

Report of Analysis

Client:	CDM Smith	Date Collected:	06/25/25
Project:	South River WM Replacement	Date Received:	06/26/25
Client Sample ID:	TP-70	SDG No.:	Q2436
Lab Sample ID:	Q2436-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	82.1

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	0.89	5.32	mg/Kg	06/27/25 13:05	07/01/25 17:43	6010D	SW3050
7440-36-0	Antimony	0.23	UN	1	0.23	2.66	mg/Kg	06/27/25 13:05	07/01/25 17:43	6010D	SW3050
7440-38-2	Arsenic	4.89		1	0.20	1.06	mg/Kg	06/27/25 13:05	07/01/25 17:43	6010D	SW3050
7440-39-3	Barium	67.4	N	1	0.78	5.32	mg/Kg	06/27/25 13:05	07/01/25 17:43	6010D	SW3050
7440-41-7	Beryllium	0.56		1	0.027	0.32	mg/Kg	06/27/25 13:05	07/01/25 17:43	6010D	SW3050
7440-43-9	Cadmium	0.026	U	1	0.026	0.32	mg/Kg	06/27/25 13:05	07/01/25 17:43	6010D	SW3050
7440-70-2	Calcium	318	N	1	11.8	106	mg/Kg	06/27/25 13:05	07/01/25 17:43	6010D	SW3050
7440-47-3	Chromium	7.09		1	0.050	0.53	mg/Kg	06/27/25 13:05	07/01/25 17:43	6010D	SW3050
7440-48-4	Cobalt	2.07	*	1	0.11	1.60	mg/Kg	06/27/25 13:05	07/01/25 17:43	6010D	SW3050
7440-50-8	Copper	1.84		1	0.23	1.06	mg/Kg	06/27/25 13:05	07/01/25 17:43	6010D	SW3050
7439-89-6	Iron	12400		1	4.24	5.32	mg/Kg	06/27/25 13:05	07/01/25 17:43	6010D	SW3050
7439-92-1	Lead	5.95		1	0.14	0.64	mg/Kg	06/27/25 13:05	07/01/25 17:43	6010D	SW3050
7439-95-4	Magnesium	203	N	1	12.8	106	mg/Kg	06/27/25 13:05	07/01/25 17:43	6010D	SW3050
7439-96-5	Manganese	70.4	N*	1	0.15	1.06	mg/Kg	06/27/25 13:05	07/01/25 17:43	6010D	SW3050
7439-97-6	Mercury	0.0080	U	1	0.0080	0.014	mg/Kg	06/27/25 14:20	06/30/25 13:57	7471B	
7440-02-0	Nickel	3.08		1	0.14	2.13	mg/Kg	06/27/25 13:05	07/01/25 17:43	6010D	SW3050
7440-09-7	Potassium	207		1	29.5	106	mg/Kg	06/27/25 13:05	07/01/25 17:43	6010D	SW3050
7782-49-2	Selenium	2.88		1	0.28	1.06	mg/Kg	06/27/25 13:05	07/01/25 17:43	6010D	SW3050
7440-22-4	Silver	0.56		1	0.13	0.53	mg/Kg	06/27/25 13:05	07/01/25 17:43	6010D	SW3050
7440-23-5	Sodium	235		1	18.9	106	mg/Kg	06/27/25 13:05	07/01/25 17:43	6010D	SW3050
7440-28-0	Thallium	0.25	U	1	0.25	2.13	mg/Kg	06/27/25 13:05	07/01/25 17:43	6010D	SW3050
7440-62-2	Vanadium	19.7		1	0.27	2.13	mg/Kg	06/27/25 13:05	07/01/25 17:43	6010D	SW3050
7440-66-6	Zinc	8.13		1	0.25	2.13	mg/Kg	06/27/25 13:05	07/01/25 17:43	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