

## 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-21MSD	SDG No.:	Q2100
Lab Sample ID:	Q2100-03MSD	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	78.2
Sample Wt/Vol:	30.08	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
PS030430.D	1	05/23/25 08:25	05/29/25 14:44	PB168137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
1918-00-9	DICAMBA	121		9.90	85.4	ug/Kg
120-36-5	DICHLORPROP	128		16.3	85.4	ug/Kg
94-75-7	2,4-D	146		11.5	85.4	ug/Kg
93-72-1	2,4,5-TP (Silvex)	129		11.6	85.4	ug/Kg
93-76-5	2,4,5-T	127		11.1	85.4	ug/Kg
94-82-6	2,4-DB	158		30.9	85.4	ug/Kg
88-85-7	DINOSEB	20.6	J	13.8	85.4	ug/Kg
<b>SURROGATES</b>						
19719-28-9	2,4-DCAA	293		10 - 141	59%	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