

Report of Analysis

Client:	CDM Smith	Date Collected:	05/01/25
Project:	Bergen Point Fueling System	Date Received:	05/02/25
Client Sample ID:	SB1-3-4	SDG No.:	Q1956
Lab Sample ID:	Q1956-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	89

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	906		1	0.80	4.78	mg/Kg	05/06/25 12:05	05/07/25 15:36	SW6010	SW3050
7440-36-0	Antimony	2.39	UN	1	0.21	2.39	mg/Kg	05/06/25 12:05	05/07/25 15:36	SW6010	SW3050
7440-38-2	Arsenic	1.16		1	0.18	0.96	mg/Kg	05/06/25 12:05	05/07/25 15:36	SW6010	SW3050
7440-39-3	Barium	3.26	J	1	0.70	4.78	mg/Kg	05/06/25 12:05	05/07/25 15:36	SW6010	SW3050
7440-41-7	Beryllium	0.073	J	1	0.024	0.29	mg/Kg	05/06/25 12:05	05/07/25 15:36	SW6010	SW3050
7440-43-9	Cadmium	0.29	U	1	0.023	0.29	mg/Kg	05/06/25 12:05	05/07/25 15:36	SW6010	SW3050
7440-70-2	Calcium	341		1	10.6	95.6	mg/Kg	05/06/25 12:05	05/07/25 15:36	SW6010	SW3050
7440-47-3	Chromium	2.08		1	0.045	0.48	mg/Kg	05/06/25 12:05	05/07/25 15:36	SW6010	SW3050
7440-48-4	Cobalt	0.62	J	1	0.096	1.43	mg/Kg	05/06/25 12:05	05/07/25 15:36	SW6010	SW3050
7440-50-8	Copper	1.61		1	0.21	0.96	mg/Kg	05/06/25 12:05	05/07/25 15:36	SW6010	SW3050
7439-89-6	Iron	1650		1	3.82	4.78	mg/Kg	05/06/25 12:05	05/07/25 15:36	SW6010	SW3050
7439-92-1	Lead	2.91		1	0.12	0.57	mg/Kg	05/06/25 12:05	05/07/25 15:36	SW6010	SW3050
7439-95-4	Magnesium	198	N	1	11.5	95.6	mg/Kg	05/06/25 12:05	05/07/25 15:36	SW6010	SW3050
7439-96-5	Manganese	11.7		1	0.13	0.96	mg/Kg	05/06/25 12:05	05/07/25 15:36	SW6010	SW3050
7439-97-6	Mercury	0.014	U	1	0.0080	0.014	mg/Kg	05/05/25 14:54	05/05/25 15:34	SW7471B	
7440-02-0	Nickel	1.38	J	1	0.12	1.91	mg/Kg	05/06/25 12:05	05/07/25 15:36	SW6010	SW3050
7440-09-7	Potassium	98.2	*	1	26.5	95.6	mg/Kg	05/06/25 12:05	05/07/25 15:36	SW6010	SW3050
7782-49-2	Selenium	0.96	U	1	0.25	0.96	mg/Kg	05/06/25 12:05	05/07/25 15:36	SW6010	SW3050
7440-22-4	Silver	0.48	U	1	0.12	0.48	mg/Kg	05/06/25 12:05	05/07/25 15:36	SW6010	SW3050
7440-23-5	Sodium	1620	N*	1	17.0	95.6	mg/Kg	05/06/25 12:05	05/07/25 15:36	SW6010	SW3050
7440-28-0	Thallium	1.91	U	1	0.22	1.91	mg/Kg	05/06/25 12:05	05/07/25 15:36	SW6010	SW3050
7440-62-2	Vanadium	2.50		1	0.24	1.91	mg/Kg	05/06/25 12:05	05/07/25 15:36	SW6010	SW3050
7440-66-6	Zinc	6.53	*	1	0.22	1.91	mg/Kg	05/06/25 12:05	05/07/25 15:36	SW6010	SW3050

Color Before:	Gray	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