

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-36	SDG No.:	Q2514
Lab Sample ID:	Q2514-07	Matrix:	SOIL
Level (low/med):	low	% Solid:	90.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8840		1	0.79	4.67	mg/Kg	07/07/25 10:05	07/09/25 20:10	6010D	SW3050
7440-36-0	Antimony	1.28	JN	1	0.21	2.34	mg/Kg	07/07/25 10:05	07/09/25 20:10	6010D	SW3050
7440-38-2	Arsenic	6.18		1	0.18	0.94	mg/Kg	07/07/25 10:05	07/09/25 20:10	6010D	SW3050
7440-39-3	Barium	9.64		1	0.68	4.67	mg/Kg	07/07/25 10:05	07/09/25 20:10	6010D	SW3050
7440-41-7	Beryllium	0.88	N	1	0.023	0.28	mg/Kg	07/07/25 10:05	07/09/25 20:10	6010D	SW3050
7440-43-9	Cadmium	0.052	J	1	0.022	0.28	mg/Kg	07/07/25 10:05	07/09/25 20:10	6010D	SW3050
7440-70-2	Calcium	477		1	10.4	93.5	mg/Kg	07/07/25 10:05	07/09/25 20:10	6010D	SW3050
7440-47-3	Chromium	16.1		1	0.044	0.47	mg/Kg	07/07/25 10:05	07/09/25 20:10	6010D	SW3050
7440-48-4	Cobalt	1.87	N	1	0.093	1.40	mg/Kg	07/07/25 10:05	07/09/25 20:10	6010D	SW3050
7440-50-8	Copper	0.79	JN	1	0.21	0.94	mg/Kg	07/07/25 10:05	07/09/25 20:10	6010D	SW3050
7439-89-6	Iron	20600		1	3.73	4.67	mg/Kg	07/07/25 10:05	07/09/25 20:10	6010D	SW3050
7439-92-1	Lead	44.9	*	1	0.12	0.56	mg/Kg	07/07/25 10:05	07/09/25 20:10	6010D	SW3050
7439-95-4	Magnesium	378		1	11.2	93.5	mg/Kg	07/07/25 10:05	07/09/25 20:10	6010D	SW3050
7439-96-5	Manganese	14.6	*	1	0.13	0.94	mg/Kg	07/07/25 10:05	07/09/25 20:10	6010D	SW3050
7439-97-6	Mercury	0.019		1	0.0080	0.015	mg/Kg	07/15/25 15:40	07/16/25 14:01	7471B	
7440-02-0	Nickel	5.00		1	0.12	1.87	mg/Kg	07/07/25 10:05	07/09/25 20:10	6010D	SW3050
7440-09-7	Potassium	980		1	25.9	93.5	mg/Kg	07/07/25 10:05	07/09/25 20:10	6010D	SW3050
7782-49-2	Selenium	5.42	N	1	0.24	0.94	mg/Kg	07/07/25 10:05	07/09/25 20:10	6010D	SW3050
7440-22-4	Silver	0.11	UN	1	0.11	0.47	mg/Kg	07/07/25 10:05	07/09/25 20:10	6010D	SW3050
7440-23-5	Sodium	249	N	1	16.6	93.5	mg/Kg	07/07/25 10:05	07/09/25 20:10	6010D	SW3050
7440-28-0	Thallium	0.22	U	1	0.22	1.87	mg/Kg	07/07/25 10:05	07/09/25 20:10	6010D	SW3050
7440-62-2	Vanadium	40.8	N*	1	0.23	1.87	mg/Kg	07/07/25 10:05	07/09/25 20:10	6010D	SW3050
7440-66-6	Zinc	16.7		1	0.10	1.87	mg/Kg	07/07/25 10:05	07/09/25 20:10	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