

Report of Analysis

Client:	CDM Smith	Date Collected:	07/07/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-95	SDG No.:	Q2529
Lab Sample ID:	Q2529-04	Matrix:	SOIL
Level (low/med):	low	% Solid:	83.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	10700		1	0.92	5.46	mg/Kg	07/09/25 10:35	07/10/25 21:11	6010D	SW3050
7440-36-0	Antimony	0.24	UN	1	0.24	2.73	mg/Kg	07/09/25 10:35	07/10/25 21:11	6010D	SW3050
7440-38-2	Arsenic	8.96		1	0.21	1.09	mg/Kg	07/09/25 10:35	07/10/25 21:11	6010D	SW3050
7440-39-3	Barium	133		1	0.80	5.46	mg/Kg	07/09/25 10:35	07/10/25 21:11	6010D	SW3050
7440-41-7	Beryllium	0.80		1	0.027	0.33	mg/Kg	07/09/25 10:35	07/10/25 21:11	6010D	SW3050
7440-43-9	Cadmium	0.026	U	1	0.026	0.33	mg/Kg	07/09/25 10:35	07/10/25 21:11	6010D	SW3050
7440-70-2	Calcium	12.1	UN	1	12.1	109	mg/Kg	07/09/25 10:35	07/10/25 21:11	6010D	SW3050
7440-47-3	Chromium	12.4		1	0.051	0.55	mg/Kg	07/09/25 10:35	07/10/25 21:11	6010D	SW3050
7440-48-4	Cobalt	4.08		1	0.11	1.64	mg/Kg	07/09/25 10:35	07/10/25 21:11	6010D	SW3050
7440-50-8	Copper	6.77		1	0.24	1.09	mg/Kg	07/09/25 10:35	07/10/25 21:11	6010D	SW3050
7439-89-6	Iron	21300		1	4.35	5.46	mg/Kg	07/09/25 10:35	07/10/25 21:11	6010D	SW3050
7439-92-1	Lead	206		1	0.14	0.66	mg/Kg	07/09/25 10:35	07/10/25 21:11	6010D	SW3050
7439-95-4	Magnesium	955	N	1	13.1	109	mg/Kg	07/09/25 10:35	07/10/25 21:11	6010D	SW3050
7439-96-5	Manganese	66.4	N	1	0.15	1.09	mg/Kg	07/09/25 10:35	07/10/25 21:11	6010D	SW3050
7439-97-6	Mercury	0.11		1	0.0090	0.016	mg/Kg	07/09/25 14:40	07/10/25 10:15	7471B	
7440-02-0	Nickel	7.68		1	0.14	2.18	mg/Kg	07/09/25 10:35	07/10/25 21:11	6010D	SW3050
7440-09-7	Potassium	380		1	30.2	109	mg/Kg	07/09/25 10:35	07/10/25 21:11	6010D	SW3050
7782-49-2	Selenium	0.28	U	1	0.28	1.09	mg/Kg	07/09/25 10:35	07/10/25 21:11	6010D	SW3050
7440-22-4	Silver	0.27	J	1	0.13	0.55	mg/Kg	07/09/25 10:35	07/10/25 21:11	6010D	SW3050
7440-23-5	Sodium	309	N	1	19.4	109	mg/Kg	07/09/25 10:35	07/10/25 21:11	6010D	SW3050
7440-28-0	Thallium	0.25	U	1	0.25	2.18	mg/Kg	07/09/25 10:35	07/10/25 21:11	6010D	SW3050
7440-62-2	Vanadium	29.3		1	0.27	2.18	mg/Kg	07/09/25 10:35	07/10/25 21:11	6010D	SW3050
7440-66-6	Zinc	53.1		1	0.25	2.18	mg/Kg	07/09/25 10:35	07/10/25 21:11	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