

Report of Analysis

Client:	CDM Smith	Date Collected:	05/27/25
Project:	South River WM Replacement	Date Received:	05/28/25
Client Sample ID:	TP-44	SDG No.:	Q2150
Lab Sample ID:	Q2150-01	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	78.9 Decanted:
Sample Wt/Vol:	30.02 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
PS030460.D	1	05/30/25 08:20	06/02/25 19:46	PB168207

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	9.80	U	9.80	84.9	ug/Kg
120-36-5	DICHLORPROP	16.2	U	16.2	84.9	ug/Kg
94-75-7	2,4-D	11.4	U	11.4	84.9	ug/Kg
93-72-1	2,4,5-TP (Silvex)	11.5	U	11.5	84.9	ug/Kg
93-76-5	2,4,5-T	11.0	U	11.0	84.9	ug/Kg
94-82-6	2,4-DB	30.7	U	30.7	84.9	ug/Kg
88-85-7	DINOSEB	13.7	U	13.7	84.9	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	173		10 - 141	35%	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