

Report of Analysis

Client:	CDM Smith	Date Collected:	05/13/25
Project:	South River WM Replacement	Date Received:	05/13/25
Client Sample ID:	TP-11	SDG No.:	Q2032
Lab Sample ID:	Q2032-01	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	76.3
Sample Wt/Vol:	30.05	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
PL095721.D	1	05/16/25 09:25	05/16/25 13:51	PB168040

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.17	U	0.17	2.20	ug/kg
319-85-7	beta-BHC	0.24	U	0.24	2.20	ug/kg
319-86-8	delta-BHC	0.51	U	0.51	2.20	ug/kg
58-89-9	gamma-BHC (Lindane)	0.18	U	0.18	2.20	ug/kg
76-44-8	Heptachlor	0.16	U	0.16	2.20	ug/kg
309-00-2	Aldrin	0.16	U	0.16	2.20	ug/kg
1024-57-3	Heptachlor epoxide	0.25	U	0.25	2.20	ug/kg
959-98-8	Endosulfan I	0.18	U	0.18	2.20	ug/kg
60-57-1	Dieldrin	0.18	U	0.18	2.20	ug/kg
72-55-9	4,4-DDE	0.18	U	0.18	2.20	ug/kg
72-20-8	Endrin	0.18	U	0.18	2.20	ug/kg
33213-65-9	Endosulfan II	0.38	U	0.38	2.20	ug/kg
72-54-8	4,4-DDD	0.20	U	0.20	2.20	ug/kg
1031-07-8	Endosulfan Sulfate	0.17	U	0.17	2.20	ug/kg
50-29-3	4,4-DDT	0.18	U	0.18	2.20	ug/kg
72-43-5	Methoxychlor	0.48	U	0.48	2.20	ug/kg
53494-70-5	Endrin ketone	0.25	U	0.25	2.20	ug/kg
7421-93-4	Endrin aldehyde	0.48	U	0.48	2.20	ug/kg
5103-71-9	alpha-Chlordane	0.16	U	0.16	2.20	ug/kg
5103-74-2	gamma-Chlordane	0.20	U	0.20	2.20	ug/kg
8001-35-2	Toxaphene	7.10	U	7.10	43.2	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	11.3		20 - 144	56%	SPK: 20
877-09-8	Tetrachloro-m-xylene	13.8		19 - 148	69%	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