High-Resolution Gas Chromatography/High-Resolution Mass Spectrometry
PCCDs/PCDFs (EPA Method 1613B)
Stage 2A Review
Data Quality Control (QC)

Site: PHSS-Swan Island Basin	SDG #: 21636
Laboratory: CFA	Project #: DT2002.03.03.04.01
HydroGeoLogic, Inc. Validator: John Tracy	Validation Date: 09.12.23
HGL Peer Reviewer: Ken Rapuano	Peer Review Date: 9.15.23

Client Sample ID	Laboratory Sample ID	Matrix
SIB-099-TOB-1-2-10072022	21636001	Riverbank Soil
SIB-099-TOB-2-3-10072022	21636002	Riverbank Soil
SIB-098-TOB-2-3-10072022	21636003	Riverbank Soil
SIB-100-OHW-1-2-10062022	21636004	Riverbank Soil
SIB-100-OHW-2-3-10062022	21636005	Riverbank Soil
SIB-100-TOB-1-2-10062022	21636006	Riverbank Soil
SIB-100-TOB-2-3-10062022	21636007	Riverbank Soil
SIB-099-OHW-1-2-10072022	21636008	Riverbank Soil
SIB-102-OHW-1-2-10062022	21636009	Riverbank Soil
SIB-102-OHW-2-3-10062022	21636010	Riverbank Soil
SIB-102-MLW-1-2-10062022	21636011	Riverbank Soil
SIB-101-TOB-1-2-10062022	21636012	Riverbank Soil
SIB-104-TOB-1-2-10062022	21636013	Riverbank Soil
SIB-103-OHW-1-2-10062022	21636014	Riverbank Soil
SIB-102-TOB-1-2-10062022	21636015	Riverbank Soil
SIB-102-TOB-2-3-10062022	21636016	Riverbank Soil
SIB-106-TOB-1-2-10052022	21636017	Riverbank Soil
SIB-110-MLW-1-2-10052022	21636018	Riverbank Soil

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. No other discrepancies were noted.

Qualification: None required.

Holding Times – All samples were prepared and analyzed within their required holding times.

Qualification: None required.

Method Blanks – The method 1613B method bank was contaminated with target analytes including the following:

- 1,2,3,4,6,7,8-HpCDD at 0.3 pg/g, leading to a qualification limit of 1.5 pg/g

- 1,2,3,4,6,7,8,9-OCDD at 1.18 pg/g, leading to a qualification limit of 5.9 pg/g
- 2,3,7,8-TCDF at 0.202 pg/g, leading to a qualification limit of 1.01 pg/g
- 1,2,3,7,8-PeCDF at 0.138 pg/g, leading to a qualification limit of 0.69 pg/g
- 1,2,3,4,7,8-HxCDF at 0.124 pg/g, leading to a qualification limit of 0.62 pg/g
- 1,2,3,6,7,8-HxCDF at 0.09 pg/g, leading to a qualification limit of 0.45 pg/g
- 2,3,4,6,7,8-HxCDF at 0.126 pg/g, leading to a qualification limit of 0.63 pg/g
- 1,2,3,4,6,7,8-HpCDF at 0.33 pg/g, leading to a qualification limit of 1.65 pg/g
- 1,2,3,4,6,7,8,9-OCDF at 0.352 pg/g, leading to a qualification limit of 1.76 pg/g

Detections in associated samples less than or equal to the qualification limits should be qualified U-MBL.

