-10252022, SIB-034-MLW-0-1-10252022, SIB-034-OHW-0-1-10252022, SIB-033-OHW-0-1-10252022, SIB-032-OHW-0-1-10252022, SIB-031-OHW-0-1-10252022, SIB-030-MLW-0-1-10252022, SIB-029-OHW-0-1-10252022, SIB-028-OHW-0-1-10252022, SIB-025-OHW-0-1-10252022, SIB-024-OHW-0-1-10252022, and SIB-022-MLW-0-1-10252022. Surrogate Decachlorobiphenyl [2C] for had a high %R for samples SIB-030-OHW-0-1-10252022, SIB-023-OHW-0-1-10252022, and SIB-125-OHW-0-1-10262022; these discrepancies were above the allowance for a single discrepancy established by the HGL consistency memo. The detected Aroclor results for these samples should be qualified J with reason code SSH; non-detections should not be qualified.

Samples SIB-036-OHW-0-1-10252022 and SIB-022-OHW-0-1-10252022 had a high %R for surrogate Decachlorobiphenyl [2C]; these discrepancies were within the allowance limits for a single discrepancy set by the HGL consistency memo and no qualification is required.

Qualification: Detected Aroclors for samples SIB-036-MLW-0-1-10252022, SIB-035-OHW-0-1-10252022, SIB-034-MLW-0-1-10252022, SIB-034-OHW-0-1-10252022, SIB-033-OHW-0-1-10252022, SIB-032-OHW-0-1-10252022, SIB-031-OHW-0-1-10252022, SIB-030-MLW-0-1-10252022, SIB-030-OHW-0-1-10252022, SIB-029-OHW-0-1-10252022, SIB-028-OHW-0-1-10252022, SIB-025-OHW-0-1-10252022, SIB-024-OHW-0-1-10252022, SIB-022-MLW-0-1-10252022, SIB-023-OHW-0-1-10252022, and SIB-125-OHW-0-1-10262022 are qualified J with reason code SSH.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) –

An MS/MSD was performed on samples SIB-036-OHW-0-1-10252022, SIB-122-TOB-0-1-10262022, SIB-122-OHW-0-1-10262022, SIB-121-OHW-0-1-10262022, SIB-121-TOB-0-1-10262022, SIB-123-TOB-0-1-10262022, and FD15-10262022 (Method 8082A) and had all %R and RPDs within QAPP control limits except for sample SIB-121-OHW-0-1-10262022. The sample SIB-121-OHW-0-1-10262022 MS and MSD had low %Rs for Aroclor 1260 and the MS/MSD had a high RPD for Aroclor 1016. No Aroclors associated with Aroclor 1016 discrepancies were detected in this sample and no qualification is required for the RPD discrepancy. The detected results for Aroclors 1254 and 1260 should be qualified J with reason codes MSL; the non-detected results for Aroclors 1248, 1262, and 1268 should be qualified UJ with reason code MSL.

Qualification: For sample SIB-121-OHW-0-1-10262022, analytes Aroclor 1248, Aroclor 1262, and Aroclor 1268 are qualified UJ with reason code MSL and analytes Aroclor 1254 and Aroclor 1260 are qualified J with reason codes MSL.

MS/MSDs for ICP-MS metals were performed using samples SIB-044-TOB-0-1-10242022 (batch BLB0081 – results reported in SDG 22J0404), SIB-121-TOB-0-1-10262022 (batch BLB0164), and SIB-123-TOB-0-1-10262022 (batch BLB0232).

The MSD performed on sample SIB-044-TOB-0-1-10242022 showed extremely low %Rs (<30%) for lead, copper, and zinc and the MS/MSD pair showed a high RPD for lead. The lead, copper, and zinc concentrations in the parent sample are >4x the spike concentrations for the affected metals and the %R discrepancies are not used to qualify results. All lead results reported from batch BLB0081 should be qualified J, reason code MSP.

The MS/MSD performed on sample SIB-121-TOB-0-1-10262022 had extremely low %Rs for lead (<30%) in the MS and MSD, a high lead RPD, and a high %R for copper in the MSD. The lead concentration in the parent sample is >4x the spike concentration and the %R discrepancies are not used to qualify lead results. All lead results reported from batch BLB0164 should be qualified J, reason code MSP. All copper results reported from batch BLB0164 should be qualified J, reason code MSH.

