

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	11M-S	SDG No.:	Q2819
Lab Sample ID:	Q2819-06	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	90.5
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089891.D	1	08/12/25 08:16	08/14/25 13:34	PB169206

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.36	U	0.14	0.36	1.90	ug/kg
319-85-7	beta-BHC	0.92	U	0.20	0.92	1.90	ug/kg
319-86-8	delta-BHC	0.92	U	0.43	0.92	1.90	ug/kg
58-89-9	gamma-BHC (Lindane)	0.36	U	0.15	0.36	1.90	ug/kg
76-44-8	Heptachlor	0.36	U	0.13	0.36	1.90	ug/kg
309-00-2	Aldrin	0.36	U	0.13	0.36	1.90	ug/kg
1024-57-3	Heptachlor epoxide	27.3		0.21	0.92	1.90	ug/kg
959-98-8	Endosulfan I	0.36	U	0.15	0.36	1.90	ug/kg
60-57-1	Dieldrin	131	E	0.15	0.36	1.90	ug/kg
72-55-9	4,4-DDE	2.00		0.15	0.36	1.90	ug/kg
72-20-8	Endrin	0.36	U	0.15	0.36	1.90	ug/kg
33213-65-9	Endosulfan II	0.92	U	0.32	0.92	1.90	ug/kg
72-54-8	4,4-DDD	0.36	U	0.17	0.36	1.90	ug/kg
1031-07-8	Endosulfan Sulfate	0.36	U	0.14	0.36	1.90	ug/kg
50-29-3	4,4-DDT	0.36	U	0.15	0.36	1.90	ug/kg
72-43-5	Methoxychlor	0.92	U	0.41	0.92	1.90	ug/kg
53494-70-5	Endrin ketone	0.92	U	0.21	0.92	1.90	ug/kg
7421-93-4	Endrin aldehyde	0.92	U	0.41	0.92	1.90	ug/kg
5103-71-9	alpha-Chlordane	51.3	E	0.13	0.36	1.90	ug/kg
5103-74-2	gamma-Chlordane	9.10		0.17	0.36	1.90	ug/kg
8001-35-2	Toxaphene	18.8	U	6.00	18.8	36.4	ug/kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	18.3		55 - 130		91%	SPK: 20
877-09-8	Tetrachloro-m-xylene	23.5		42 - 129		118%	SPK: 20

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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