

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-106	SDG No.:	Q2484
Lab Sample ID:	Q2484-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	87.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8890		1	0.78	4.62	mg/Kg	07/03/25 10:30	07/09/25 17:32	6010D	SW3050
7440-36-0	Antimony	1.73	JN	1	0.20	2.31	mg/Kg	07/03/25 10:30	07/09/25 17:32	6010D	SW3050
7440-38-2	Arsenic	9.95		1	0.18	0.93	mg/Kg	07/03/25 10:30	07/09/25 17:32	6010D	SW3050
7440-39-3	Barium	17.9		1	0.68	4.62	mg/Kg	07/03/25 10:30	07/09/25 17:32	6010D	SW3050
7440-41-7	Beryllium	0.99		1	0.023	0.28	mg/Kg	07/03/25 10:30	07/09/25 17:32	6010D	SW3050
7440-43-9	Cadmium	0.022	U	1	0.022	0.28	mg/Kg	07/03/25 10:30	07/09/25 17:32	6010D	SW3050
7440-70-2	Calcium	365	*	1	10.3	92.5	mg/Kg	07/03/25 10:30	07/09/25 17:32	6010D	SW3050
7440-47-3	Chromium	36.0		1	0.043	0.46	mg/Kg	07/03/25 10:30	07/09/25 17:32	6010D	SW3050
7440-48-4	Cobalt	4.70		1	0.092	1.39	mg/Kg	07/03/25 10:30	07/09/25 17:32	6010D	SW3050
7440-50-8	Copper	2.51		1	0.20	0.93	mg/Kg	07/03/25 10:30	07/09/25 17:32	6010D	SW3050
7439-89-6	Iron	25500		1	3.69	4.62	mg/Kg	07/03/25 10:30	07/09/25 17:32	6010D	SW3050
7439-92-1	Lead	9.18		1	0.12	0.56	mg/Kg	07/03/25 10:30	07/09/25 17:32	6010D	SW3050
7439-95-4	Magnesium	507		1	11.1	92.5	mg/Kg	07/03/25 10:30	07/09/25 17:32	6010D	SW3050
7439-96-5	Manganese	56.0		1	0.13	0.93	mg/Kg	07/03/25 10:30	07/09/25 17:32	6010D	SW3050
7439-97-6	Mercury	0.031		1	0.0090	0.016	mg/Kg	07/02/25 16:25	07/03/25 12:04	7471B	
7440-02-0	Nickel	6.34		1	0.12	1.85	mg/Kg	07/03/25 10:30	07/09/25 17:32	6010D	SW3050
7440-09-7	Potassium	392		1	25.6	92.5	mg/Kg	07/03/25 10:30	07/09/25 17:32	6010D	SW3050
7782-49-2	Selenium	6.21	N	1	0.24	0.93	mg/Kg	07/03/25 10:30	07/09/25 17:32	6010D	SW3050
7440-22-4	Silver	0.11	UN	1	0.11	0.46	mg/Kg	07/03/25 10:30	07/09/25 17:32	6010D	SW3050
7440-23-5	Sodium	299	N	1	16.5	92.5	mg/Kg	07/03/25 10:30	07/09/25 17:32	6010D	SW3050
7440-28-0	Thallium	0.21	U	1	0.21	1.85	mg/Kg	07/03/25 10:30	07/09/25 17:32	6010D	SW3050
7440-62-2	Vanadium	36.0		1	0.23	1.85	mg/Kg	07/03/25 10:30	07/09/25 17:32	6010D	SW3050
7440-66-6	Zinc	18.3		1	0.10	1.85	mg/Kg	07/03/25 10:30	07/09/25 17:32	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