

Report of Analysis

Client:	CDM Smith	Date Collected:	05/08/25
Project:	South River WM Replacement	Date Received:	05/09/25
Client Sample ID:	TP-17	SDG No.:	Q2010
Lab Sample ID:	Q2010-04	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	77.4
Sample Wt/Vol:	30.02	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
PP072043.D	1	05/14/25 09:00	05/14/25 15:01	PB167997

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	5.10	U	5.10	21.9	ug/kg
11104-28-2	Aroclor-1221	5.20	U	5.20	21.9	ug/kg
11141-16-5	Aroclor-1232	4.80	U	4.80	21.9	ug/kg
53469-21-9	Aroclor-1242	5.20	U	5.20	21.9	ug/kg
12672-29-6	Aroclor-1248	7.60	U	7.60	21.9	ug/kg
11097-69-1	Aroclor-1254	4.10	U	4.10	21.9	ug/kg
37324-23-5	Aroclor-1262	6.50	U	6.50	21.9	ug/kg
11100-14-4	Aroclor-1268	4.60	U	4.60	21.9	ug/kg
11096-82-5	Aroclor-1260	4.20	U	4.20	21.9	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.4		32 - 144	107%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.7		32 - 175	94%	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