

## 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-21	SDG No.:	Q2100
Lab Sample ID:	Q2100-03	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	78.2
Sample Wt/Vol:	30.06	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
PS030400.D	1	05/23/25 08:25	05/24/25 00:29	PB168137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
1918-00-9	DICAMBA	9.90	U	9.90	85.5	ug/Kg
120-36-5	DICHLORPROP	16.3	U	16.3	85.5	ug/Kg
94-75-7	2,4-D	11.5	U	11.5	85.5	ug/Kg
93-72-1	2,4,5-TP (Silvex)	11.6	U	11.6	85.5	ug/Kg
93-76-5	2,4,5-T	11.1	U	11.1	85.5	ug/Kg
94-82-6	2,4-DB	30.9	U	30.9	85.5	ug/Kg
88-85-7	DINOSEB	13.8	U	13.8	85.5	ug/Kg
<b>SURROGATES</b>						
19719-28-9	2,4-DCAA	252		10 - 141	50%	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