

Report of Analysis

Client:	PSEG	Date Collected:	02/27/25
Project:	Central (Harrison) Gas Division Service MA00006789	Date Received:	02/27/25
Client Sample ID:	HR-0-02272025	SDG No.:	Q1457
Lab Sample ID:	Q1457-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	93.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4140		1	2.18	4.52	mg/Kg	02/28/25 08:35	03/03/25 21:21	SW6010	SW3050
7440-36-0	Antimony	0.14	UN	1	0.14	2.26	mg/Kg	02/28/25 08:35	03/03/25 21:21	SW6010	SW3050
7440-38-2	Arsenic	1.29		1	0.26	0.90	mg/Kg	02/28/25 08:35	03/03/25 21:21	SW6010	SW3050
7440-39-3	Barium	26.3		1	0.58	4.52	mg/Kg	02/28/25 08:35	03/03/25 21:21	SW6010	SW3050
7440-41-7	Beryllium	0.31		1	0.011	0.27	mg/Kg	02/28/25 08:35	03/03/25 21:21	SW6010	SW3050
7440-43-9	Cadmium	0.014	U	1	0.014	0.27	mg/Kg	02/28/25 08:35	03/03/25 21:21	SW6010	SW3050
7440-70-2	Calcium	5510		1	2.53	90.4	mg/Kg	02/28/25 08:35	03/03/25 21:21	SW6010	SW3050
7440-47-3	Chromium	8.78		1	0.049	0.45	mg/Kg	02/28/25 08:35	03/03/25 21:21	SW6010	SW3050
7440-48-4	Cobalt	4.79		1	0.052	1.36	mg/Kg	02/28/25 08:35	03/03/25 21:21	SW6010	SW3050
7440-50-8	Copper	23.0	N	1	0.43	0.90	mg/Kg	02/28/25 08:35	03/03/25 21:21	SW6010	SW3050
7439-89-6	Iron	9440	*	1	2.43	4.52	mg/Kg	02/28/25 08:35	03/03/25 21:21	SW6010	SW3050
7439-92-1	Lead	23.1		1	0.14	0.54	mg/Kg	02/28/25 08:35	03/03/25 21:21	SW6010	SW3050
7439-95-4	Magnesium	2290		1	3.10	90.4	mg/Kg	02/28/25 08:35	03/03/25 21:21	SW6010	SW3050
7439-96-5	Manganese	151		1	0.064	0.90	mg/Kg	02/28/25 08:35	03/03/25 21:21	SW6010	SW3050
7439-97-6	Mercury	0.026		1	0.0060	0.013	mg/Kg	03/03/25 10:52	03/03/25 11:46	SW7471B	
7440-02-0	Nickel	8.74		1	0.081	1.81	mg/Kg	02/28/25 08:35	03/03/25 21:21	SW6010	SW3050
7440-09-7	Potassium	355		1	26.0	90.4	mg/Kg	02/28/25 08:35	03/03/25 21:21	SW6010	SW3050
7782-49-2	Selenium	0.30	U	1	0.30	0.90	mg/Kg	02/28/25 08:35	03/03/25 21:21	SW6010	SW3050
7440-22-4	Silver	0.31	J	1	0.047	0.45	mg/Kg	02/28/25 08:35	03/03/25 21:21	SW6010	SW3050
7440-23-5	Sodium	540	N	1	32.7	90.4	mg/Kg	02/28/25 08:35	03/03/25 21:21	SW6010	SW3050
7440-28-0	Thallium	0.40	U	1	0.40	1.81	mg/Kg	02/28/25 08:35	03/03/25 21:21	SW6010	SW3050
7440-62-2	Vanadium	14.1		1	0.24	1.81	mg/Kg	02/28/25 08:35	03/03/25 21:21	SW6010	SW3050
7440-66-6	Zinc	24.3	N	1	0.099	1.81	mg/Kg	02/28/25 08:35	03/03/25 21:21	SW6010	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	Bayshore			

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