

Report of Analysis

Client:	CDM Smith	Date Collected:	06/27/25
Project:	South River WM Replacement	Date Received:	06/27/25
Client Sample ID:	TP-68	SDG No.:	Q2458
Lab Sample ID:	Q2458-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	92.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4030		1	0.83	4.92	mg/Kg	07/01/25 10:10	07/03/25 16:34	6010D	SW3050
7440-36-0	Antimony	0.22	UN	1	0.22	2.46	mg/Kg	07/01/25 10:10	07/03/25 16:34	6010D	SW3050
7440-38-2	Arsenic	1.61		1	0.19	0.99	mg/Kg	07/01/25 10:10	07/03/25 16:34	6010D	SW3050
7440-39-3	Barium	7.39		1	0.72	4.92	mg/Kg	07/01/25 10:10	07/03/25 16:34	6010D	SW3050
7440-41-7	Beryllium	0.13	J	1	0.025	0.30	mg/Kg	07/01/25 10:10	07/03/25 16:34	6010D	SW3050
7440-43-9	Cadmium	0.024	U	1	0.024	0.30	mg/Kg	07/01/25 10:10	07/03/25 16:34	6010D	SW3050
7440-70-2	Calcium	1990		1	10.9	98.5	mg/Kg	07/01/25 10:10	07/03/25 16:34	6010D	SW3050
7440-47-3	Chromium	9.01		1	0.046	0.49	mg/Kg	07/01/25 10:10	07/03/25 16:34	6010D	SW3050
7440-48-4	Cobalt	4.51		1	0.098	1.48	mg/Kg	07/01/25 10:10	07/03/25 16:34	6010D	SW3050
7440-50-8	Copper	45.1	N*	1	0.22	0.99	mg/Kg	07/01/25 10:10	07/03/25 16:34	6010D	SW3050
7439-89-6	Iron	9290		1	3.93	4.92	mg/Kg	07/01/25 10:10	07/03/25 16:34	6010D	SW3050
7439-92-1	Lead	5.32		1	0.13	0.59	mg/Kg	07/01/25 10:10	07/03/25 16:34	6010D	SW3050
7439-95-4	Magnesium	2200		1	11.8	98.5	mg/Kg	07/01/25 10:10	07/03/25 16:34	6010D	SW3050
7439-96-5	Manganese	65.0		1	0.14	0.99	mg/Kg	07/01/25 10:10	07/03/25 16:34	6010D	SW3050
7439-97-6	Mercury	0.050		1	0.0070	0.013	mg/Kg	07/01/25 14:10	07/02/25 11:42	7471B	
7440-02-0	Nickel	9.84		1	0.13	1.97	mg/Kg	07/01/25 10:10	07/03/25 16:34	6010D	SW3050
7440-09-7	Potassium	521	N	1	27.3	98.5	mg/Kg	07/01/25 10:10	07/03/25 16:34	6010D	SW3050
7782-49-2	Selenium	2.38		1	0.26	0.99	mg/Kg	07/01/25 10:10	07/03/25 16:34	6010D	SW3050
7440-22-4	Silver	0.37	J	1	0.12	0.49	mg/Kg	07/01/25 10:10	07/03/25 16:34	6010D	SW3050
7440-23-5	Sodium	582		1	17.5	98.5	mg/Kg	07/01/25 10:10	07/03/25 16:34	6010D	SW3050
7440-28-0	Thallium	0.23	U	1	0.23	1.97	mg/Kg	07/01/25 10:10	07/03/25 16:34	6010D	SW3050
7440-62-2	Vanadium	20.1	N	1	0.25	1.97	mg/Kg	07/01/25 10:10	07/03/25 16:34	6010D	SW3050
7440-66-6	Zinc	12.9	N	1	0.23	1.97	mg/Kg	07/01/25 10:10	07/03/25 16:34	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