

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-21MS	SDG No.:	Q2100
Lab Sample ID:	Q2100-03MS	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	78.2
Sample Wt/Vol:	30.01	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
PS030429.D	1	05/23/25 08:25	05/29/25 14:19	PB168137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	117		9.90	85.6	ug/Kg
120-36-5	DICHLORPROP	123		16.4	85.6	ug/Kg
94-75-7	2,4-D	154		11.6	85.6	ug/Kg
93-72-1	2,4,5-TP (Silvex)	123		11.6	85.6	ug/Kg
93-76-5	2,4,5-T	122		11.1	85.6	ug/Kg
94-82-6	2,4-DB	156		30.9	85.6	ug/Kg
88-85-7	DINOSEB	20.6	J	13.8	85.6	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	282		10 - 141	56%	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