

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	USACE018-44 DOD	Date Received:	
Client Sample ID:	PB169206BS	SDG No.:	Q2820
Lab Sample ID:	PB169206BS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089866.D	1	08/12/25 08:16	08/12/25 16:47	PB169206

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	18.7		0.13	0.33	1.70	ug/kg
319-85-7	beta-BHC	18.7		0.18	0.83	1.70	ug/kg
319-86-8	delta-BHC	18.9		0.39	0.83	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	18.7		0.14	0.33	1.70	ug/kg
76-44-8	Heptachlor	17.7		0.12	0.33	1.70	ug/kg
309-00-2	Aldrin	18.8		0.12	0.33	1.70	ug/kg
1024-57-3	Heptachlor epoxide	18.6		0.19	0.83	1.70	ug/kg
959-98-8	Endosulfan I	18.7		0.14	0.33	1.70	ug/kg
60-57-1	Dieldrin	18.8		0.14	0.33	1.70	ug/kg
72-55-9	4,4-DDE	18.9		0.14	0.33	1.70	ug/kg
72-20-8	Endrin	16.7		0.14	0.33	1.70	ug/kg
33213-65-9	Endosulfan II	18.8		0.29	0.83	1.70	ug/kg
72-54-8	4,4-DDD	20.1		0.15	0.33	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	18.3		0.13	0.33	1.70	ug/kg
50-29-3	4,4-DDT	16.9		0.14	0.33	1.70	ug/kg
72-43-5	Methoxychlor	16.2		0.37	0.83	1.70	ug/kg
53494-70-5	Endrin ketone	19.5		0.19	0.83	1.70	ug/kg
7421-93-4	Endrin aldehyde	20.3		0.37	0.83	1.70	ug/kg
5103-71-9	alpha-Chlordane	18.9		0.12	0.33	1.70	ug/kg
5103-74-2	gamma-Chlordane	18.9		0.15	0.33	1.70	ug/kg
8001-35-2	Toxaphene	17.0	U	5.40	17.0	33.0	ug/kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	22.3		55 - 130		112%	SPK: 20
877-09-8	Tetrachloro-m-xylene	23.2		42 - 129		116%	SPK: 20

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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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