

### Report of Analysis

Client:	CDM Smith	Date Collected:	05/07/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-9MSD	SDG No.:	Q1982
Lab Sample ID:	Q1982-08MSD	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	81.3      Decanted:
Sample Wt/Vol:	30.08      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
PS030238.D	1	05/14/25 08:30	05/15/25 16:54	PB167996

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
1918-00-9	DICAMBA	180		9.50	82.2	ug/Kg
120-36-5	DICHLORPROP	198		15.7	82.2	ug/Kg
94-75-7	2,4-D	207		11.1	82.2	ug/Kg
93-72-1	2,4,5-TP (Silvex)	196		11.1	82.2	ug/Kg
93-76-5	2,4,5-T	189		10.7	82.2	ug/Kg
94-82-6	2,4-DB	187	P	29.7	82.2	ug/Kg
88-85-7	DINOSEB	14.0	J	13.2	82.2	ug/Kg
<b>SURROGATES</b>						
19719-28-9	2,4-DCAA	529		10 - 141	106%	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