

Report of Analysis

Client:	CDM Smith	Date Collected:	07/02/25
Project:	South River WM Replacement	Date Received:	07/03/25
Client Sample ID:	TP-94	SDG No.:	Q2514
Lab Sample ID:	Q2514-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	88.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	9340		1	0.81	4.79	mg/Kg	07/07/25 10:05	07/09/25 19:43	6010D	SW3050
7440-36-0	Antimony	1.43	JN	1	0.21	2.39	mg/Kg	07/07/25 10:05	07/09/25 19:43	6010D	SW3050
7440-38-2	Arsenic	9.25		1	0.18	0.96	mg/Kg	07/07/25 10:05	07/09/25 19:43	6010D	SW3050
7440-39-3	Barium	22.9		1	0.70	4.79	mg/Kg	07/07/25 10:05	07/09/25 19:43	6010D	SW3050
7440-41-7	Beryllium	0.80	N	1	0.024	0.29	mg/Kg	07/07/25 10:05	07/09/25 19:43	6010D	SW3050
7440-43-9	Cadmium	0.023	U	1	0.023	0.29	mg/Kg	07/07/25 10:05	07/09/25 19:43	6010D	SW3050
7440-70-2	Calcium	120		1	10.6	95.8	mg/Kg	07/07/25 10:05	07/09/25 19:43	6010D	SW3050
7440-47-3	Chromium	17.2		1	0.045	0.48	mg/Kg	07/07/25 10:05	07/09/25 19:43	6010D	SW3050
7440-48-4	Cobalt	3.41	N	1	0.096	1.44	mg/Kg	07/07/25 10:05	07/09/25 19:43	6010D	SW3050
7440-50-8	Copper	4.08	N	1	0.21	0.96	mg/Kg	07/07/25 10:05	07/09/25 19:43	6010D	SW3050
7439-89-6	Iron	23700		1	3.82	4.79	mg/Kg	07/07/25 10:05	07/09/25 19:43	6010D	SW3050
7439-92-1	Lead	15.5	*	1	0.13	0.57	mg/Kg	07/07/25 10:05	07/09/25 19:43	6010D	SW3050
7439-95-4	Magnesium	686		1	11.5	95.8	mg/Kg	07/07/25 10:05	07/09/25 19:43	6010D	SW3050
7439-96-5	Manganese	51.5	*	1	0.13	0.96	mg/Kg	07/07/25 10:05	07/09/25 19:43	6010D	SW3050
7439-97-6	Mercury	0.036		1	0.0080	0.014	mg/Kg	07/15/25 15:40	07/16/25 13:51	7471B	
7440-02-0	Nickel	6.62		1	0.13	1.92	mg/Kg	07/07/25 10:05	07/09/25 19:43	6010D	SW3050
7440-09-7	Potassium	373		1	26.5	95.8	mg/Kg	07/07/25 10:05	07/09/25 19:43	6010D	SW3050
7782-49-2	Selenium	6.45	N	1	0.25	0.96	mg/Kg	07/07/25 10:05	07/09/25 19:43	6010D	SW3050
7440-22-4	Silver	0.12	UN	1	0.12	0.48	mg/Kg	07/07/25 10:05	07/09/25 19:43	6010D	SW3050
7440-23-5	Sodium	245	N	1	17.1	95.8	mg/Kg	07/07/25 10:05	07/09/25 19:43	6010D	SW3050
7440-28-0	Thallium	0.22	U	1	0.22	1.92	mg/Kg	07/07/25 10:05	07/09/25 19:43	6010D	SW3050
7440-62-2	Vanadium	35.4	N*	1	0.24	1.92	mg/Kg	07/07/25 10:05	07/09/25 19:43	6010D	SW3050
7440-66-6	Zinc	19.0		1	0.11	1.92	mg/Kg	07/07/25 10:05	07/09/25 19:43	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