The MS/MSD performed on sample SIB-123-TOB-0-1-10262022 had all %R and RPDs within QAPP control limits.

> ***Qualification: The copper results for samples SIB-022-OHW-0-1-10252022, SIB-023-OHW-0-1-10252022, SIB-024-OHW-0-1-10252022, SIB-025-OHW-0-1-10252022, SIB-026-OHW-0-1-10252022, SIB-027-OHW-0-1-10252022, SIB-028-OHW-0-1-10252022, SIB-029-OHW-0-1-10252022, SIB-030-MLW-0-1-10252022, SIB-030-OHW-0-1-10252022, SIB-031-OHW-0-1-10252022, SIB-032-OHW-0-1-10252022, SIB-033-OHW-0-1-10252022, SIB-034-MLW-0-1-10252022, SIB-034-OHW-0-1-10252022, SIB-121-TOB-0-1-10262022, SIB-124-TOB-0-1-10262022, SIB-125-MLW-0-1-10262022, SIB-125-OHW-0-1-10262022, and SIB-125-TOB-0-1-10262022 are qualified J with reason code MSH.***

> ***The lead results for samples SIB-039-MLW-0-1-10252022, SIB-039-OHW-0-1-10252022, FD14-10252022, SIB-038-MLW-0-1-10252022, SIB-038-OHW-0-1-10252022, SIB-037-MLW-0-1-10252022, SIB-037-OHW-0-1-10252022, SIB-036-MLW-0-1-10252022, SIB-036-OHW-0-1-10252022, SIB-035-OHW-0-1-10252022, SIB-022-OHW-0-1-10252022, SIB-023-OHW-0-1-10252022, SIB-024-OHW-0-1-10252022, SIB-025-OHW-0-1-10252022, SIB-026-OHW-0-1-10252022, SIB-027-OHW-0-1-10252022, SIB-028-OHW-0-1-10252022, SIB-029-OHW-0-1-10252022, SIB-030-MLW-0-1-10252022, SIB-030-OHW-0-1-10252022, SIB-031-OHW-0-1-10252022, SIB-032-OHW-0-1-10252022, SIB-033-OHW-0-1-10252022, SIB-034-MLW-0-1-10252022, SIB-034-OHW-0-1-10252022, SIB-121-TOB-0-1-10262022, SIB-124-TOB-0-1-10262022, SIB-125-MLW-0-1-10262022, SIB-125-OHW-0-1-10262022, and SIB-125-TOB-0-1-10262022 are qualified J with reason code MSP.***

MS/MSDs for mercury were performed using samples SIB-044-TOB-0-1-10242022 (batch BLB0080 – results reported in SDG 22J0404), SIB-121-TOB-0-1-10262022 (batch BLB0163), and SIB-123-TOB-0-1-10262022 (batch BLB0231).

The MS performed on sample SIB-044-TOB-0-1-10242022 showed a low %R and the MS/MSD pair showed a high RPD. All detected mercury results reported from batch BLB0080 should be qualified J, reason code MSL,MSP, and all non-detected mercury results from batch BLB0080 should be qualified UJ, reason code MSL.

The MS/MSD performed on samples SIB-121-TOB-0-1-10262022 and SIB-123-TOB-0-1-10262022 had all %R and RPDs within QAPP control limits.

> ***Qualification: The detected mercury results are qualified J-MSL,MSP for samples SIB-039-MLW-0-1-10252022, SIB-037-MLW-0-1-10252022, SIB-037-OHW-0-1-10252022, SIB-036-MLW-0-1-10252022, SIB-036-OHW-0-1-10252022, and SIB-035-OHW-0-1-10252022. The non-detected mercury results are qualified UJ-MSL for samples SIB-039-OHW-0-1-10252022, FD14-10252022, SIB-038-MLW-0-1-10252022, and SIB-038-OHW-0-1-10252022.***

