

Report of Analysis

Client:	PSEG	Date Collected:	01/17/25
Project:	Harding Sub	Date Received:	01/17/25
Client Sample ID:	HD-1-011725	SDG No.:	Q1132
Lab Sample ID:	Q1132-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	88.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	13800		1	2.57	5.32	mg/Kg	01/20/25 10:30	01/21/25 12:57	SW6010	SW3050
7440-36-0	Antimony	0.31	JN	1	0.16	2.66	mg/Kg	01/20/25 10:30	01/21/25 12:57	SW6010	SW3050
7440-38-2	Arsenic	21.0		1	0.31	1.06	mg/Kg	01/20/25 10:30	01/21/25 12:57	SW6010	SW3050
7440-39-3	Barium	57.9	N	1	0.68	5.32	mg/Kg	01/20/25 10:30	01/21/25 12:57	SW6010	SW3050
7440-41-7	Beryllium	0.97		1	0.013	0.32	mg/Kg	01/20/25 10:30	01/21/25 12:57	SW6010	SW3050
7440-43-9	Cadmium	2.85		1	0.017	0.32	mg/Kg	01/20/25 10:30	01/21/25 12:57	SW6010	SW3050
7440-70-2	Calcium	3640		1	2.98	106	mg/Kg	01/20/25 10:30	01/21/25 12:57	SW6010	SW3050
7440-47-3	Chromium	18.3		1	0.057	0.53	mg/Kg	01/20/25 10:30	01/21/25 12:57	SW6010	SW3050
7440-48-4	Cobalt	26.4		1	0.062	1.60	mg/Kg	01/20/25 10:30	01/21/25 12:57	SW6010	SW3050
7440-50-8	Copper	36.7	N	1	0.50	1.06	mg/Kg	01/20/25 10:30	01/21/25 12:57	SW6010	SW3050
7439-89-6	Iron	25300		1	2.86	5.32	mg/Kg	01/20/25 10:30	01/21/25 12:57	SW6010	SW3050
7439-92-1	Lead	7.07		1	0.16	0.64	mg/Kg	01/20/25 10:30	01/21/25 12:57	SW6010	SW3050
7439-95-4	Magnesium	3310		1	3.65	106	mg/Kg	01/20/25 10:30	01/21/25 12:57	SW6010	SW3050
7439-96-5	Manganese	235		1	0.076	1.06	mg/Kg	01/20/25 10:30	01/21/25 12:57	SW6010	SW3050
7439-97-6	Mercury	0.042		1	0.0060	0.014	mg/Kg	01/20/25 13:11	01/20/25 14:52	SW7471B	
7440-02-0	Nickel	20.2		1	0.096	2.13	mg/Kg	01/20/25 10:30	01/21/25 12:57	SW6010	SW3050
7440-09-7	Potassium	1550		1	30.6	106	mg/Kg	01/20/25 10:30	01/21/25 12:57	SW6010	SW3050
7782-49-2	Selenium	0.35	U	1	0.35	1.06	mg/Kg	01/20/25 10:30	01/21/25 12:57	SW6010	SW3050
7440-22-4	Silver	0.57		1	0.055	0.53	mg/Kg	01/20/25 10:30	01/21/25 12:57	SW6010	SW3050
7440-23-5	Sodium	272	N	1	38.4	106	mg/Kg	01/20/25 10:30	01/21/25 12:57	SW6010	SW3050
7440-28-0	Thallium	0.47	U	1	0.47	2.13	mg/Kg	01/20/25 10:30	01/21/25 12:57	SW6010	SW3050
7440-62-2	Vanadium	46.2		1	0.29	2.13	mg/Kg	01/20/25 10:30	01/21/25 12:57	SW6010	SW3050
7440-66-6	Zinc	23.1	N	1	0.12	2.13	mg/Kg	01/20/25 10:30	01/21/25 12:57	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