Qualification: **The following results were qualified U-MBL; the detect_flag for the affected results is changed from Y to N.**

- **The 2,3,7,8-TCDF results in all samples except SIB-100-OHW-1-2-10062022 and SIB-102-OHW-1-2-10062022**
- **The 1,2,3,7,8-PeCDF results in samples SIB-100-OHW-1-2-10062022, SIB-100-OHW-2-3-10062022, SIB-102-OHW-1-2-10062022, SIB-102-OHW-2-3-10062022, SIB-102-MLW-1-2-10062022, SIB-104-TOB-1-2-10062022, SIB-103-OHW-1-2-10062022, SIB-106-TOB-1-2-10052022, and SIB-110-MLW-1-2-10052022**
- **The 1,2,3,4,7,8-HxCDF results in samples SIB-100-OHW-1-2-10062022, SIB-100-OHW-2-3-10062022, SIB-102-OHW-1-2-10062022, SIB-102-OHW-2-3-10062022, SIB-102-MLW-1-2-10062022, SIB-103-OHW-1-2-10062022, and SIB-110-MLW-1-2-10052022**
- **The 1,2,3,6,7,8-HxCDF results in samples SIB-100-OHW-2-3-10062022, SIB-100-TOB-1-2-10062022, SIB-100-TOB-2-3-10062022, SIB-102-OHW-1-2-10062022, SIB-102-OHW-2-3-10062022, SIB-102-MLW-1-2-10062022, SIB-101-TOB-1-2-10062022, SIB-103-OHW-1-2-10062022, and SIB-110-MLW-1-2-10052022**
- **The 2,3,4,6,7,8-HxCDF results in samples SIB-100-OHW-2-3-10062022, SIB-100-TOB-1-2-10062022, SIB-100-TOB-2-3-10062022, SIB-099-OHW-1-2-10072022, SIB-102-OHW-1-2-10062022, SIB-102-OHW-2-3-10062022, SIB-102-MLW-1-2-10062022, SIB-101-TOB-1-2-10062022, SIB-103-OHW-1-2-10062022, and SIB-110-MLW-1-2-10052022**
- **The 1,2,3,4,6,7,8-HpCDF results in samples SIB-100-OHW-2-3-10062022, SIB-102-OHW-1-2-10062022, SIB-102-OHW-2-3-10062022, SIB-102-MLW-1-2-10062022, SIB-103-OHW-1-2-10062022, and SIB-110-MLW-1-2-10052022**
- **The 1,2,3,4,6,7,8,9-OCDF results in samples SIB-100-OHW-2-3-10062022, SIB-102-OHW-1-2-10062022, SIB-102-OHW-2-3-10062022, SIB-102-MLW-1-2-10062022, SIB-103-OHW-1-2-10062022, and SIB-110-MLW-1-2-10052022**

Rinsate Blanks – Rinse blank EB01-10052022 (results reported in SDG 20574) is associated with all samples in this SDG and was free from contamination.

Qualification: None required.

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

Qualification: None required.

Surrogates – All surrogates (labeled standards) were within control limits.

Qualification: None required.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) – An MS/MSD was performed using sample SIB-099-TOB-1-2-10072022. All %Rs and RPDs were within QAPP control limits.

Qualification: None required.

Field Duplicate – No field duplicate was submitted with this SDG.

Qualification: None required.

Compound Quantitation – Analyte non-detections were reported as the EDL and qualified U. Analytes detected between the EDL and PQL were reported as J-qualified results by the laboratory. These J qualifiers were retained unless superseded by a more severe qualifier.

If a detected analyte has an ion ration outside the characteristic ion ratio window, the result is reported as an estimated maximum potential concentration. All results reported as an EMPC (a "K" flag is present in the laboratory qualifier) are qualified J-EMPC unless superseded by a higher priority qualifier.

2,3,7,8-TCDF is not fully resolved on the DB-5MS column; when detected above the PQL on the DB-5MS column, the result was confirmed on a DB-225 column using the instrument ID listed in the case narrative. In cases where two results are reported for 2,3,7,8-TCDF for a sample, the result from the DB-225 column is selected for use and the result from the DB-5MS is qualified DNR-EXC.