<u>Field Duplicate</u> – Parent // field duplicate pairs FD14-10252022//SIB-039-OHW-0-1-10252022, FD15-10262022//SIB-125-MLW-0-1-10262022, FD16-10262022//SIB-125-TOB-0-1-10262022, FD17-10262022//SIB-122-MLW-0-1-10262022, FD18-10262022//SIB-123-TOB-0-1-10262022, FD19-10262022//SIB-121-MLW-0-1-10262022 and FD20-10262022//SIB-121-TOB-0-1-10262022 were submitted with the samples in this SDG. The Aroclor 1260 results in the FD16-10262022//SIB-125-TOB-0-1-10262022 duplicate pair did not meet the ±2x PQL absolute difference criterion for low-level results and

the lead results in the FD20-10262022//SIB-121-TOB-0-1-10262022 did not meet the RPD acceptance criteria. The Aroclor 1260 result should be qualified J-FDPA in samples SIB-125-TOB-0-1-10262022 and FD16-10262022 and the lead result should be qualified J-FDPR in samples SIB-121-TOB-0-1-10262022 and FD20-10262022. All other duplicate results met acceptance criteria for precision..

> ***Qualification:*** **The Aroclor 1260 result is qualified J-FDPA in samples SIB-125-TOB-0-1-10262022 and FD16-10262022 and the lead result is qualified J-FDPR in samples SIB-121-TOB-0-1-10262022 and FD20-10262022.**

Laboratory Duplicate – A laboratory duplicate was performed on samples SIB-044-TOB-0-1-10242022 (results reported in SDG 22J0404), SIB-121-TOB-0-1-10262022, and SIB-123-TOB-0-1-10262022 (metals). All the RPDs of the duplicate pairs met the acceptance criteria except for Lead and Copper in sample SIB-044-TOB-0-1-10242022 prepared in batch BLB0081 and for Lead in sample SIB-121-TOB-0-1-10262022 prepared in batch BLB0164. All Lead detections in batches BLB0081 and BLB0164 should be qualified J with reason code LDPR. All copper detections in batch BLB0164 should be qualified J with reason code LDPR.

> ***Qualification: The lead results for samples SIB-039-MLW-0-1-10252022, SIB-039-OHW-0-1-10252022, FD14-10252022, SIB-038-MLW-0-1-10252022, SIB-038-OHW-0-1-10252022, SIB-037-MLW-0-1-10252022, SIB-037-OHW-0-1-10252022, SIB-036-MLW-0-1-10252022, SIB-036-OHW-0-1-10252022, SIB-035-OHW-0-1-10252022, SIB-022-OHW-0-1-10252022, SIB-023-OHW-0-1-10252022, SIB-024-OHW-0-1-10252022, SIB-025-OHW-0-1-10252022, SIB-026-OHW-0-1-10252022, SIB-027-OHW-0-1-10252022, SIB-028-OHW-0-1-10252022, SIB-029-OHW-0-1-10252022, SIB-030-MLW-0-1-10252022, SIB-030-OHW-0-1-10252022, SIB-031-OHW-0-1-10252022, SIB-032-OHW-0-1-10252022, SIB-033-OHW-0-1-10252022, SIB-034-MLW-0-1-10252022, SIB-034-OHW-0-1-10252022, SIB-121-TOB-0-1-10262022, SIB-124-TOB-0-1-10262022, SIB-125-MLW-0-1-10262022, SIB-125-OHW-0-1-10262022 and SIB-125-TOB-0-1-10262022 are qualified J with reason code LDPR.***

> ***The copper results for samples SIB-039-MLW-0-1-10252022, SIB-039-OHW-0-1-10252022, FD14-10252022, SIB-038-MLW-0-1-10252022, SIB-038-OHW-0-1-10252022, SIB-037-MLW-0-1-10252022, SIB-037-OHW-0-1-10252022, SIB-036-MLW-0-1-10252022, SIB-036-OHW-0-1-10252022, SIB-035-OHW-0-1-10252022 are qualified J with reason code LDPR.***

Compound Quantitation – Analyte results were reported with the associated DL, LOD, and LOQ in the DoD format instead of with the associated MDL and RL. Non-detected results were reported on the hardcopy as <#, where # corresponds to the LOD. The HGL reviewer confirmed that the value associated with non-detected results in the EDD is the MDL, in accordance with the project reporting requirements. Analytes detected between the MDL and RL were reported as J-qualified results by the laboratory. These J qualifiers were retained unless superseded by a more severe qualifier.

