

Report of Analysis

Client:	CDM Smith	Date Collected:	07/09/25
Project:	South River WM Replacement	Date Received:	07/09/25
Client Sample ID:	TR-04-07092025MS	SDG No.:	Q2543
Lab Sample ID:	Q2537-01MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	90.5
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073703.D	1	07/10/25 08:35	07/10/25 14:28	PB168783

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	130		4.40	18.8	ug/kg
11104-28-2	Aroclor-1221	4.50	U	4.50	18.8	ug/kg
11141-16-5	Aroclor-1232	4.10	U	4.10	18.8	ug/kg
53469-21-9	Aroclor-1242	4.40	U	4.40	18.8	ug/kg
12672-29-6	Aroclor-1248	6.50	U	6.50	18.8	ug/kg
11097-69-1	Aroclor-1254	67.8		3.50	18.8	ug/kg
37324-23-5	Aroclor-1262	5.50	U	5.50	18.8	ug/kg
11100-14-4	Aroclor-1268	4.00	U	4.00	18.8	ug/kg
11096-82-5	Aroclor-1260	118		3.60	18.8	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.3		32 - 144	76%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.3		32 - 175	81%	SPK: 20

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