

Report of Analysis

Client:	CDM Smith	Date Collected:	06/23/25
Project:	South River WM Replacement	Date Received:	06/24/25
Client Sample ID:	TP-35	SDG No.:	Q2413
Lab Sample ID:	Q2413-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	88.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7550		1	0.80	4.73	mg/Kg	06/26/25 10:20	06/27/25 18:28	6010D	SW3050
7440-36-0	Antimony	1.16	JN	1	0.21	2.37	mg/Kg	06/26/25 10:20	06/27/25 18:28	6010D	SW3050
7440-38-2	Arsenic	6.94		1	0.18	0.95	mg/Kg	06/26/25 10:20	06/27/25 18:28	6010D	SW3050
7440-39-3	Barium	18.5		1	0.69	4.73	mg/Kg	06/26/25 10:20	06/27/25 18:28	6010D	SW3050
7440-41-7	Beryllium	0.79		1	0.024	0.28	mg/Kg	06/26/25 10:20	06/27/25 18:28	6010D	SW3050
7440-43-9	Cadmium	0.023	U	1	0.023	0.28	mg/Kg	06/26/25 10:20	06/27/25 18:28	6010D	SW3050
7440-70-2	Calcium	239		1	10.5	94.6	mg/Kg	06/26/25 10:20	06/27/25 18:28	6010D	SW3050
7440-47-3	Chromium	12.3		1	0.044	0.47	mg/Kg	06/26/25 10:20	06/27/25 18:28	6010D	SW3050
7440-48-4	Cobalt	4.49		1	0.095	1.42	mg/Kg	06/26/25 10:20	06/27/25 18:28	6010D	SW3050
7440-50-8	Copper	4.24		1	0.21	0.95	mg/Kg	06/26/25 10:20	06/27/25 18:28	6010D	SW3050
7439-89-6	Iron	22300		1	3.78	4.73	mg/Kg	06/26/25 10:20	06/27/25 18:28	6010D	SW3050
7439-92-1	Lead	10.6		1	0.12	0.57	mg/Kg	06/26/25 10:20	06/27/25 18:28	6010D	SW3050
7439-95-4	Magnesium	503		1	11.4	94.6	mg/Kg	06/26/25 10:20	06/27/25 18:28	6010D	SW3050
7439-96-5	Manganese	50.0		1	0.13	0.95	mg/Kg	06/26/25 10:20	06/27/25 18:28	6010D	SW3050
7439-97-6	Mercury	0.023		1	0.0080	0.014	mg/Kg	06/26/25 12:15	06/26/25 15:03	7471B	
7440-02-0	Nickel	7.64		1	0.12	1.89	mg/Kg	06/26/25 10:20	06/27/25 18:28	6010D	SW3050
7440-09-7	Potassium	445	N	1	26.2	94.6	mg/Kg	06/26/25 10:20	06/27/25 18:28	6010D	SW3050
7782-49-2	Selenium	7.10		1	0.25	0.95	mg/Kg	06/26/25 10:20	06/27/25 18:28	6010D	SW3050
7440-22-4	Silver	0.38	J	1	0.11	0.47	mg/Kg	06/26/25 10:20	06/27/25 18:28	6010D	SW3050
7440-23-5	Sodium	138		1	16.8	94.6	mg/Kg	06/26/25 10:20	06/27/25 18:28	6010D	SW3050
7440-28-0	Thallium	0.22	U	1	0.22	1.89	mg/Kg	06/26/25 10:20	06/27/25 18:28	6010D	SW3050
7440-62-2	Vanadium	24.8	N	1	0.24	1.89	mg/Kg	06/26/25 10:20	06/27/25 18:28	6010D	SW3050
7440-66-6	Zinc	21.3	N	1	0.10	1.89	mg/Kg	06/26/25 10:20	06/27/25 18:28	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