

Report of Analysis

Client:	CDM Smith	Date Collected:	06/24/25
Project:	South River WM Replacement	Date Received:	06/25/25
Client Sample ID:	COMP-3MSD	SDG No.:	Q2413
Lab Sample ID:	Q2425-03MSD	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	82.6
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089199.D	1	06/26/25 08:20	06/27/25 20:35	PB168623

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	17.8		0.16	2.10	ug/kg
319-85-7	beta-BHC	18.1		0.22	2.10	ug/kg
319-86-8	delta-BHC	16.7		0.47	2.10	ug/kg
58-89-9	gamma-BHC (Lindane)	17.2		0.17	2.10	ug/kg
76-44-8	Heptachlor	13.9		0.15	2.10	ug/kg
309-00-2	Aldrin	18.3		0.15	2.10	ug/kg
1024-57-3	Heptachlor epoxide	18.0		0.23	2.10	ug/kg
959-98-8	Endosulfan I	17.7		0.17	2.10	ug/kg
60-57-1	Dieldrin	17.9		0.17	2.10	ug/kg
72-55-9	4,4-DDE	18.4		0.17	2.10	ug/kg
72-20-8	Endrin	16.7		0.17	2.10	ug/kg
33213-65-9	Endosulfan II	17.5		0.35	2.10	ug/kg
72-54-8	4,4-DDD	17.7		0.18	2.10	ug/kg
1031-07-8	Endosulfan Sulfate	15.0		0.16	2.10	ug/kg
50-29-3	4,4-DDT	12.9		0.17	2.10	ug/kg
72-43-5	Methoxychlor	10.4		0.45	2.10	ug/kg
53494-70-5	Endrin ketone	15.5		0.23	2.10	ug/kg
7421-93-4	Endrin aldehyde	13.7		0.45	2.10	ug/kg
5103-71-9	alpha-Chlordane	17.9		0.15	2.10	ug/kg
5103-74-2	gamma-Chlordane	18.7		0.18	2.10	ug/kg
8001-35-2	Toxaphene	6.50	U	6.50	39.9	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	16.8		20 - 144	84%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.4		19 - 148	92%	SPK: 20

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Lab Sample ID:	Q2425-03MSD		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	82.6	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
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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