Qualification: **The following results are qualified:**

- **All results reported with a laboratory qualifier of K are qualified J with reason code EMPC.**
- **All 2,3,7,8-TCDF results reported from the DB-5MS column that are paired with a 2,3,7,8-TCDF result from the DB-225 column are qualified DNR, reason code EXC; note that the reportable_result field for these results are populated with "Yes" by the laboratory and are changed to "No" for the affected results.**

Qualification Summary Table (results in pg/g):

Sample	Analyte	Lab Value	Lab Qualifier	Validated Value	Validated Qualifier	Reason Code
SIB-099-TOB-1-2-10072022	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.392	JK	0.392	J	EMPC
SIB-099-TOB-1-2-10072022	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.893	JK	0.893	J	EMPC
SIB-099-TOB-1-2-10072022	2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	0.772	BJK	0.772	J	EMPC
SIB-099-TOB-2-3-10072022	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.479	JK	0.479	J	EMPC
SIB-099-TOB-2-3-10072022	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	1.28	JK	1.28	J	EMPC
SIB-099-TOB-2-3-10072022	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.469	JK	0.469	J	EMPC
SIB-098-TOB-2-3-10072022	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.754	JK	0.754	J	EMPC
SIB-098-TOB-2-3-10072022	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.695	JK	0.695	J	EMPC
SIB-100-OHW-1-2-10062022	1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	0.195	JK	0.195	J	EMPC
SIB-100-OHW-1-2-10062022	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.155	JK	0.155	J	EMPC
SIB-100-OHW-1-2-10062022	1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	0.265	JK	0.265	J	EMPC
SIB-100-OHW-1-2-10062022	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.355	JK	0.355	J	EMPC
SIB-100-OHW-1-2-10062022	2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	1.82	JK	1.82	J	EMPC
SIB-100-OHW-2-3-10062022	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.134	JK	0.134	J	EMPC
SIB-100-OHW-2-3-10062022	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.179	JK	0.179	J	EMPC
SIB-100-TOB-1-2-10062022	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.54	JK	0.54	J	EMPC
SIB-100-TOB-1-2-10062022	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.495	JK	0.495	J	EMPC
SIB-100-TOB-2-3-10062022	1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	0.464	JK	0.464	J	EMPC
SIB-100-TOB-2-3-10062022	1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	1.63	JK	1.63	J	EMPC
SIB-100-TOB-2-3-10062022	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.496	JK	0.496	J	EMPC
SIB-100-TOB-2-3-10062022	1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	0.215	JK	0.215	J	EMPC
SIB-100-TOB-2-3-10062022	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.442	JK	0.442	J	EMPC
SIB-099-OHW-1-2-10072022	1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	0.615	JK	0.615	J	EMPC
SIB-099-OHW-1-2-10072022	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	0.328	JK	0.328	J	EMPC
SIB-102-OHW-1-2-10062022	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.168	JK	0.168	J	EMPC
SIB-102-OHW-2-3-10062022	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.138	JK	0.138	J	EMPC
SIB-102-MLW-1-2-10062022	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.16	JK	0.16	J	EMPC
SIB-102-MLW-1-2-10062022	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.247	JK	0.247	J	EMPC
SIB-104-TOB-1-2-10062022	1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	0.867	BJK	0.867	J	EMPC

