

Report of Analysis

Client:	CDM Smith	Date Collected:	05/29/25
Project:	South River WM Replacement	Date Received:	05/30/25
Client Sample ID:	TP-25MSD	SDG No.:	Q2176
Lab Sample ID:	Q2176-03MSD	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	85.7
Sample Wt/Vol:	30.08	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
PL095889.D	1	06/03/25 09:30	06/03/25 15:09	PB168253

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	18.0		0.15	2.00	ug/kg
319-85-7	beta-BHC	17.3		0.21	2.00	ug/kg
319-86-8	delta-BHC	17.6		0.45	2.00	ug/kg
58-89-9	gamma-BHC (Lindane)	17.8		0.16	2.00	ug/kg
76-44-8	Heptachlor	17.1		0.14	2.00	ug/kg
309-00-2	Aldrin	17.8		0.14	2.00	ug/kg
1024-57-3	Heptachlor epoxide	17.7		0.22	2.00	ug/kg
959-98-8	Endosulfan I	17.3		0.16	2.00	ug/kg
60-57-1	Dieldrin	17.6		0.16	2.00	ug/kg
72-55-9	4,4-DDE	17.0		0.16	2.00	ug/kg
72-20-8	Endrin	16.7		0.16	2.00	ug/kg
33213-65-9	Endosulfan II	17.0		0.34	2.00	ug/kg
72-54-8	4,4-DDD	17.7		0.17	2.00	ug/kg
1031-07-8	Endosulfan Sulfate	16.8		0.15	2.00	ug/kg
50-29-3	4,4-DDT	16.3		0.16	2.00	ug/kg
72-43-5	Methoxychlor	16.2		0.43	2.00	ug/kg
53494-70-5	Endrin ketone	17.4		0.22	2.00	ug/kg
7421-93-4	Endrin aldehyde	17.0		0.43	2.00	ug/kg
5103-71-9	alpha-Chlordane	17.4		0.14	2.00	ug/kg
5103-74-2	gamma-Chlordane	17.6		0.17	2.00	ug/kg
8001-35-2	Toxaphene	6.30	U	6.30	38.4	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	11.5		20 - 144	57%	SPK: 20
877-09-8	Tetrachloro-m-xylene	15.4		19 - 148	77%	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