

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	17M-WDL	SDG No.:	Q2819
Lab Sample ID:	Q2819-14DL	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	85.6
Sample Wt/Vol:	30.08	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
PD089908.D	2	08/12/25 08:16	08/15/25 10:35	PB169206

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.77	UD	0.30	0.77	4.00	ug/kg
319-85-7	beta-BHC	1.90	UD	0.42	1.90	4.00	ug/kg
319-86-8	delta-BHC	1.90	UD	0.91	1.90	4.00	ug/kg
58-89-9	gamma-BHC (Lindane)	0.77	UD	0.33	0.77	4.00	ug/kg
76-44-8	Heptachlor	0.77	UD	0.28	0.77	4.00	ug/kg
309-00-2	Aldrin	0.77	UD	0.28	0.77	4.00	ug/kg
1024-57-3	Heptachlor epoxide	1.90	UD	0.44	1.90	4.00	ug/kg
959-98-8	Endosulfan I	0.77	UD	0.33	0.77	4.00	ug/kg
60-57-1	Dieldrin	0.77	UD	0.33	0.77	4.00	ug/kg
72-55-9	4,4-DDE	11.7	DP	0.33	0.77	4.00	ug/kg
72-20-8	Endrin	0.77	UD	0.33	0.77	4.00	ug/kg
33213-65-9	Endosulfan II	1.90	UD	0.68	1.90	4.00	ug/kg
72-54-8	4,4-DDD	0.77	UD	0.35	0.77	4.00	ug/kg
1031-07-8	Endosulfan Sulfate	0.77	UD	0.30	0.77	4.00	ug/kg
50-29-3	4,4-DDT	13.8	DP	0.33	0.77	4.00	ug/kg
72-43-5	Methoxychlor	1.90	UD	0.86	1.90	4.00	ug/kg
53494-70-5	Endrin ketone	1.90	UD	0.44	1.90	4.00	ug/kg
7421-93-4	Endrin aldehyde	1.90	UD	0.86	1.90	4.00	ug/kg
5103-71-9	alpha-Chlordane	378	ED	0.28	0.77	4.00	ug/kg
5103-74-2	gamma-Chlordane	312	ED	0.35	0.77	4.00	ug/kg
8001-35-2	Toxaphene	39.6	UD	12.6	39.6	76.9	ug/kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	20.8		55 - 130		104%	SPK: 20
877-09-8	Tetrachloro-m-xylene	24.6		42 - 129		123%	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