> *Qualification: None required.*

Qualification Summary Table (concentrations in µg/kg [Aroclors] or mg/kg [metals]):

Sample	Analyte	Lab Value	Lab Qualifier	Validated Value	Validated Qualifier	Reason Code
SIB-039-MLW-0-1-10252022	COPPER	33.5	D	33.5	J	LDPR
SIB-039-MLW-0-1-10252022	LEAD	27.3	D	27.3	J	MSP, LDPR
SIB-039-MLW-0-1-10252022	MERCURY	0.0539	--	0.0539	J	MSL,MSP
SIB-039-OHW-0-1-10252022	COPPER	17.4	D	17.4	J	LDPR
SIB-039-OHW-0-1-10252022	LEAD	5.44	D	5.44	J	MSP, LDPR
SIB-039-OHW-0-1-10252022	MERCURY	0.00472	U	0.00472	UJ	MSL
FD14-10252022	COPPER	17.1	D	17.1	J	LDPR
FD14-10252022	LEAD	6.07	D	6.07	J	MSP, LDPR
FD14-10252022	MERCURY	0.00542	U	0.00542	UJ	MSL
SIB-038-MLW-0-1-10252022	COPPER	56.9	D	56.9	J	LDPR
SIB-038-MLW-0-1-10252022	LEAD	181	D	181	J	MSP, LDPR
SIB-038-MLW-0-1-10252022	MERCURY	0.00504	U	0.00504	UJ	MSL
SIB-038-OHW-0-1-10252022	COPPER	141	D	141	J	LDPR
SIB-038-OHW-0-1-10252022	LEAD	11.4	D	11.4	J	MSP, LDPR
SIB-038-OHW-0-1-10252022	MERCURY	0.00546	U	0.00546	UJ	MSL
SIB-037-MLW-0-1-10252022	COPPER	239	D	239	J	LDPR
SIB-037-MLW-0-1-10252022	LEAD	47	D	47	J	MSP, LDPR
SIB-037-MLW-0-1-10252022	MERCURY	0.0428	--	0.0428	J	MSL,MSP
SIB-037-OHW-0-1-10252022	COPPER	27.6	D	27.6	J	LDPR
SIB-037-OHW-0-1-10252022	LEAD	56.2	D	56.2	J	MSP, LDPR
SIB-037-OHW-0-1-10252022	MERCURY	0.0229	--	0.0229	J	MSL,MSP
SIB-036-MLW-0-1-10252022	COPPER	324	D	324	J	LDPR
SIB-036-MLW-0-1-10252022	LEAD	395	D	395	J	MSP, LDPR
SIB-036-MLW-0-1-10252022	MERCURY	0.366	--	0.366	J	MSL,MSP
SIB-036-MLW-0-1-10252022	PCB-1254 (AROCLOR 1254)	392	P1 D	392	J	SSH
SIB-036-MLW-0-1-10252022	PCB-1260 (AROCLOR 1260)	424	D	424	J	SSH

