

Report of Analysis

Client:	PSEG	Date Collected:	10/07/25
Project:	Harts Lane Substation	Date Received:	10/07/25
Client Sample ID:	HL-EAST	SDG No.:	Q3303
Lab Sample ID:	Q3303-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	94

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6440		1	0.78	4.67	mg/Kg	10/08/25 10:30	10/09/25 15:38	6010D	SW3050
7440-36-0	Antimony	0.21	UN	1	0.21	2.33	mg/Kg	10/08/25 10:30	10/09/25 15:38	6010D	SW3050
7440-38-2	Arsenic	6.25		1	0.18	0.93	mg/Kg	10/08/25 10:30	10/09/25 15:38	6010D	SW3050
7440-39-3	Barium	14.3	N	1	0.68	4.67	mg/Kg	10/08/25 10:30	10/09/25 15:38	6010D	SW3050
7440-41-7	Beryllium	0.78		1	0.023	0.28	mg/Kg	10/08/25 10:30	10/09/25 15:38	6010D	SW3050
7440-43-9	Cadmium	0.67		1	0.022	0.28	mg/Kg	10/08/25 10:30	10/09/25 15:38	6010D	SW3050
7440-70-2	Calcium	1360		1	10.4	93.3	mg/Kg	10/08/25 10:30	10/09/25 15:38	6010D	SW3050
7440-47-3	Chromium	17.5		1	0.044	0.47	mg/Kg	10/08/25 10:30	10/09/25 15:38	6010D	SW3050
7440-48-4	Cobalt	8.20		1	0.093	1.40	mg/Kg	10/08/25 10:30	10/09/25 15:38	6010D	SW3050
7440-50-8	Copper	13.0	N	1	0.21	0.93	mg/Kg	10/08/25 10:30	10/09/25 15:38	6010D	SW3050
7439-89-6	Iron	18400		1	3.72	4.67	mg/Kg	10/08/25 10:30	10/09/25 15:38	6010D	SW3050
7439-92-1	Lead	10.3		1	0.12	0.56	mg/Kg	10/08/25 10:30	10/09/25 15:38	6010D	SW3050
7439-95-4	Magnesium	1220		1	11.2	93.3	mg/Kg	10/08/25 10:30	10/09/25 15:38	6010D	SW3050
7439-96-5	Manganese	112		1	0.13	0.93	mg/Kg	10/08/25 10:30	10/09/25 15:38	6010D	SW3050
7439-97-6	Mercury	0.013	J	1	0.0080	0.015	mg/Kg	10/08/25 09:30	10/08/25 15:31	7471B	
7440-02-0	Nickel	8.94		1	0.12	1.87	mg/Kg	10/08/25 10:30	10/09/25 15:38	6010D	SW3050
7440-09-7	Potassium	208		1	25.8	93.3	mg/Kg	10/08/25 10:30	10/09/25 15:38	6010D	SW3050
7782-49-2	Selenium	0.24	U	1	0.24	0.93	mg/Kg	10/08/25 10:30	10/09/25 15:38	6010D	SW3050
7440-22-4	Silver	0.11	U	1	0.11	0.47	mg/Kg	10/08/25 10:30	10/09/25 15:38	6010D	SW3050
7440-23-5	Sodium	77.3	JN	1	16.6	93.3	mg/Kg	10/08/25 10:30	10/09/25 15:38	6010D	SW3050
7440-28-0	Thallium	0.22	U	1	0.22	1.87	mg/Kg	10/08/25 10:30	10/09/25 15:38	6010D	SW3050
7440-62-2	Vanadium	29.8	N	1	0.23	1.87	mg/Kg	10/08/25 10:30	10/09/25 15:38	6010D	SW3050
7440-66-6	Zinc	20.7		1	0.22	1.87	mg/Kg	10/08/25 10:30	10/09/25 15:38	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