

Report of Analysis

Client:	PSEG	Date Collected:	10/07/25
Project:	Harts Lane Substation	Date Received:	10/07/25
Client Sample ID:	HL-WEST	SDG No.:	Q3303
Lab Sample ID:	Q3303-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	91.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6300		1	0.81	4.81	mg/Kg	10/08/25 10:30	10/09/25 15:34	6010D	SW3050
7440-36-0	Antimony	0.21	UN	1	0.21	2.41	mg/Kg	10/08/25 10:30	10/09/25 15:34	6010D	SW3050
7440-38-2	Arsenic	2.49		1	0.18	0.96	mg/Kg	10/08/25 10:30	10/09/25 15:34	6010D	SW3050
7440-39-3	Barium	14.4	N	1	0.70	4.81	mg/Kg	10/08/25 10:30	10/09/25 15:34	6010D	SW3050
7440-41-7	Beryllium	0.45		1	0.024	0.29	mg/Kg	10/08/25 10:30	10/09/25 15:34	6010D	SW3050
7440-43-9	Cadmium	0.32		1	0.023	0.29	mg/Kg	10/08/25 10:30	10/09/25 15:34	6010D	SW3050
7440-70-2	Calcium	1360		1	10.7	96.3	mg/Kg	10/08/25 10:30	10/09/25 15:34	6010D	SW3050
7440-47-3	Chromium	11.6		1	0.045	0.48	mg/Kg	10/08/25 10:30	10/09/25 15:34	6010D	SW3050
7440-48-4	Cobalt	4.23		1	0.096	1.44	mg/Kg	10/08/25 10:30	10/09/25 15:34	6010D	SW3050
7440-50-8	Copper	13.3	N	1	0.21	0.96	mg/Kg	10/08/25 10:30	10/09/25 15:34	6010D	SW3050
7439-89-6	Iron	13300		1	3.84	4.81	mg/Kg	10/08/25 10:30	10/09/25 15:34	6010D	SW3050
7439-92-1	Lead	5.44		1	0.13	0.58	mg/Kg	10/08/25 10:30	10/09/25 15:34	6010D	SW3050
7439-95-4	Magnesium	1310		1	11.6	96.3	mg/Kg	10/08/25 10:30	10/09/25 15:34	6010D	SW3050
7439-96-5	Manganese	64.0		1	0.14	0.96	mg/Kg	10/08/25 10:30	10/09/25 15:34	6010D	SW3050
7439-97-6	Mercury	0.0070	U	1	0.0070	0.013	mg/Kg	10/08/25 09:30	10/08/25 15:24	7471B	
7440-02-0	Nickel	7.43		1	0.13	1.93	mg/Kg	10/08/25 10:30	10/09/25 15:34	6010D	SW3050
7440-09-7	Potassium	266		1	26.7	96.3	mg/Kg	10/08/25 10:30	10/09/25 15:34	6010D	SW3050
7782-49-2	Selenium	0.25	U	1	0.25	0.96	mg/Kg	10/08/25 10:30	10/09/25 15:34	6010D	SW3050
7440-22-4	Silver	0.27	J	1	0.12	0.48	mg/Kg	10/08/25 10:30	10/09/25 15:34	6010D	SW3050
7440-23-5	Sodium	174	N	1	17.1	96.3	mg/Kg	10/08/25 10:30	10/09/25 15:34	6010D	SW3050
7440-28-0	Thallium	0.22	U	1	0.22	1.93	mg/Kg	10/08/25 10:30	10/09/25 15:34	6010D	SW3050
7440-62-2	Vanadium	18.7	N	1	0.24	1.93	mg/Kg	10/08/25 10:30	10/09/25 15:34	6010D	SW3050
7440-66-6	Zinc	15.4		1	0.22	1.93	mg/Kg	10/08/25 10:30	10/09/25 15:34	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
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