

Report of Analysis

Client:	PSEG	Date Collected:	01/17/25
Project:	Harding Sub	Date Received:	01/17/25
Client Sample ID:	HD-2-011725	SDG No.:	Q1132
Lab Sample ID:	Q1132-04	Matrix:	SOIL
Level (low/med):	low	% Solid:	86.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	10700		1	2.51	5.21	mg/Kg	01/20/25 10:30	01/21/25 13:10	SW6010	SW3050
7440-36-0	Antimony	0.19	JN	1	0.16	2.60	mg/Kg	01/20/25 10:30	01/21/25 13:10	SW6010	SW3050
7440-38-2	Arsenic	6.09		1	0.30	1.04	mg/Kg	01/20/25 10:30	01/21/25 13:10	SW6010	SW3050
7440-39-3	Barium	45.9	N	1	0.67	5.21	mg/Kg	01/20/25 10:30	01/21/25 13:10	SW6010	SW3050
7440-41-7	Beryllium	0.80		1	0.012	0.31	mg/Kg	01/20/25 10:30	01/21/25 13:10	SW6010	SW3050
7440-43-9	Cadmium	1.81		1	0.017	0.31	mg/Kg	01/20/25 10:30	01/21/25 13:10	SW6010	SW3050
7440-70-2	Calcium	2000		1	2.92	104	mg/Kg	01/20/25 10:30	01/21/25 13:10	SW6010	SW3050
7440-47-3	Chromium	12.0		1	0.056	0.52	mg/Kg	01/20/25 10:30	01/21/25 13:10	SW6010	SW3050
7440-48-4	Cobalt	16.8		1	0.060	1.56	mg/Kg	01/20/25 10:30	01/21/25 13:10	SW6010	SW3050
7440-50-8	Copper	23.0	N	1	0.49	1.04	mg/Kg	01/20/25 10:30	01/21/25 13:10	SW6010	SW3050
7439-89-6	Iron	19100		1	2.80	5.21	mg/Kg	01/20/25 10:30	01/21/25 13:10	SW6010	SW3050
7439-92-1	Lead	11.6		1	0.16	0.63	mg/Kg	01/20/25 10:30	01/21/25 13:10	SW6010	SW3050
7439-95-4	Magnesium	2320		1	3.57	104	mg/Kg	01/20/25 10:30	01/21/25 13:10	SW6010	SW3050
7439-96-5	Manganese	257		1	0.074	1.04	mg/Kg	01/20/25 10:30	01/21/25 13:10	SW6010	SW3050
7439-97-6	Mercury	0.033		1	0.0070	0.016	mg/Kg	01/20/25 13:11	01/20/25 14:54	SW7471B	
7440-02-0	Nickel	16.8		1	0.094	2.08	mg/Kg	01/20/25 10:30	01/21/25 13:10	SW6010	SW3050
7440-09-7	Potassium	910		1	29.9	104	mg/Kg	01/20/25 10:30	01/21/25 13:10	SW6010	SW3050
7782-49-2	Selenium	0.34	U	1	0.34	1.04	mg/Kg	01/20/25 10:30	01/21/25 13:10	SW6010	SW3050
7440-22-4	Silver	0.49	J	1	0.054	0.52	mg/Kg	01/20/25 10:30	01/21/25 13:10	SW6010	SW3050
7440-23-5	Sodium	454	N	1	37.6	104	mg/Kg	01/20/25 10:30	01/21/25 13:10	SW6010	SW3050
7440-28-0	Thallium	0.46	U	1	0.46	2.08	mg/Kg	01/20/25 10:30	01/21/25 13:10	SW6010	SW3050
7440-62-2	Vanadium	31.0		1	0.28	2.08	mg/Kg	01/20/25 10:30	01/21/25 13:10	SW6010	SW3050
7440-66-6	Zinc	30.9	N	1	0.12	2.08	mg/Kg	01/20/25 10:30	01/21/25 13:10	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