

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	705R-S	SDG No.:	Q2820
Lab Sample ID:	Q2820-09	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	55.8
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074367.D	1	08/12/25 08:15	08/13/25 22:24	PB169205

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	14.8	U	7.10	14.8	30.4	ug/kg
11104-28-2	Aroclor-1221	23.3	U	7.20	23.3	30.4	ug/kg
11141-16-5	Aroclor-1232	14.8	U	6.70	14.8	30.4	ug/kg
53469-21-9	Aroclor-1242	14.8	U	7.20	14.8	30.4	ug/kg
12672-29-6	Aroclor-1248	23.3	U	10.6	23.3	30.4	ug/kg
11097-69-1	Aroclor-1254	14.8	U	5.70	14.8	30.4	ug/kg
37324-23-5	Aroclor-1262	23.3	U	9.00	23.3	30.4	ug/kg
11100-14-4	Aroclor-1268	14.8	U	6.40	14.8	30.4	ug/kg
11096-82-5	Aroclor-1260	14.8	U	5.80	14.8	30.4	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	23.6		44 - 130		118%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.3		60 - 125		91%	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