

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-62	SDG No.:	Q2458
Lab Sample ID:	Q2458-07	Matrix:	SOIL
Level (low/med):	low	% Solid:	91.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	3670		1	0.86	5.13	mg/Kg	07/01/25 10:10	07/03/25 15:29	6010D	SW3050
7440-36-0	Antimony	0.23	UN	1	0.23	2.56	mg/Kg	07/01/25 10:10	07/03/25 15:29	6010D	SW3050
7440-38-2	Arsenic	5.46		1	0.20	1.03	mg/Kg	07/01/25 10:10	07/03/25 15:29	6010D	SW3050
7440-39-3	Barium	19.8		1	0.75	5.13	mg/Kg	07/01/25 10:10	07/03/25 15:29	6010D	SW3050
7440-41-7	Beryllium	0.35		1	0.026	0.31	mg/Kg	07/01/25 10:10	07/03/25 15:29	6010D	SW3050
7440-43-9	Cadmium	0.025	U	1	0.025	0.31	mg/Kg	07/01/25 10:10	07/03/25 15:29	6010D	SW3050
7440-70-2	Calcium	14600		1	11.4	103	mg/Kg	07/01/25 10:10	07/03/25 15:29	6010D	SW3050
7440-47-3	Chromium	9.01		1	0.048	0.51	mg/Kg	07/01/25 10:10	07/03/25 15:29	6010D	SW3050
7440-48-4	Cobalt	2.15		1	0.10	1.54	mg/Kg	07/01/25 10:10	07/03/25 15:29	6010D	SW3050
7440-50-8	Copper	28.5	N*	1	0.23	1.03	mg/Kg	07/01/25 10:10	07/03/25 15:29	6010D	SW3050
7439-89-6	Iron	22800		1	4.09	5.13	mg/Kg	07/01/25 10:10	07/03/25 15:29	6010D	SW3050
7439-92-1	Lead	24.6		1	0.13	0.62	mg/Kg	07/01/25 10:10	07/03/25 15:29	6010D	SW3050
7439-95-4	Magnesium	4670		1	12.3	103	mg/Kg	07/01/25 10:10	07/03/25 15:29	6010D	SW3050
7439-96-5	Manganese	46.3		1	0.14	1.03	mg/Kg	07/01/25 10:10	07/03/25 15:29	6010D	SW3050
7439-97-6	Mercury	0.025		1	0.0080	0.014	mg/Kg	07/01/25 14:10	07/02/25 11:51	7471B	
7440-02-0	Nickel	3.89		1	0.13	2.05	mg/Kg	07/01/25 10:10	07/03/25 15:29	6010D	SW3050
7440-09-7	Potassium	469	N	1	28.4	103	mg/Kg	07/01/25 10:10	07/03/25 15:29	6010D	SW3050
7782-49-2	Selenium	5.15		1	0.27	1.03	mg/Kg	07/01/25 10:10	07/03/25 15:29	6010D	SW3050
7440-22-4	Silver	0.69		1	0.12	0.51	mg/Kg	07/01/25 10:10	07/03/25 15:29	6010D	SW3050
7440-23-5	Sodium	789		1	18.3	103	mg/Kg	07/01/25 10:10	07/03/25 15:29	6010D	SW3050
7440-28-0	Thallium	0.24	U	1	0.24	2.05	mg/Kg	07/01/25 10:10	07/03/25 15:29	6010D	SW3050
7440-62-2	Vanadium	23.2	N	1	0.26	2.05	mg/Kg	07/01/25 10:10	07/03/25 15:29	6010D	SW3050
7440-66-6	Zinc	21.6	N	1	0.24	2.05	mg/Kg	07/01/25 10:10	07/03/25 15:29	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