# HGL Data Validation Review Report

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|---|---|
| Project Name/Number | PHSS-SIB PDI / DT2002 |
| Data Validation Stage | 4 |
| Validation Subcontractor | EcoChem |
| Laboratory | Analytical Resources, Inc. (ARI) |
| SDG | 22E0325 |
| HGL Reviewer | Ken Rapuano 1.24.23 |
| HGL QC Review | Deanna Valdebenito 2.14.23 |

**General issues:** None noted.

**PCBs as Aroclors – 8082A**

**Initial Calibration Verification:** The validator noted the ICV discrepancy for PCB-1260 and applied a J qualifier to the detected PCB-1260 result reported for sample SIB-SW-WR15-050522 (this sample was erroneously identified as SIB-SW-WR198-050522 in the DV report text, although the correct sample ID is used in the qualification summary table). Second source ICVs are not addressed by the NFG. In the judgment of the HGL reviewer, discrepancies in second source ICVs should be treated in a manner similar to CCVs as described in the NFG. **The non-detected PCB-1260 results reported for samples SIB-SW-WR198-050522, SIB-SW-WR186-050522, SIB-SW-WR428-050522, and SIB-SW-WR71-050522 should be qualified UJ, reason code CCVD.**

**Reported Results:** The validator correctly selected the 1C result for each analysis as the usable results and qualified the 2C results with DNR and reason code EXC. **The "reportable_result" field in the corresponding Excel file should be changed from Yes to No for all DNR results.**

Qualification Modification Table (all results in µg/L)

| Sample | Analyte | Validated Result | Validated Qualifier | Validated Reason Code | Modified Final Qualifier | Modified Final Reason Code |
|---|---|---|---|---|---|---|
| SIB-SW-WR198-050522 | PCB-1260 | 0.003 | U | -- | UJ | SSVD |
| SIB-SW-WR186-050522 | PCB-1260 | 0.003 | U | -- | UJ | SSVD |
| SIB-SW-WR428-050522 | PCB-1260 | 0.003 | U | -- | UJ | SSVD |
| SIB-SW-WR71-050522 | PCB-1260 | 0.003 | U | -- | UJ | SSVD |
| All | All reported from 2C | varies | DNR | Change "reportable_result" field from "Yes" to "No" | | |