

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-58	SDG No.:	Q2484
Lab Sample ID:	Q2484-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	86.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	2830		1	0.83	4.92	mg/Kg	07/03/25 10:30	07/07/25 17:26	6010D	SW3050
7440-36-0	Antimony	0.44	JN	1	0.22	2.46	mg/Kg	07/03/25 10:30	07/07/25 17:26	6010D	SW3050
7440-38-2	Arsenic	6.73		1	0.19	0.98	mg/Kg	07/03/25 10:30	07/07/25 17:26	6010D	SW3050
7440-39-3	Barium	12.5		1	0.72	4.92	mg/Kg	07/03/25 10:30	07/07/25 17:26	6010D	SW3050
7440-41-7	Beryllium	0.35		1	0.025	0.30	mg/Kg	07/03/25 10:30	07/07/25 17:26	6010D	SW3050
7440-43-9	Cadmium	0.024	U	1	0.024	0.30	mg/Kg	07/03/25 10:30	07/07/25 17:26	6010D	SW3050
7440-70-2	Calcium	627	*	1	10.9	98.3	mg/Kg	07/03/25 10:30	07/07/25 17:26	6010D	SW3050
7440-47-3	Chromium	8.80		1	0.046	0.49	mg/Kg	07/03/25 10:30	07/07/25 17:26	6010D	SW3050
7440-48-4	Cobalt	1.21	J	1	0.098	1.47	mg/Kg	07/03/25 10:30	07/07/25 17:26	6010D	SW3050
7440-50-8	Copper	6.02		1	0.22	0.98	mg/Kg	07/03/25 10:30	07/07/25 17:26	6010D	SW3050
7439-89-6	Iron	21400		1	3.92	4.92	mg/Kg	07/03/25 10:30	07/07/25 17:26	6010D	SW3050
7439-92-1	Lead	32.1		1	0.13	0.59	mg/Kg	07/03/25 10:30	07/07/25 17:26	6010D	SW3050
7439-95-4	Magnesium	270		1	11.8	98.3	mg/Kg	07/03/25 10:30	07/07/25 17:26	6010D	SW3050
7439-96-5	Manganese	21.8		1	0.14	0.98	mg/Kg	07/03/25 10:30	07/07/25 17:26	6010D	SW3050
7439-97-6	Mercury	0.012	J	1	0.0080	0.015	mg/Kg	07/02/25 16:25	07/03/25 11:55	7471B	
7440-02-0	Nickel	3.12		1	0.13	1.97	mg/Kg	07/03/25 10:30	07/07/25 17:26	6010D	SW3050
7440-09-7	Potassium	297		1	27.2	98.3	mg/Kg	07/03/25 10:30	07/07/25 17:26	6010D	SW3050
7782-49-2	Selenium	0.94	JN	1	0.26	0.98	mg/Kg	07/03/25 10:30	07/07/25 17:26	6010D	SW3050
7440-22-4	Silver	0.12	UN	1	0.12	0.49	mg/Kg	07/03/25 10:30	07/07/25 17:26	6010D	SW3050
7440-23-5	Sodium	114	N	1	17.5	98.3	mg/Kg	07/03/25 10:30	07/07/25 17:26	6010D	SW3050
7440-28-0	Thallium	0.76	J	1	0.23	1.97	mg/Kg	07/03/25 10:30	07/07/25 17:26	6010D	SW3050
7440-62-2	Vanadium	18.8		1	0.25	1.97	mg/Kg	07/03/25 10:30	07/07/25 17:26	6010D	SW3050
7440-66-6	Zinc	11.8		1	0.23	1.97	mg/Kg	07/03/25 10:30	07/07/25 17:26	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