

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-SRE	SDG No.:	Q2820
Lab Sample ID:	Q2820-09RE	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	55.8
Sample Wt/Vol:	30.06	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
PD089910.D	1	08/12/25 08:16	08/15/25 11:02	PB169206

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.59	U	0.23	0.59	3.00	ug/kg
319-85-7	beta-BHC	1.50	U	0.32	1.50	3.00	ug/kg
319-86-8	delta-BHC	1.50	U	0.70	1.50	3.00	ug/kg
58-89-9	gamma-BHC (Lindane)	0.59	U	0.25	0.59	3.00	ug/kg
76-44-8	Heptachlor	0.59	U	0.21	0.59	3.00	ug/kg
309-00-2	Aldrin	0.59	U	0.21	0.59	3.00	ug/kg
1024-57-3	Heptachlor epoxide	1.50	U	0.34	1.50	3.00	ug/kg
959-98-8	Endosulfan I	0.59	U	0.25	0.59	3.00	ug/kg
60-57-1	Dieldrin	0.59	U	0.25	0.59	3.00	ug/kg
72-55-9	4,4-DDE	1.40	J	0.25	0.59	3.00	ug/kg
72-20-8	Endrin	0.59	U	0.25	0.59	3.00	ug/kg
33213-65-9	Endosulfan II	1.50	U	0.52	1.50	3.00	ug/kg
72-54-8	4,4-DDD	4.30		0.27	0.59	3.00	ug/kg
1031-07-8	Endosulfan Sulfate	0.59	U	0.23	0.59	3.00	ug/kg
50-29-3	4,4-DDT	0.59	U	0.25	0.59	3.00	ug/kg
72-43-5	Methoxychlor	1.50	U	0.66	1.50	3.00	ug/kg
53494-70-5	Endrin ketone	1.50	U	0.34	1.50	3.00	ug/kg
7421-93-4	Endrin aldehyde	1.50	U	0.66	1.50	3.00	ug/kg
5103-71-9	alpha-Chlordane	0.59	U	0.21	0.59	3.00	ug/kg
5103-74-2	gamma-Chlordane	0.59	U	0.27	0.59	3.00	ug/kg
8001-35-2	Toxaphene	30.4	U	9.70	30.4	59.0	ug/kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	8.54	*	55 - 130		43%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.3		42 - 129		87%	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