

Report of Analysis

Client:	CDM Smith	Date Collected:	05/20/25
Project:	South River WM Replacement	Date Received:	05/20/25
Client Sample ID:	TP-45	SDG No.:	Q2100
Lab Sample ID:	Q2100-04	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	76.2
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	Injection Volume :	
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030405.D	1	05/23/25 08:25	05/24/25 02:53	PB168137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	10.2	U	10.2	87.8	ug/Kg
120-36-5	DICHLORPROP	16.8	U	16.8	87.8	ug/Kg
94-75-7	2,4-D	11.9	U	11.9	87.8	ug/Kg
93-72-1	2,4,5-TP (Silvex)	11.9	U	11.9	87.8	ug/Kg
93-76-5	2,4,5-T	11.4	U	11.4	87.8	ug/Kg
94-82-6	2,4-DB	31.7	U	31.7	87.8	ug/Kg
88-85-7	DINOSEB	14.2	U	14.2	87.8	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	280		10 - 141	56%	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