284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith	Date Collected:	05/07/25
Project:	South River WM Replacement	Date Received:	05/08/25
Client Sample ID:	OU4-PCS-TC-33-050725MSD	SDG No.:	Q1982
Lab Sample ID:	Q1984-01MSD	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	95.1 Decanted:
Sample Wt/Vol:	30.05 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
PD088560.D	1	05/13/25 08:30	05/15/25 13:05	PB167959

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	19.9		0.14	1.80	ug/kg
319-85-7	beta-BHC	19.5		0.19	1.80	ug/kg
319-86-8	delta-BHC	20.0		0.41	1.80	ug/kg
58-89-9	gamma-BHC (Lindane)	20.3		0.15	1.80	ug/kg
76-44-8	Heptachlor	20.7		0.13	1.80	ug/kg
309-00-2	Aldrin	20.4		0.13	1.80	ug/kg
1024-57-3	Heptachlor epoxide	19.8		0.20	1.80	ug/kg
959-98-8	Endosulfan I	20.0		0.15	1.80	ug/kg
60-57-1	Dieldrin	20.2		0.15	1.80	ug/kg
72-55-9	4,4-DDE	19.4		0.15	1.80	ug/kg
72-20-8	Endrin	19.8		0.15	1.80	ug/kg
33213-65-9	Endosulfan II	19.2		0.30	1.80	ug/kg
72-54-8	4,4-DDD	20.3		0.16	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	19.4		0.14	1.80	ug/kg
50-29-3	4,4-DDT	19.4		0.15	1.80	ug/kg
72-43-5	Methoxychlor	18.8		0.39	1.80	ug/kg
53494-70-5	Endrin ketone	19.7		0.20	1.80	ug/kg
7421-93-4	Endrin aldehyde	19.6		0.39	1.80	ug/kg
5103-71-9	alpha-Chlordane	19.9		0.13	1.80	ug/kg
5103-74-2	gamma-Chlordane	19.8		0.16	1.80	ug/kg
8001-35-2	Toxaphene	5.70	U	5.70	34.6	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.2		20 - 144	106%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.4		19 - 148	107%	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