

Report of Analysis

Client:	CDM Smith	Date Collected:	05/29/25
Project:	South River WM Replacement	Date Received:	05/30/25
Client Sample ID:	TP-26	SDG No.:	Q2176
Lab Sample ID:	Q2176-04	Matrix:	SOIL
Level (low/med):	low	% Solid:	85.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5980	*	1	0.80	4.73	mg/Kg	06/02/25 13:05	06/10/25 20:55	6010D	SW3050
7440-36-0	Antimony	0.23	JN	1	0.21	2.37	mg/Kg	06/02/25 13:05	06/10/25 20:55	6010D	SW3050
7440-38-2	Arsenic	3.50		1	0.18	0.95	mg/Kg	06/02/25 13:05	06/10/25 20:55	6010D	SW3050
7440-39-3	Barium	44.3	N*	1	0.69	4.73	mg/Kg	06/02/25 13:05	06/10/25 20:55	6010D	SW3050
7440-41-7	Beryllium	0.40		1	0.024	0.28	mg/Kg	06/02/25 13:05	06/10/25 20:55	6010D	SW3050
7440-43-9	Cadmium	0.86		1	0.023	0.28	mg/Kg	06/02/25 13:05	06/10/25 20:55	6010D	SW3050
7440-70-2	Calcium	29300	*	1	10.5	94.7	mg/Kg	06/02/25 13:05	06/10/25 20:55	6010D	SW3050
7440-47-3	Chromium	12.8		1	0.044	0.47	mg/Kg	06/02/25 13:05	06/10/25 20:55	6010D	SW3050
7440-48-4	Cobalt	6.69		1	0.095	1.42	mg/Kg	06/02/25 13:05	06/10/25 20:55	6010D	SW3050
7440-50-8	Copper	29.9		1	0.21	0.95	mg/Kg	06/02/25 13:05	06/10/25 20:55	6010D	SW3050
7439-89-6	Iron	10800	*	1	3.78	4.73	mg/Kg	06/02/25 13:05	06/10/25 20:55	6010D	SW3050
7439-92-1	Lead	54.0		1	0.12	0.57	mg/Kg	06/02/25 13:05	06/10/25 20:55	6010D	SW3050
7439-95-4	Magnesium	5500	*	1	11.4	94.7	mg/Kg	06/02/25 13:05	06/10/25 20:55	6010D	SW3050
7439-96-5	Manganese	174		1	0.13	0.95	mg/Kg	06/02/25 13:05	06/10/25 20:55	6010D	SW3050
7439-97-6	Mercury	0.063		1	0.0080	0.015	mg/Kg	06/02/25 08:35	06/03/25 14:07	7471B	
7440-02-0	Nickel	15.5		1	0.12	1.89	mg/Kg	06/02/25 13:05	06/10/25 20:55	6010D	SW3050
7440-09-7	Potassium	754	*	1	26.2	94.7	mg/Kg	06/02/25 13:05	06/10/25 20:55	6010D	SW3050
7782-49-2	Selenium	0.25	U	1	0.25	0.95	mg/Kg	06/02/25 13:05	06/10/25 20:55	6010D	SW3050
7440-22-4	Silver	0.11	U	1	0.11	0.47	mg/Kg	06/02/25 13:05	06/10/25 20:55	6010D	SW3050
7440-23-5	Sodium	352	N*	1	16.8	94.7	mg/Kg	06/02/25 13:05	06/10/25 20:55	6010D	SW3050
7440-28-0	Thallium	0.22	U	1	0.22	1.89	mg/Kg	06/02/25 13:05	06/10/25 20:55	6010D	SW3050
7440-62-2	Vanadium	24.6		1	0.24	1.89	mg/Kg	06/02/25 13:05	06/10/25 20:55	6010D	SW3050
7440-66-6	Zinc	56.2	N	1	0.22	1.89	mg/Kg	06/02/25 13:05	06/10/25 20:55	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	METALS-TAL			

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 * = indicates the duplicate analysis is not within control limits.
 E = Indicates the reported value is estimated because of the presence of interference.
 OR = Over Range
 N = Spiked sample recovery not within control limits