

### Report of Analysis

Client:	CDM Smith	Date Collected:	05/13/25			
Project:	South River WM Replacement	Date Received:	05/13/25			
Client Sample ID:	FB-05132025	SDG No.:	Q2032			
Lab Sample ID:	Q2032-11	Matrix:	WATER			
Analytical Method:	8151A	% Solid:	0	Decanted:		
Sample Wt/Vol:	970	Units:	mL	Final Vol:	10000	uL
Soil Aliquot Vol:			uL	Test:	Herbicide	
Extraction Type:				Injection Volume :		
GPC Factor :	1.0	PH :				
Prep Method :	SW3510C					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030212.D	1	05/14/25 09:05	05/15/25 05:02	PB168003

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
<b>TARGETS</b>						
1918-00-9	DICAMBA	0.67	U	0.67	2.10	ug/L
120-36-5	DICHLORPROP	0.78	U	0.78	2.10	ug/L
94-75-7	2,4-D	0.95	U	0.95	2.10	ug/L
93-72-1	2,4,5-TP (Silvex)	0.80	U	0.80	2.10	ug/L
93-76-5	2,4,5-T	0.73	U	0.73	2.10	ug/L
94-82-6	2,4-DB	0.67	U	0.67	2.10	ug/L
88-85-7	DINOSEB	0.92	U	0.92	2.10	ug/L
<b>SURROGATES</b>						
19719-28-9	2,4-DCAA	445		39 - 175	89%	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