

Report of Analysis

Client:	CDM Smith	Date Collected:	07/03/25
Project:	South River WM Replacement	Date Received:	07/03/25
Client Sample ID:	TP-90	SDG No.:	Q2514
Lab Sample ID:	Q2514-10	Matrix:	SOIL
Level (low/med):	low	% Solid:	91.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4530		1	0.83	4.94	mg/Kg	07/07/25 10:05	07/09/25 20:23	6010D	SW3050
7440-36-0	Antimony	1.58	JN	1	0.22	2.47	mg/Kg	07/07/25 10:05	07/09/25 20:23	6010D	SW3050
7440-38-2	Arsenic	2.83		1	0.19	0.99	mg/Kg	07/07/25 10:05	07/09/25 20:23	6010D	SW3050
7440-39-3	Barium	9.66		1	0.72	4.94	mg/Kg	07/07/25 10:05	07/09/25 20:23	6010D	SW3050
7440-41-7	Beryllium	0.28	JN	1	0.025	0.30	mg/Kg	07/07/25 10:05	07/09/25 20:23	6010D	SW3050
7440-43-9	Cadmium	0.024	U	1	0.024	0.30	mg/Kg	07/07/25 10:05	07/09/25 20:23	6010D	SW3050
7440-70-2	Calcium	2560		1	11.0	98.8	mg/Kg	07/07/25 10:05	07/09/25 20:23	6010D	SW3050
7440-47-3	Chromium	7.24		1	0.046	0.49	mg/Kg	07/07/25 10:05	07/09/25 20:23	6010D	SW3050
7440-48-4	Cobalt	7.80	N	1	0.099	1.48	mg/Kg	07/07/25 10:05	07/09/25 20:23	6010D	SW3050
7440-50-8	Copper	37.9	N	1	0.22	0.99	mg/Kg	07/07/25 10:05	07/09/25 20:23	6010D	SW3050
7439-89-6	Iron	12900		1	3.94	4.94	mg/Kg	07/07/25 10:05	07/09/25 20:23	6010D	SW3050
7439-92-1	Lead	5.60	*	1	0.13	0.59	mg/Kg	07/07/25 10:05	07/09/25 20:23	6010D	SW3050
7439-95-4	Magnesium	3870		1	11.9	98.8	mg/Kg	07/07/25 10:05	07/09/25 20:23	6010D	SW3050
7439-96-5	Manganese	108	*	1	0.14	0.99	mg/Kg	07/07/25 10:05	07/09/25 20:23	6010D	SW3050
7439-97-6	Mercury	0.021		1	0.0080	0.014	mg/Kg	07/15/25 15:40	07/16/25 14:12	7471B	
7440-02-0	Nickel	16.4		1	0.13	1.98	mg/Kg	07/07/25 10:05	07/09/25 20:23	6010D	SW3050
7440-09-7	Potassium	155		1	27.4	98.8	mg/Kg	07/07/25 10:05	07/09/25 20:23	6010D	SW3050
7782-49-2	Selenium	2.86	N	1	0.26	0.99	mg/Kg	07/07/25 10:05	07/09/25 20:23	6010D	SW3050
7440-22-4	Silver	0.20	JN	1	0.12	0.49	mg/Kg	07/07/25 10:05	07/09/25 20:23	6010D	SW3050
7440-23-5	Sodium	682	N	1	17.6	98.8	mg/Kg	07/07/25 10:05	07/09/25 20:23	6010D	SW3050
7440-28-0	Thallium	0.23	U	1	0.23	1.98	mg/Kg	07/07/25 10:05	07/09/25 20:23	6010D	SW3050
7440-62-2	Vanadium	24.8	N*	1	0.25	1.98	mg/Kg	07/07/25 10:05	07/09/25 20:23	6010D	SW3050
7440-66-6	Zinc	15.5		1	0.11	1.98	mg/Kg	07/07/25 10:05	07/09/25 20:23	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