

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-WDL2	SDG No.:	Q2819
Lab Sample ID:	Q2819-14DL2	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	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089909.D	20	08/12/25 08:16	08/15/25 10:49	PB169206

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	7.70	UD	3.00	7.70	39.6	ug/kg
319-85-7	beta-BHC	19.3	UD	4.20	19.3	39.6	ug/kg
319-86-8	delta-BHC	19.3	UD	9.10	19.3	39.6	ug/kg
58-89-9	gamma-BHC (Lindane)	7.70	UD	3.30	7.70	39.6	ug/kg
76-44-8	Heptachlor	7.70	UD	2.80	7.70	39.6	ug/kg
309-00-2	Aldrin	7.70	UD	2.80	7.70	39.6	ug/kg
1024-57-3	Heptachlor epoxide	19.3	UD	4.40	19.3	39.6	ug/kg
959-98-8	Endosulfan I	7.70	UD	3.30	7.70	39.6	ug/kg
60-57-1	Dieldrin	7.70	UD	3.30	7.70	39.6	ug/kg
72-55-9	4,4-DDE	12.0	JDP	3.30	7.70	39.6	ug/kg
72-20-8	Endrin	7.70	UD	3.30	7.70	39.6	ug/kg
33213-65-9	Endosulfan II	19.3	UD	6.80	19.3	39.6	ug/kg
72-54-8	4,4-DDD	7.70	UD	3.50	7.70	39.6	ug/kg
1031-07-8	Endosulfan Sulfate	7.70	UD	3.00	7.70	39.6	ug/kg
50-29-3	4,4-DDT	14.8	JDP	3.30	7.70	39.6	ug/kg
72-43-5	Methoxychlor	19.3	UD	8.60	19.3	39.6	ug/kg
53494-70-5	Endrin ketone	19.3	UD	4.40	19.3	39.6	ug/kg
7421-93-4	Endrin aldehyde	19.3	UD	8.60	19.3	39.6	ug/kg
5103-71-9	alpha-Chlordane	358	D	2.80	7.70	39.6	ug/kg
5103-74-2	gamma-Chlordane	300	D	3.50	7.70	39.6	ug/kg
8001-35-2	Toxaphene	396	UD	126	396	769	ug/kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	18.8		55 - 130		94%	SPK: 20
877-09-8	Tetrachloro-m-xylene	26.4	*	42 - 129		132%	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