

Report of Analysis

Client:	PSEG	Date Collected:	01/15/25
Project:	Roseland Switch	Date Received:	01/15/25
Client Sample ID:	RT-3407	SDG No.:	Q1093
Lab Sample ID:	Q1093-01	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	4970		1	2.15	4.47	mg/Kg	01/16/25 09:10	01/17/25 16:12	SW6010	SW3050
7440-36-0	Antimony	0.22	JN	1	0.13	2.23	mg/Kg	01/16/25 09:10	01/17/25 16:12	SW6010	SW3050
7440-38-2	Arsenic	4.91		1	0.26	0.89	mg/Kg	01/16/25 09:10	01/17/25 16:12	SW6010	SW3050
7440-39-3	Barium	28.5	N	1	0.57	4.47	mg/Kg	01/16/25 09:10	01/17/25 16:12	SW6010	SW3050
7440-41-7	Beryllium	0.36	N	1	0.011	0.27	mg/Kg	01/16/25 09:10	01/17/25 16:12	SW6010	SW3050
7440-43-9	Cadmium	0.18	J	1	0.014	0.27	mg/Kg	01/16/25 09:10	01/17/25 16:12	SW6010	SW3050
7440-70-2	Calcium	2100		1	2.50	89.3	mg/Kg	01/16/25 09:10	01/17/25 16:12	SW6010	SW3050
7440-47-3	Chromium	12.9		1	0.048	0.45	mg/Kg	01/16/25 09:10	01/17/25 16:12	SW6010	SW3050
7440-48-4	Cobalt	6.23		1	0.052	1.34	mg/Kg	01/16/25 09:10	01/17/25 16:12	SW6010	SW3050
7440-50-8	Copper	26.1		1	0.42	0.89	mg/Kg	01/16/25 09:10	01/17/25 16:12	SW6010	SW3050
7439-89-6	Iron	10800		1	2.40	4.47	mg/Kg	01/16/25 09:10	01/17/25 16:12	SW6010	SW3050
7439-92-1	Lead	96.6	N	1	0.13	0.54	mg/Kg	01/16/25 09:10	01/17/25 16:12	SW6010	SW3050
7439-95-4	Magnesium	1790		1	3.06	89.3	mg/Kg	01/16/25 09:10	01/17/25 16:12	SW6010	SW3050
7439-96-5	Manganese	191		1	0.063	0.89	mg/Kg	01/16/25 09:10	01/17/25 16:12	SW6010	SW3050
7439-97-6	Mercury	0.084		1	0.0060	0.013	mg/Kg	01/17/25 08:09	01/17/25 09:19	SW7471B	
7440-02-0	Nickel	13.0		1	0.080	1.79	mg/Kg	01/16/25 09:10	01/17/25 16:12	SW6010	SW3050
7440-09-7	Potassium	360		1	25.6	89.3	mg/Kg	01/16/25 09:10	01/17/25 16:12	SW6010	SW3050
7782-49-2	Selenium	0.30	UN	1	0.30	0.89	mg/Kg	01/16/25 09:10	01/17/25 16:12	SW6010	SW3050
7440-22-4	Silver	0.046	U	1	0.046	0.45	mg/Kg	01/16/25 09:10	01/17/25 16:12	SW6010	SW3050
7440-23-5	Sodium	143		1	32.2	89.3	mg/Kg	01/16/25 09:10	01/17/25 16:12	SW6010	SW3050
7440-28-0	Thallium	0.39	U	1	0.39	1.79	mg/Kg	01/16/25 09:10	01/17/25 16:12	SW6010	SW3050
7440-62-2	Vanadium	19.4	N	1	0.24	1.79	mg/Kg	01/16/25 09:10	01/17/25 16:12	SW6010	SW3050
7440-66-6	Zinc	83.0		1	0.098	1.79	mg/Kg	01/16/25 09:10	01/17/25 16:12	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