

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/06/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-705R-S	SDG No.:	Q2815
Lab Sample ID:	Q2815-01	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112922.D	1	08/12/25 09:25	08/13/25 19:08	PB169224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.25	U	0.098	0.25	0.51	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.13	0.40	0.51	ug/L
11141-16-5	Aroclor-1232	0.25	U	0.097	0.25	0.51	ug/L
53469-21-9	Aroclor-1242	0.25	U	0.12	0.25	0.51	ug/L
12672-29-6	Aroclor-1248	0.25	U	0.072	0.25	0.51	ug/L
11097-69-1	Aroclor-1254	0.25	U	0.095	0.25	0.51	ug/L
37324-23-5	Aroclor-1262	0.40	U	0.14	0.40	0.51	ug/L
11100-14-4	Aroclor-1268	0.25	U	0.11	0.25	0.51	ug/L
11096-82-5	Aroclor-1260	0.25	U	0.082	0.25	0.51	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	15.5		35 - 137		78%	SPK: 20
2051-24-3	Decachlorobiphenyl	8.54		40 - 135		43%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit