Stage 2A Review
Data Quality Control (QC)

Site: PHSS-SIB PDI	SDG #: Case 22J0477
Laboratory: ARI	Date: 5/19/2023
HydroGeoLogic, Inc. Reviewer: Deanna Valdebenito Peer Reviewer: Ken Rapuano (5.24.23)	Project: DT2002

Client Sample ID	Laboratory Sample ID	Analyses	Matrix
EB03-10192022	22J0477-01	PCB Aroclors and Total Metals/Mercury	Water
EB04-10262022	22J0477-02	PCB Aroclors and Total Metals/Mercury	Water

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. No completeness issues were noted.

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.

Qualification: None required.

Method Blanks – All method blanks were free from contamination.

Qualification: None required.

Rinsate Blanks – The samples reported in this SDG are equipment rinse blanks associated with site sediment samples.

Qualification: None required.

Laboratory Control Sample (LCS) and Laboratory Control Sample Duplicate (LCSD) – All LCS/LCSD %Rs and RPDs were within QAPP control limits.

Qualification: None required.

Surrogates – All surrogates were within QAPP control limits.

Qualification: None required.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) – An MS/MSD was performed on sample EB03-10192022 for mercury. All %R and RPDs were within QAPP control limits.

Qualification: None required.

Field Duplicate – A field duplicate was not submitted with the samples in this SDG.

Qualification: None required.

Laboratory Duplicate – A laboratory duplicate was performed for mercury and for metals using sample EB03-10192022. The RPDs of the duplicate pair met the acceptance criteria.

Qualification: None required.

Compound Quantitation – Analyte non-detections were reported as ND with the associated DL and RL included on the result summary pages. This reporting format is equivalent to reporting non-detected data in the “MDL U” format. Analytes detected between the DL and LOQ 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 These J qualifiers were retained unless superseded by a more severe qualifier.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/L):

Sample	Analyte	Lab Value	Lab Qualifier	Validated Value	Validated Qualifier	Reason Code
EB03-10192022	None required.					
EB04-10262022	None required.					