Sample	Analyte	Lab Value	Lab Qualifier	Validated Value	Validated Qualifier	Reason Code
SIB-104-TOB-1-2-10062022	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.32	JK	0.32	J	EMPC
SIB-104-TOB-1-2-10062022	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	1.81	K	1.81	J	EMPC
SIB-103-OHW-1-2-10062022	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.166	JK	0.166	J	EMPC
SIB-103-OHW-1-2-10062022	2,3,4,7,8-PENTACHLORODIBENZOFURAN	0.132	JK	0.132	J	EMPC
SIB-102-TOB-1-2-10062022	1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	0.255	JK	0.255	J	EMPC
SIB-102-TOB-1-2-10062022	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.2	JK	0.2	J	EMPC
SIB-102-TOB-2-3-10062022	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.193	JK	0.193	J	EMPC
SIB-102-TOB-2-3-10062022	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.171	JK	0.171	J	EMPC
SIB-106-TOB-1-2-10052022	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.473	JK	0.473	J	EMPC
SIB-110-MLW-1-2-10052022	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.0699	JK	0.0699	J	EMPC
SIB-110-MLW-1-2-10052022	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.136	JK	0.136	J	EMPC
SIB-110-MLW-1-2-10052022	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.126	JK	0.126	J	EMPC
SIB-099-TOB-1-2-10072022	2,3,7,8-TETRACHLORODIBENZOFURAN	0.528	BJ	0.528	U	MBL
SIB-099-TOB-2-3-10072022	2,3,7,8-TETRACHLORODIBENZOFURAN	0.93	BJ	0.93	U	MBL
SIB-098-TOB-2-3-10072022	2,3,7,8-TETRACHLORODIBENZOFURAN	0.892	BJ	0.892	U	MBL
SIB-100-OHW-1-2-10062022	1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	0.498	BJ	0.498	U	MBL
SIB-100-OHW-1-2-10062022	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.289	BJ	0.289	U	MBL
SIB-100-OHW-2-3-10062022	1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	0.795	BJ	0.795	U	MBL
SIB-100-OHW-2-3-10062022	1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	0.159	BJK	0.159	UJ	MBL,EMPC
SIB-100-OHW-2-3-10062022	1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	0.114	BJK	0.114	UJ	MBL,EMPC
SIB-100-OHW-2-3-10062022	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.11	BJ	0.11	U	MBL
SIB-100-OHW-2-3-10062022	2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	0.271	BJK	0.271	UJ	MBL,EMPC
SIB-100-OHW-2-3-10062022	2,3,7,8-TETRACHLORODIBENZOFURAN	0.243	BJK	0.243	UJ	MBL,EMPC
SIB-100-OHW-2-3-10062022	OCTACHLORODIBENZOFURAN	1.03	BJ	1.03	U	MBL
SIB-100-TOB-1-2-10062022	1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	0.334	BJ	0.334	U	MBL
SIB-100-TOB-1-2-10062022	2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	0.449	BJ	0.449	U	MBL
SIB-100-TOB-1-2-10062022	2,3,7,8-TETRACHLORODIBENZOFURAN	0.661	BJ	0.661	U	MBL
SIB-100-TOB-2-3-10062022	1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	0.267	BJ	0.267	U	MBL
SIB-100-TOB-2-3-10062022	2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	0.416	BJ	0.416	U	MBL
SIB-100-TOB-2-3-10062022	2,3,7,8-TETRACHLORODIBENZOFURAN	0.691	BJ	0.691	U	MBL
SIB-099-OHW-1-2-10072022	2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	0.539	BJ	0.539	U	MBL

