

Report of Analysis

Client:	CDM Smith	Date Collected:	05/02/25
Project:	Bergen Point Fueling System	Date Received:	05/02/25
Client Sample ID:	SB2-4-5	SDG No.:	Q1956
Lab Sample ID:	Q1956-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	93.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	834		1	0.83	4.93	mg/Kg	05/06/25 12:05	05/07/25 15:40	SW6010	SW3050
7440-36-0	Antimony	2.46	UN	1	0.22	2.46	mg/Kg	05/06/25 12:05	05/07/25 15:40	SW6010	SW3050
7440-38-2	Arsenic	0.93	J	1	0.19	0.99	mg/Kg	05/06/25 12:05	05/07/25 15:40	SW6010	SW3050
7440-39-3	Barium	1.99	J	1	0.72	4.93	mg/Kg	05/06/25 12:05	05/07/25 15:40	SW6010	SW3050
7440-41-7	Beryllium	0.067	J	1	0.025	0.30	mg/Kg	05/06/25 12:05	05/07/25 15:40	SW6010	SW3050
7440-43-9	Cadmium	0.30	U	1	0.024	0.30	mg/Kg	05/06/25 12:05	05/07/25 15:40	SW6010	SW3050
7440-70-2	Calcium	363		1	10.9	98.6	mg/Kg	05/06/25 12:05	05/07/25 15:40	SW6010	SW3050
7440-47-3	Chromium	2.65		1	0.046	0.49	mg/Kg	05/06/25 12:05	05/07/25 15:40	SW6010	SW3050
7440-48-4	Cobalt	0.52	J	1	0.099	1.48	mg/Kg	05/06/25 12:05	05/07/25 15:40	SW6010	SW3050
7440-50-8	Copper	1.60		1	0.22	0.99	mg/Kg	05/06/25 12:05	05/07/25 15:40	SW6010	SW3050
7439-89-6	Iron	1720		1	3.93	4.93	mg/Kg	05/06/25 12:05	05/07/25 15:40	SW6010	SW3050
7439-92-1	Lead	1.49		1	0.13	0.59	mg/Kg	05/06/25 12:05	05/07/25 15:40	SW6010	SW3050
7439-95-4	Magnesium	194	N	1	11.8	98.6	mg/Kg	05/06/25 12:05	05/07/25 15:40	SW6010	SW3050
7439-96-5	Manganese	10.8		1	0.14	0.99	mg/Kg	05/06/25 12:05	05/07/25 15:40	SW6010	SW3050
7439-97-6	Mercury	0.0080	J	1	0.0070	0.013	mg/Kg	05/05/25 14:54	05/05/25 15:37	SW7471B	
7440-02-0	Nickel	1.34	J	1	0.13	1.97	mg/Kg	05/06/25 12:05	05/07/25 15:40	SW6010	SW3050
7440-09-7	Potassium	116	*	1	27.3	98.6	mg/Kg	05/06/25 12:05	05/07/25 15:40	SW6010	SW3050
7782-49-2	Selenium	0.99	U	1	0.26	0.99	mg/Kg	05/06/25 12:05	05/07/25 15:40	SW6010	SW3050
7440-22-4	Silver	0.49	U	1	0.12	0.49	mg/Kg	05/06/25 12:05	05/07/25 15:40	SW6010	SW3050
7440-23-5	Sodium	495	N*	1	17.5	98.6	mg/Kg	05/06/25 12:05	05/07/25 15:40	SW6010	SW3050
7440-28-0	Thallium	1.97	U	1	0.23	1.97	mg/Kg	05/06/25 12:05	05/07/25 15:40	SW6010	SW3050
7440-62-2	Vanadium	2.21		1	0.25	1.97	mg/Kg	05/06/25 12:05	05/07/25 15:40	SW6010	SW3050
7440-66-6	Zinc	3.27	*	1	0.23	1.97	mg/Kg	05/06/25 12:05	05/07/25 15:40	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