Sample	Analyte	Lab Value	Lab Qualifier	Validated Value	Validated Qualifier	Reason Code
SIB-036-OHW-0-1-10252022	COPPER	18.7	D	18.7	J	LDPR
SIB-036-OHW-0-1-10252022	LEAD	4.61	D	4.61	J	MSP, LDPR
SIB-036-OHW-0-1-10252022	MERCURY	0.0328	--	0.0328	J	MSL,MSP
SIB-035-OHW-0-1-10252022	COPPER	556	D	556	J	LDPR
SIB-035-OHW-0-1-10252022	LEAD	203	D	203	J	MSP, LDPR
SIB-035-OHW-0-1-10252022	MERCURY	0.15	--	0.15	J	MSL,MSP
SIB-035-OHW-0-1-10252022	PCB-1254 (AROCLOR 1254)	198	D	198	J	SSH
SIB-035-OHW-0-1-10252022	PCB-1260 (AROCLOR 1260)	285	D	285	J	SSH
SIB-034-MLW-0-1-10252022	COPPER	708	D	708	J	MSH
SIB-034-MLW-0-1-10252022	LEAD	247	D	247	J	MSP, LDPR
SIB-034-MLW-0-1-10252022	PCB-1254 (AROCLOR 1254)	338	P1 D	338	J	SSH
SIB-034-MLW-0-1-10252022	PCB-1260 (AROCLOR 1260)	240	D	240	J	SSH
SIB-034-OHW-0-1-10252022	COPPER	266	D	266	J	MSH
SIB-034-OHW-0-1-10252022	LEAD	239	D	239	J	MSP, LDPR
SIB-034-OHW-0-1-10252022	PCB-1254 (AROCLOR 1254)	148	P1 D	148	J	SSH
SIB-034-OHW-0-1-10252022	PCB-1260 (AROCLOR 1260)	212	D	212	J	SSH
SIB-033-OHW-0-1-10252022	COPPER	639	D	639	J	MSH
SIB-033-OHW-0-1-10252022	LEAD	539	D	539	J	MSP, LDPR
SIB-033-OHW-0-1-10252022	PCB-1254 (AROCLOR 1254)	607	D	607	J	SSH
SIB-033-OHW-0-1-10252022	PCB-1260 (AROCLOR 1260)	691	D	691	J	SSH
SIB-032-OHW-0-1-10252022	COPPER	253	D	253	J	MSH
SIB-032-OHW-0-1-10252022	LEAD	296	D	296	J	MSP, LDPR
SIB-032-OHW-0-1-10252022	PCB-1254 (AROCLOR 1254)	116	D	116	J	SSH
SIB-032-OHW-0-1-10252022	PCB-1260 (AROCLOR 1260)	264	D	264	J	SSH
SIB-031-OHW-0-1-10252022	COPPER	83.6	D	83.6	J	MSH
SIB-031-OHW-0-1-10252022	LEAD	112	D	112	J	MSP, LDPR
SIB-031-OHW-0-1-10252022	PCB-1254 (AROCLOR 1254)	40.6	P1 D	40.6	J	SSH
SIB-031-OHW-0-1-10252022	PCB-1260 (AROCLOR 1260)	162	D	162	J	SSH

Sample	Analyte	Lab Value	Lab Qualifier	Validated Value	Validated Qualifier	Reason Code
SIB-030-MLW-0-1-10252022	COPPER	250	D	250	J	MSH
SIB-030-MLW-0-1-10252022	LEAD	227	D	227	J	MSP, LDPR
SIB-030-MLW-0-1-10252022	PCB-1254 (AROCLOR 1254)	119	P1 D	119	J	SSH
SIB-030-MLW-0-1-10252022	PCB-1260 (AROCLOR 1260)	484	D	484	J	SSH
SIB-030-OHW-0-1-10252022	COPPER	113	D	113	J	MSH
SIB-030-OHW-0-1-10252022	LEAD	57.5	D	57.5	J	MSP, LDPR
SIB-030-OHW-0-1-10252022	PCB-1254 (AROCLOR 1254)	25.9	D	25.9	J	SSH
SIB-030-OHW-0-1-10252022	PCB-1260 (AROCLOR 1260)	63.8	D	63.8	J	SSH
SIB-029-OHW-0-1-10252022	COPPER	291	D	291	J	MSH
SIB-029-OHW-0-1-10252022	LEAD	170	D	170	J	MSP, LDPR
SIB-029-OHW-0-1-10252022	PCB-1254 (AROCLOR 1254)	90.7	P1 D	90.7	J	SSH
SIB-029-OHW-0-1-10252022	PCB-1260 (AROCLOR 1260)	270	D	270	J	SSH
SIB-028-OHW-0-1-10252022	COPPER	226	D	226	J	MSH
SIB-028-OHW-0-1-10252022	LEAD	201	D	201	J	MSP, LDPR
SIB-028-OHW-0-1-10252022	PCB-1254 (AROCLOR 1254)	104	D	104	J	SSH
SIB-028-OHW-0-1-10252022	PCB-1260 (AROCLOR 1260)	199	D	199	J	SSH
SIB-027-OHW-0-1-10252022	COPPER	27.5	D	27.5	J	MSH
SIB-027-OHW-0-1-10252022	LEAD	19.7	D	19.7	J	MSP, LDPR
SIB-026-OHW-0-1-10252022	COPPER	53.6	D	53.6	J	MSH
SIB-026-OHW-0-1-10252022	LEAD	11	D	11	J	MSP, LDPR
SIB-025-OHW-0-1-10252022	COPPER	312	D	312	J	MSH
SIB-025-OHW-0-1-10252022	LEAD	155	D	155	J	MSP, LDPR
SIB-025-OHW-0-1-10252022	PCB-1248 (AROCLOR 1248)	50.6	D	50.6	J	SSH
SIB-025-OHW-0-1-10252022	PCB-1254 (AROCLOR 1254)	146	D	146	J	SSH
SIB-025-OHW-0-1-10252022	PCB-1260 (AROCLOR 1260)	217	D	217	J	SSH
SIB-024-OHW-0-1-10252022	COPPER	104	D	104	J	MSH
SIB-024-OHW-0-1-10252022	LEAD	88.6	D	88.6	J	MSP, LDPR
SIB-024-OHW-0-1-10252022	PCB-1254 (AROCLOR 1254)	118	D	118	J	SSH

