

Report of Analysis

Client:	CDM Smith	Date Collected:	06/26/25
Project:	South River WM Replacement	Date Received:	06/27/25
Client Sample ID:	TP-55	SDG No.:	Q2458
Lab Sample ID:	Q2458-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	91.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5480		1	0.74	4.43	mg/Kg	07/01/25 10:10	07/03/25 15:12	6010D	SW3050
7440-36-0	Antimony	0.20	UN	1	0.20	2.21	mg/Kg	07/01/25 10:10	07/03/25 15:12	6010D	SW3050
7440-38-2	Arsenic	3.37		1	0.17	0.89	mg/Kg	07/01/25 10:10	07/03/25 15:12	6010D	SW3050
7440-39-3	Barium	19.8		1	0.65	4.43	mg/Kg	07/01/25 10:10	07/03/25 15:12	6010D	SW3050
7440-41-7	Beryllium	0.46		1	0.022	0.27	mg/Kg	07/01/25 10:10	07/03/25 15:12	6010D	SW3050
7440-43-9	Cadmium	0.021	U	1	0.021	0.27	mg/Kg	07/01/25 10:10	07/03/25 15:12	6010D	SW3050
7440-70-2	Calcium	999		1	9.83	88.6	mg/Kg	07/01/25 10:10	07/03/25 15:12	6010D	SW3050
7440-47-3	Chromium	8.61		1	0.042	0.44	mg/Kg	07/01/25 10:10	07/03/25 15:12	6010D	SW3050
7440-48-4	Cobalt	4.17		1	0.089	1.33	mg/Kg	07/01/25 10:10	07/03/25 15:12	6010D	SW3050
7440-50-8	Copper	22.1	N*	1	0.20	0.89	mg/Kg	07/01/25 10:10	07/03/25 15:12	6010D	SW3050
7439-89-6	Iron	15800		1	3.53	4.43	mg/Kg	07/01/25 10:10	07/03/25 15:12	6010D	SW3050
7439-92-1	Lead	9.31		1	0.12	0.53	mg/Kg	07/01/25 10:10	07/03/25 15:12	6010D	SW3050
7439-95-4	Magnesium	731		1	10.6	88.6	mg/Kg	07/01/25 10:10	07/03/25 15:12	6010D	SW3050
7439-96-5	Manganese	51.6		1	0.12	0.89	mg/Kg	07/01/25 10:10	07/03/25 15:12	6010D	SW3050
7439-97-6	Mercury	0.0080	J	1	0.0080	0.014	mg/Kg	07/01/25 14:10	07/02/25 11:25	7471B	
7440-02-0	Nickel	6.64		1	0.12	1.77	mg/Kg	07/01/25 10:10	07/03/25 15:12	6010D	SW3050
7440-09-7	Potassium	270	N	1	24.5	88.6	mg/Kg	07/01/25 10:10	07/03/25 15:12	6010D	SW3050
7782-49-2	Selenium	3.83		1	0.23	0.89	mg/Kg	07/01/25 10:10	07/03/25 15:12	6010D	SW3050
7440-22-4	Silver	0.47		1	0.11	0.44	mg/Kg	07/01/25 10:10	07/03/25 15:12	6010D	SW3050
7440-23-5	Sodium	358		1	15.8	88.6	mg/Kg	07/01/25 10:10	07/03/25 15:12	6010D	SW3050
7440-28-0	Thallium	0.20	U	1	0.20	1.77	mg/Kg	07/01/25 10:10	07/03/25 15:12	6010D	SW3050
7440-62-2	Vanadium	20.8	N	1	0.22	1.77	mg/Kg	07/01/25 10:10	07/03/25 15:12	6010D	SW3050
7440-66-6	Zinc	32.0	N	1	0.20	1.77	mg/Kg	07/01/25 10:10	07/03/25 15:12	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