

Report of Analysis

Client:	CDM Smith	Date Collected:	07/08/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-30	SDG No.:	Q2529
Lab Sample ID:	Q2529-10	Matrix:	SOIL
Level (low/med):	low	% Solid:	91.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6310		1	0.86	5.09	mg/Kg	07/09/25 10:35	07/10/25 22:09	6010D	SW3050
7440-36-0	Antimony	0.22	UN	1	0.22	2.54	mg/Kg	07/09/25 10:35	07/10/25 22:09	6010D	SW3050
7440-38-2	Arsenic	4.59		1	0.19	1.02	mg/Kg	07/09/25 10:35	07/10/25 22:09	6010D	SW3050
7440-39-3	Barium	4.62	J	1	0.74	5.09	mg/Kg	07/09/25 10:35	07/10/25 22:09	6010D	SW3050
7440-41-7	Beryllium	0.93		1	0.025	0.31	mg/Kg	07/09/25 10:35	07/10/25 22:09	6010D	SW3050
7440-43-9	Cadmium	0.024	U	1	0.024	0.31	mg/Kg	07/09/25 10:35	07/10/25 22:09	6010D	SW3050
7440-70-2	Calcium	11.3	UN	1	11.3	102	mg/Kg	07/09/25 10:35	07/10/25 22:09	6010D	SW3050
7440-47-3	Chromium	5.90		1	0.048	0.51	mg/Kg	07/09/25 10:35	07/10/25 22:09	6010D	SW3050
7440-48-4	Cobalt	5.07		1	0.10	1.53	mg/Kg	07/09/25 10:35	07/10/25 22:09	6010D	SW3050
7440-50-8	Copper	2.43		1	0.22	1.02	mg/Kg	07/09/25 10:35	07/10/25 22:09	6010D	SW3050
7439-89-6	Iron	13800		1	4.06	5.09	mg/Kg	07/09/25 10:35	07/10/25 22:09	6010D	SW3050
7439-92-1	Lead	2.66		1	0.13	0.61	mg/Kg	07/09/25 10:35	07/10/25 22:09	6010D	SW3050
7439-95-4	Magnesium	128	N	1	12.2	102	mg/Kg	07/09/25 10:35	07/10/25 22:09	6010D	SW3050
7439-96-5	Manganese	112	N	1	0.14	1.02	mg/Kg	07/09/25 10:35	07/10/25 22:09	6010D	SW3050
7439-97-6	Mercury	0.020		1	0.0080	0.014	mg/Kg	07/09/25 14:40	07/10/25 10:33	7471B	
7440-02-0	Nickel	5.95		1	0.13	2.04	mg/Kg	07/09/25 10:35	07/10/25 22:09	6010D	SW3050
7440-09-7	Potassium	68.5	J	1	28.2	102	mg/Kg	07/09/25 10:35	07/10/25 22:09	6010D	SW3050
7782-49-2	Selenium	0.27	U	1	0.27	1.02	mg/Kg	07/09/25 10:35	07/10/25 22:09	6010D	SW3050
7440-22-4	Silver	0.12	U	1	0.12	0.51	mg/Kg	07/09/25 10:35	07/10/25 22:09	6010D	SW3050
7440-23-5	Sodium	154	N	1	18.1	102	mg/Kg	07/09/25 10:35	07/10/25 22:09	6010D	SW3050
7440-28-0	Thallium	0.23	U	1	0.23	2.04	mg/Kg	07/09/25 10:35	07/10/25 22:09	6010D	SW3050
7440-62-2	Vanadium	16.2		1	0.25	2.04	mg/Kg	07/09/25 10:35	07/10/25 22:09	6010D	SW3050
7440-66-6	Zinc	15.6		1	0.23	2.04	mg/Kg	07/09/25 10:35	07/10/25 22:09	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