

Report of Analysis

Client:	CDM Smith	Date Collected:	06/27/25
Project:	South River WM Replacement	Date Received:	06/27/25
Client Sample ID:	TP-66	SDG No.:	Q2458
Lab Sample ID:	Q2458-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	88.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	2430		1	0.91	5.39	mg/Kg	07/01/25 10:10	07/03/25 15:20	6010D	SW3050
7440-36-0	Antimony	0.24	UN	1	0.24	2.70	mg/Kg	07/01/25 10:10	07/03/25 15:20	6010D	SW3050
7440-38-2	Arsenic	5.43		1	0.21	1.08	mg/Kg	07/01/25 10:10	07/03/25 15:20	6010D	SW3050
7440-39-3	Barium	9.75		1	0.79	5.39	mg/Kg	07/01/25 10:10	07/03/25 15:20	6010D	SW3050
7440-41-7	Beryllium	0.37		1	0.027	0.32	mg/Kg	07/01/25 10:10	07/03/25 15:20	6010D	SW3050
7440-43-9	Cadmium	0.026	U	1	0.026	0.32	mg/Kg	07/01/25 10:10	07/03/25 15:20	6010D	SW3050
7440-70-2	Calcium	598		1	12.0	108	mg/Kg	07/01/25 10:10	07/03/25 15:20	6010D	SW3050
7440-47-3	Chromium	9.03		1	0.051	0.54	mg/Kg	07/01/25 10:10	07/03/25 15:20	6010D	SW3050
7440-48-4	Cobalt	1.06	J	1	0.11	1.62	mg/Kg	07/01/25 10:10	07/03/25 15:20	6010D	SW3050
7440-50-8	Copper	23.2	N*	1	0.24	1.08	mg/Kg	07/01/25 10:10	07/03/25 15:20	6010D	SW3050
7439-89-6	Iron	21800		1	4.30	5.39	mg/Kg	07/01/25 10:10	07/03/25 15:20	6010D	SW3050
7439-92-1	Lead	16.8		1	0.14	0.65	mg/Kg	07/01/25 10:10	07/03/25 15:20	6010D	SW3050
7439-95-4	Magnesium	258		1	12.9	108	mg/Kg	07/01/25 10:10	07/03/25 15:20	6010D	SW3050
7439-96-5	Manganese	54.0		1	0.15	1.08	mg/Kg	07/01/25 10:10	07/03/25 15:20	6010D	SW3050
7439-97-6	Mercury	0.016		1	0.0080	0.014	mg/Kg	07/01/25 14:10	07/02/25 11:47	7471B	
7440-02-0	Nickel	2.15	J	1	0.14	2.16	mg/Kg	07/01/25 10:10	07/03/25 15:20	6010D	SW3050
7440-09-7	Potassium	403	N	1	29.9	108	mg/Kg	07/01/25 10:10	07/03/25 15:20	6010D	SW3050
7782-49-2	Selenium	5.20		1	0.28	1.08	mg/Kg	07/01/25 10:10	07/03/25 15:20	6010D	SW3050
7440-22-4	Silver	0.64		1	0.13	0.54	mg/Kg	07/01/25 10:10	07/03/25 15:20	6010D	SW3050
7440-23-5	Sodium	195		1	19.2	108	mg/Kg	07/01/25 10:10	07/03/25 15:20	6010D	SW3050
7440-28-0	Thallium	0.39	J	1	0.25	2.16	mg/Kg	07/01/25 10:10	07/03/25 15:20	6010D	SW3050
7440-62-2	Vanadium	19.5	N	1	0.27	2.16	mg/Kg	07/01/25 10:10	07/03/25 15:20	6010D	SW3050
7440-66-6	Zinc	16.6	N	1	0.25	2.16	mg/Kg	07/01/25 10:10	07/03/25 15:20	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