

Report of Analysis

Client:	CDM Smith		Date Collected:	05/15/25	
Project:	South River WM Replacement		Date Received:	05/16/25	
Client Sample ID:	TP-38		SDG No.:	Q2074	
Lab Sample ID:	Q2074-05		Matrix:	SOIL	
Analytical Method:	8151A		% Solid:	81.9	Decanted:
Sample Wt/Vol:	30.06	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Herbicide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030364.D	1	05/21/25 08:30	05/22/25 22:53	PB168097

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	9.40	U	9.40	81.6	ug/Kg
120-36-5	DICHLORPROP	15.6	U	15.6	81.6	ug/Kg
94-75-7	2,4-D	11.0	U	11.0	81.6	ug/Kg
93-72-1	2,4,5-TP (Silvex)	11.0	U	11.0	81.6	ug/Kg
93-76-5	2,4,5-T	10.6	U	10.6	81.6	ug/Kg
94-82-6	2,4-DB	29.5	U	29.5	81.6	ug/Kg
88-85-7	DINOSEB	13.2	U	13.2	81.6	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	374		10 - 141	75%	SPK: 500

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