Sample	Analyte	Lab Value	Lab Qualifier	Validated Value	Validated Qualifier	Reason Code
SIB-099-OHW-1-2-10072022	2,3,7,8-TETRACHLORODIBENZOFURAN	0.29	BJ	0.29	U	MBL
SIB-102-OHW-1-2-10062022	1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	1.14	BJ	1.14	U	MBL
SIB-102-OHW-1-2-10062022	1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	0.164	BJ	0.164	U	MBL
SIB-102-OHW-1-2-10062022	1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	0.0838	BJ	0.0838	U	MBL
SIB-102-OHW-1-2-10062022	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.14	BJ	0.14	U	MBL
SIB-102-OHW-1-2-10062022	2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	0.0858	BJ	0.0858	U	MBL
SIB-102-OHW-1-2-10062022	OCTACHLORODIBENZOFURAN	1.38	BJ	1.38	U	MBL
SIB-102-OHW-2-3-10062022	1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	0.852	BJ	0.852	U	MBL
SIB-102-OHW-2-3-10062022	1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	0.13	BJK	0.13	UJ	MBL,EMPC
SIB-102-OHW-2-3-10062022	1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	0.0598	BJ	0.0598	U	MBL
SIB-102-OHW-2-3-10062022	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.152	BJK	0.152	UJ	MBL,EMPC
SIB-102-OHW-2-3-10062022	2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	0.0658	BJK	0.0658	UJ	MBL,EMPC
SIB-102-OHW-2-3-10062022	2,3,7,8-TETRACHLORODIBENZOFURAN	0.174	BJ	0.174	U	MBL
SIB-102-OHW-2-3-10062022	OCTACHLORODIBENZOFURAN	0.936	BJ	0.936	U	MBL
SIB-102-MLW-1-2-10062022	1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	0.348	BJ	0.348	U	MBL
SIB-102-MLW-1-2-10062022	1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	0.192	BJ	0.192	U	MBL
SIB-102-MLW-1-2-10062022	1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	0.0871	BJ	0.0871	U	MBL
SIB-102-MLW-1-2-10062022	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.148	BJK	0.148	UJ	MBL,EMPC
SIB-102-MLW-1-2-10062022	2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	0.0614	BJK	0.0614	UJ	MBL,EMPC
SIB-102-MLW-1-2-10062022	2,3,7,8-TETRACHLORODIBENZOFURAN	0.277	BJK	0.277	UJ	MBL,EMPC
SIB-102-MLW-1-2-10062022	OCTACHLORODIBENZOFURAN	0.245	BJ	0.245	U	MBL
SIB-101-TOB-1-2-10062022	1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	0.328	BJ	0.328	U	MBL
SIB-101-TOB-1-2-10062022	2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	0.445	BJ	0.445	U	MBL
SIB-101-TOB-1-2-10062022	2,3,7,8-TETRACHLORODIBENZOFURAN	0.742	BJ	0.742	U	MBL
SIB-104-TOB-1-2-10062022	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.504	BJ	0.504	U	MBL
SIB-104-TOB-1-2-10062022	2,3,7,8-TETRACHLORODIBENZOFURAN	0.693	BJ	0.693	U	MBL
SIB-103-OHW-1-2-10062022	1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	0.943	BJ	0.943	U	MBL
SIB-103-OHW-1-2-10062022	1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	0.212	BJK	0.212	UJ	MBL,EMPC
SIB-103-OHW-1-2-10062022	1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	0.112	BJ	0.112	U	MBL
SIB-103-OHW-1-2-10062022	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.198	BJK	0.198	UJ	MBL,EMPC
SIB-103-OHW-1-2-10062022	2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	0.12	BJ	0.12	U	MBL

Sample	Analyte	Lab Value	Lab Qualifier	Validated Value	Validated Qualifier	Reason Code
SIB-103-OHW-1-2-10062022	2,3,7,8-TETRACHLORODIBENZOFURAN	0.198	BJ	0.198	U	MBL
SIB-103-OHW-1-2-10062022	OCTACHLORODIBENZOFURAN	1.18	BJ	1.18	U	MBL
SIB-102-TOB-1-2-10062022	2,3,7,8-TETRACHLORODIBENZOFURAN	0.356	BJ	0.356	U	MBL
SIB-102-TOB-2-3-10062022	2,3,7,8-TETRACHLORODIBENZOFURAN	0.258	BJ	0.258	U	MBL
SIB-106-TOB-1-2-10052022	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.574	BJ	0.574	U	MBL
SIB-106-TOB-1-2-10052022	2,3,7,8-TETRACHLORODIBENZOFURAN	0.481	BJK	0.481	UJ	MBL,EMPC
SIB-110-MLW-1-2-10052022	1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	0.454	BJ	0.454	U	MBL
SIB-110-MLW-1-2-10052022	1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	0.158	BJK	0.158	UJ	MBL,EMPC
SIB-110-MLW-1-2-10052022	1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	0.0859	BJ	0.0859	U	MBL
SIB-110-MLW-1-2-10052022	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.122	BJK	0.122	UJ	MBL,EMPC
SIB-110-MLW-1-2-10052022	2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	0.05	BJ	0.05	U	MBL
SIB-110-MLW-1-2-10052022	2,3,7,8-TETRACHLORODIBENZOFURAN	0.25	BJ	0.25	U	MBL
SIB-110-MLW-1-2-10052022	OCTACHLORODIBENZOFURAN	0.206	BJ	0.206	U	MBL