

Report of Analysis

Client:	Roman E&G Corp		Date Collected:	10/10/24	
Project:	Perth Amboy		Date Received:	10/10/24	
Client Sample ID:	SP-2MSD		SDG No.:	P4258	
Lab Sample ID:	P4385-04MSD		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	95	Decanted:
Sample Wt/Vol:	30.06	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
PL092337.D	1	10/11/24 09:00	10/11/24 14:44	PB164067

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	15.5		0.19	1.80	ug/kg
319-85-7	beta-BHC	15.8		0.51	1.80	ug/kg
319-86-8	delta-BHC	14.6		0.49	1.80	ug/kg
58-89-9	gamma-BHC (Lindane)	15.1		0.20	1.80	ug/kg
76-44-8	Heptachlor	15.9		0.18	1.80	ug/kg
309-00-2	Aldrin	15.2		0.15	1.80	ug/kg
1024-57-3	Heptachlor epoxide	15.5		0.24	1.80	ug/kg
959-98-8	Endosulfan I	15.5		0.18	1.80	ug/kg
60-57-1	Dieldrin	16.6		0.16	1.80	ug/kg
72-55-9	4,4-DDE	43.3	E	0.14	1.80	ug/kg
72-20-8	Endrin	16.8		0.17	1.80	ug/kg
33213-65-9	Endosulfan II	16.0		0.32	1.80	ug/kg
72-54-8	4,4-DDD	18.9		0.20	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	16.1		0.14	1.80	ug/kg
50-29-3	4,4-DDT	39.7	E	0.18	1.80	ug/kg
72-43-5	Methoxychlor	16.2		0.40	1.80	ug/kg
53494-70-5	Endrin ketone	22.6	P	0.23	1.80	ug/kg
7421-93-4	Endrin aldehyde	16.2		0.41	1.80	ug/kg
5103-71-9	alpha-Chlordane	15.9		0.18	1.80	ug/kg
5103-74-2	gamma-Chlordane	16.2		0.20	1.80	ug/kg
8001-35-2	Toxaphene	5.50	U	5.50	34.7	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	16.8		10 - 148	84%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.6		10 - 159	83%	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