

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-104	SDG No.:	Q2484
Lab Sample ID:	Q2484-06	Matrix:	SOIL
Level (low/med):	low	% Solid:	87.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	9230		1	0.80	4.77	mg/Kg	07/03/25 10:30	07/15/25 14:44	6010D	SW3050
7440-36-0	Antimony	1.16	JN	1	0.21	2.39	mg/Kg	07/03/25 10:30	07/15/25 14:44	6010D	SW3050
7440-38-2	Arsenic	7.48		1	0.18	0.96	mg/Kg	07/03/25 10:30	07/15/25 14:44	6010D	SW3050
7440-39-3	Barium	24.3		1	0.70	4.77	mg/Kg	07/03/25 10:30	07/15/25 14:44	6010D	SW3050
7440-41-7	Beryllium	0.73		1	0.024	0.29	mg/Kg	07/03/25 10:30	07/15/25 14:44	6010D	SW3050
7440-43-9	Cadmium	0.023	U	1	0.023	0.29	mg/Kg	07/03/25 10:30	07/15/25 14:44	6010D	SW3050
7440-70-2	Calcium	353	*	1	10.6	95.5	mg/Kg	07/03/25 10:30	07/15/25 14:44	6010D	SW3050
7440-47-3	Chromium	15.8		1	0.045	0.48	mg/Kg	07/03/25 10:30	07/15/25 14:44	6010D	SW3050
7440-48-4	Cobalt	0.095	U	1	0.095	1.43	mg/Kg	07/03/25 10:30	07/15/25 14:44	6010D	SW3050
7440-50-8	Copper	4.84		1	0.21	0.96	mg/Kg	07/03/25 10:30	07/15/25 14:44	6010D	SW3050
7439-89-6	Iron	19400		1	3.81	4.77	mg/Kg	07/03/25 10:30	07/15/25 14:44	6010D	SW3050
7439-92-1	Lead	13.1		1	0.12	0.57	mg/Kg	07/03/25 10:30	07/15/25 14:44	6010D	SW3050
7439-95-4	Magnesium	717		1	11.5	95.5	mg/Kg	07/03/25 10:30	07/15/25 14:44	6010D	SW3050
7439-96-5	Manganese	73.8		1	0.13	0.96	mg/Kg	07/03/25 10:30	07/15/25 14:44	6010D	SW3050
7439-97-6	Mercury	0.039		1	0.0080	0.015	mg/Kg	07/02/25 16:25	07/03/25 12:06	7471B	
7440-02-0	Nickel	7.27		1	0.12	1.91	mg/Kg	07/03/25 10:30	07/15/25 14:44	6010D	SW3050
7440-09-7	Potassium	420		1	26.4	95.5	mg/Kg	07/03/25 10:30	07/15/25 14:44	6010D	SW3050
7782-49-2	Selenium	4.47	N	1	0.25	0.96	mg/Kg	07/03/25 10:30	07/15/25 14:44	6010D	SW3050
7440-22-4	Silver	0.12	UN	1	0.12	0.48	mg/Kg	07/03/25 10:30	07/15/25 14:44	6010D	SW3050
7440-23-5	Sodium	253	N	1	17.0	95.5	mg/Kg	07/03/25 10:30	07/15/25 14:44	6010D	SW3050
7440-28-0	Thallium	0.22	U	1	0.22	1.91	mg/Kg	07/03/25 10:30	07/15/25 14:44	6010D	SW3050
7440-62-2	Vanadium	30.8		1	0.24	1.91	mg/Kg	07/03/25 10:30	07/15/25 14:44	6010D	SW3050
7440-66-6	Zinc	16.3		1	0.11	1.91	mg/Kg	07/03/25 10:30	07/15/25 14:44	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