

Report of Analysis

Client:	CDM Smith	Date Collected:	05/06/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-1MSD	SDG No.:	Q1982
Lab Sample ID:	Q1982-01MSD	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	80.9
Sample Wt/Vol:	30.04	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
PD088487.D	1	05/12/25 09:05	05/12/25 20:16	PB167950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	21.4		0.16	2.10	ug/kg
319-85-7	beta-BHC	20.8		0.22	2.10	ug/kg
319-86-8	delta-BHC	22.8		0.48	2.10	ug/kg
58-89-9	gamma-BHC (Lindane)	21.4		0.17	2.10	ug/kg
76-44-8	Heptachlor	22.2		0.15	2.10	ug/kg
309-00-2	Aldrin	22.0		0.15	2.10	ug/kg
1024-57-3	Heptachlor epoxide	21.9		0.23	2.10	ug/kg
959-98-8	Endosulfan I	22.0		0.17	2.10	ug/kg
60-57-1	Dieldrin	22.2		0.17	2.10	ug/kg
72-55-9	4,4-DDE	21.4		0.17	2.10	ug/kg
72-20-8	Endrin	22.0		0.17	2.10	ug/kg
33213-65-9	Endosulfan II	21.2		0.36	2.10	ug/kg
72-54-8	4,4-DDD	22.1		0.19	2.10	ug/kg
1031-07-8	Endosulfan Sulfate	21.5		0.16	2.10	ug/kg
50-29-3	4,4-DDT	22.4		0.17	2.10	ug/kg
72-43-5	Methoxychlor	21.5		0.46	2.10	ug/kg
53494-70-5	Endrin ketone	21.7		0.23	2.10	ug/kg
7421-93-4	Endrin aldehyde	21.3		0.46	2.10	ug/kg
5103-71-9	alpha-Chlordane	21.8		0.15	2.10	ug/kg
5103-74-2	gamma-Chlordane	21.5		0.19	2.10	ug/kg
8001-35-2	Toxaphene	6.70	U	6.70	40.7	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.0		20 - 144	100%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.5		19 - 148	97%	SPK: 20

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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