

Report of Analysis

Client:	CDM Smith	Date Collected:	07/08/25
Project:	South River WM Replacement	Date Received:	07/09/25
Client Sample ID:	TP-41	SDG No.:	Q2543
Lab Sample ID:	Q2543-01	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	82
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	8151A	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031147.D	1	07/11/25 08:50	07/18/25 22:34	PB168811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	9.40	U	9.40	81.5	ug/Kg
120-36-5	DICHLORPROP	15.6	U	15.6	81.5	ug/Kg
94-75-7	2,4-D	11.0	U	11.0	81.5	ug/Kg
93-72-1	2,4,5-TP (Silvex)	11.0	U	11.0	81.5	ug/Kg
93-76-5	2,4,5-T	10.6	U	10.6	81.5	ug/Kg
94-82-6	2,4-DB	29.4	U	29.4	81.5	ug/Kg
88-85-7	DINOSEB	13.1	U	13.1	81.5	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	449		10 - 141	90%	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