

Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	12/10/25
Project:	Block B.01 Lot 8.02 Pest Eval	Date Received:	12/10/25
Client Sample ID:	S-3MSD	SDG No.:	Q3832
Lab Sample ID:	Q3832-03MSD	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	83.7
Sample Wt/Vol:	30.05 g	Final Vol:	10000 uL
Prep Method:	SW3541B	Test:	Pesticide-TCL
	Prep Date:		12/11/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	21.9		1	0.16	2.00	ug/kg	12/11/25 17:12	PB170899
319-85-7	beta-BHC	23.9		1	0.21	2.00	ug/kg	12/11/25 17:12	PB170899
319-86-8	delta-BHC	25.2		1	0.47	2.00	ug/kg	12/11/25 17:12	PB170899
58-89-9	gamma-BHC (Lindane)	24.5		1	0.17	2.00	ug/kg	12/11/25 17:12	PB170899
76-44-8	Heptachlor	23.1		1	0.14	2.00	ug/kg	12/11/25 17:12	PB170899
309-00-2	Aldrin	23.4		1	0.14	2.00	ug/kg	12/11/25 17:12	PB170899
1024-57-3	Heptachlor epoxide	23.7		1	0.23	2.00	ug/kg	12/11/25 17:12	PB170899
959-98-8	Endosulfan I	23.2		1	0.17	2.00	ug/kg	12/11/25 17:12	PB170899
60-57-1	Dieldrin	23.3		1	0.17	2.00	ug/kg	12/11/25 17:12	PB170899
72-55-9	4,4-DDE	23.2		1	0.17	2.00	ug/kg	12/11/25 17:12	PB170899
72-20-8	Endrin	22.0		1	0.17	2.00	ug/kg	12/11/25 17:12	PB170899
33213-65-9	Endosulfan II	23.2		1	0.35	2.00	ug/kg	12/11/25 17:12	PB170899
72-54-8	4,4-DDD	22.5		1	0.18	2.00	ug/kg	12/11/25 17:12	PB170899
1031-07-8	Endosulfan Sulfate	23.2		1	0.16	2.00	ug/kg	12/11/25 17:12	PB170899
50-29-3	4,4-DDT	23.3		1	0.17	2.00	ug/kg	12/11/25 17:12	PB170899
72-43-5	Methoxychlor	23.1		1	0.44	2.00	ug/kg	12/11/25 17:12	PB170899
53494-70-5	Endrin ketone	24.1		1	0.23	2.00	ug/kg	12/11/25 17:12	PB170899
7421-93-4	Endrin aldehyde	23.2		1	0.44	2.00	ug/kg	12/11/25 17:12	PB170899
5103-71-9	alpha-Chlordane	23.5		1	0.14	2.00	ug/kg	12/11/25 17:12	PB170899
5103-74-2	gamma-Chlordane	24.6		1	0.18	2.00	ug/kg	12/11/25 17:12	PB170899
8001-35-2	Toxaphene	6.50	U	1	6.50	39.4	ug/kg	12/11/25 17:12	PB170899
SURROGATES									
2051-24-3	Decachlorobiphenyl	12.9			10 - 143	64%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	19.3			10 - 131	97%	SPK: 20		

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