

Report of Analysis

Client:	CDM Smith	Date Collected:	07/01/25
Project:	South River WM Replacement	Date Received:	07/01/25
Client Sample ID:	TP-64	SDG No.:	Q2484
Lab Sample ID:	Q2484-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	88.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5760		1	0.82	4.88	mg/Kg	07/03/25 10:30	07/09/25 17:23	6010D	SW3050
7440-36-0	Antimony	1.71	JN	1	0.22	2.44	mg/Kg	07/03/25 10:30	07/09/25 17:23	6010D	SW3050
7440-38-2	Arsenic	5.52		1	0.19	0.98	mg/Kg	07/03/25 10:30	07/09/25 17:23	6010D	SW3050
7440-39-3	Barium	19.8		1	0.71	4.88	mg/Kg	07/03/25 10:30	07/09/25 17:23	6010D	SW3050
7440-41-7	Beryllium	0.56		1	0.024	0.29	mg/Kg	07/03/25 10:30	07/09/25 17:23	6010D	SW3050
7440-43-9	Cadmium	0.023	U	1	0.023	0.29	mg/Kg	07/03/25 10:30	07/09/25 17:23	6010D	SW3050
7440-70-2	Calcium	14000	*	1	10.8	97.5	mg/Kg	07/03/25 10:30	07/09/25 17:23	6010D	SW3050
7440-47-3	Chromium	12.0		1	0.046	0.49	mg/Kg	07/03/25 10:30	07/09/25 17:23	6010D	SW3050
7440-48-4	Cobalt	4.88		1	0.098	1.46	mg/Kg	07/03/25 10:30	07/09/25 17:23	6010D	SW3050
7440-50-8	Copper	16.7		1	0.22	0.98	mg/Kg	07/03/25 10:30	07/09/25 17:23	6010D	SW3050
7439-89-6	Iron	17300		1	3.89	4.88	mg/Kg	07/03/25 10:30	07/09/25 17:23	6010D	SW3050
7439-92-1	Lead	10.9		1	0.13	0.59	mg/Kg	07/03/25 10:30	07/09/25 17:23	6010D	SW3050
7439-95-4	Magnesium	4120		1	11.7	97.5	mg/Kg	07/03/25 10:30	07/09/25 17:23	6010D	SW3050
7439-96-5	Manganese	70.9		1	0.14	0.98	mg/Kg	07/03/25 10:30	07/09/25 17:23	6010D	SW3050
7439-97-6	Mercury	0.022		1	0.0090	0.016	mg/Kg	07/02/25 16:25	07/03/25 11:59	7471B	
7440-02-0	Nickel	6.94		1	0.13	1.95	mg/Kg	07/03/25 10:30	07/09/25 17:23	6010D	SW3050
7440-09-7	Potassium	429		1	27.0	97.5	mg/Kg	07/03/25 10:30	07/09/25 17:23	6010D	SW3050
7782-49-2	Selenium	2.59	N	1	0.25	0.98	mg/Kg	07/03/25 10:30	07/09/25 17:23	6010D	SW3050
7440-22-4	Silver	0.12	UN	1	0.12	0.49	mg/Kg	07/03/25 10:30	07/09/25 17:23	6010D	SW3050
7440-23-5	Sodium	354	N	1	17.4	97.5	mg/Kg	07/03/25 10:30	07/09/25 17:23	6010D	SW3050
7440-28-0	Thallium	0.22	U	1	0.22	1.95	mg/Kg	07/03/25 10:30	07/09/25 17:23	6010D	SW3050
7440-62-2	Vanadium	35.8		1	0.24	1.95	mg/Kg	07/03/25 10:30	07/09/25 17:23	6010D	SW3050
7440-66-6	Zinc	20.0		1	0.11	1.95	mg/Kg	07/03/25 10:30	07/09/25 17:23	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