Sample	Analyte	Lab Value	Lab Qualifier	Validated Value	Validated Qualifier	Reason Code
SIB-024-OHW-0-1-10252022	PCB-1260 (AROCLOR 1260)	137	D	137	J	SSH
SIB-023-OHW-0-1-10252022	COPPER	97	D	97	J	MSH
SIB-023-OHW-0-1-10252022	LEAD	82.5	D	82.5	J	MSP, LDPR
SIB-023-OHW-0-1-10252022	PCB-1254 (AROCLOR 1254)	26.9	D	26.9	J	SSH
SIB-023-OHW-0-1-10252022	PCB-1260 (AROCLOR 1260)	44.1	D	44.1	J	SSH
SIB-121-TOB-0-1-10262022	COPPER	62.1	D	62.1	J	MSH
SIB-121-TOB-0-1-10262022	LEAD	161	D	161	J	MSH, LDPR, FDPR
SIB-022-OHW-0-1-10252022	COPPER	60	D	60	J	MSH
SIB-022-OHW-0-1-10252022	LEAD	19	D	19	J	MSP, LDPR
SIB-125-TOB-0-1-10262022	COPPER	42.3	D	42.3	J	MSH
SIB-125-TOB-0-1-10262022	LEAD	22.4	D	22.4	J	MSP, LDPR
SIB-125-TOB-0-1-10262022	PCB-1254 (AROCLOR 1254)	228	D	228	J	FDPA
SIB-125-OHW-0-1-10262022	COPPER	47	D	47	J	MSH
SIB-125-OHW-0-1-10262022	LEAD	27.1	D	27.1	J	MSP, LDPR
SIB-125-OHW-0-1-10262022	PCB-1254 (AROCLOR 1254)	25	D	25	J	SSH
SIB-125-OHW-0-1-10262022	PCB-1260 (AROCLOR 1260)	36.6	D	36.6	J	SSH
SIB-125-MLW-0-1-10262022	COPPER	18.8	D	18.8	J	MSH
SIB-125-MLW-0-1-10262022	LEAD	13.9	D	13.9	J	MSP, LDPR
SIB-124-TOB-0-1-10262022	COPPER	363	D	363	J	MSH
SIB-124-TOB-0-1-10262022	LEAD	250	D	250	J	MSP, LDPR
SIB-121-OHW-0-1-10262022	Aroclor 1262	2.9	D U	2.9	UJ	MSL
SIB-121-OHW-0-1-10262022	PCB-1248 (AROCLOR 1248)	7.8	D U	7.8	UJ	MSL
SIB-121-OHW-0-1-10262022	PCB-1254 (AROCLOR 1254)	84.9	D	84.9	J	MSL, MSP
SIB-121-OHW-0-1-10262022	PCB-1260 (AROCLOR 1260)	70	D	70	J	MSL, MSP
SIB-121-OHW-0-1-10262022	PCB-1268 (AROCLOR 1268)	2.9	D U	2.9	UJ	MSL
FD16-10262022	PCB-1254 (AROCLOR 1254)	44.7	D	44.7	J	FDPA
FD20-10262022	LEAD	24.5	D	24.5	J	FDPR
SIB-022-MLW-0-1-10252022	PCB-1248 (AROCLOR 1248)	31.4	D	31.4	J	SSH

Sample	Analyte	Lab Value	Lab Qualifier	Validated Value	Validated Qualifier	Reason Code
SIB-022-MLW-0-1-10252022	PCB-1254 (AROCLOR 1254)	60	D	60	J	SSH
SIB-022-MLW-0-1-10252022	PCB-1260 (AROCLOR 1260)	63.4	D	63.4	J	SSH