

## Report of Analysis

Client:	CDM Smith		Date Collected:	05/28/25	
Project:	South River WM Replacement		Date Received:	05/30/25	
Client Sample ID:	TP-46		SDG No.:	Q2176	
Lab Sample ID:	Q2176-01		Matrix:	SOIL	
Analytical Method:	8151A		% Solid:	83.7	Decanted:
Sample Wt/Vol:	30.04	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
PS030517.D	1	06/03/25 09:00	06/05/25 05:17	PB168254

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
1918-00-9	DICAMBA	9.20	U	9.20	79.9	ug/Kg
120-36-5	DICHLORPROP	15.3	U	15.3	79.9	ug/Kg
94-75-7	2,4-D	10.8	U	10.8	79.9	ug/Kg
93-72-1	2,4,5-TP (Silvex)	10.8	U	10.8	79.9	ug/Kg
93-76-5	2,4,5-T	10.4	U	10.4	79.9	ug/Kg
94-82-6	2,4-DB	28.9	U	28.9	79.9	ug/Kg
88-85-7	DINOSEB	12.9	U	12.9	79.9	ug/Kg
<b>SURROGATES</b>						
19719-28-9	2,4-DCAA	339		10 - 141	68%	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