

Report of Analysis

Client:	PSEG	Date Collected:	06/04/25
Project:	Roseland Switch	Date Received:	06/04/25
Client Sample ID:	RBR251425	SDG No.:	Q2214
Lab Sample ID:	Q2214-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	63.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5940		1	1.12	6.68	mg/Kg	06/05/25 10:55	06/05/25 21:02	6010D	SW3050
7440-36-0	Antimony	0.29	U	1	0.29	3.34	mg/Kg	06/05/25 10:55	06/05/25 21:02	6010D	SW3050
7440-38-2	Arsenic	5.49		1	0.25	1.34	mg/Kg	06/05/25 10:55	06/05/25 21:02	6010D	SW3050
7440-39-3	Barium	70.6		1	0.98	6.68	mg/Kg	06/05/25 10:55	06/05/25 21:02	6010D	SW3050
7440-41-7	Beryllium	0.43		1	0.033	0.40	mg/Kg	06/05/25 10:55	06/05/25 21:02	6010D	SW3050
7440-43-9	Cadmium	0.39	J	1	0.032	0.40	mg/Kg	06/05/25 10:55	06/05/25 21:02	6010D	SW3050
7440-70-2	Calcium	3590		1	14.8	134	mg/Kg	06/05/25 10:55	06/05/25 21:02	6010D	SW3050
7440-47-3	Chromium	11.2		1	0.063	0.67	mg/Kg	06/05/25 10:55	06/05/25 21:02	6010D	SW3050
7440-48-4	Cobalt	5.40		1	0.13	2.00	mg/Kg	06/05/25 10:55	06/05/25 21:02	6010D	SW3050
7440-50-8	Copper	36.3		1	0.29	1.34	mg/Kg	06/05/25 10:55	06/05/25 21:02	6010D	SW3050
7439-89-6	Iron	13300		1	5.33	6.68	mg/Kg	06/05/25 10:55	06/05/25 21:02	6010D	SW3050
7439-92-1	Lead	152		1	0.17	0.80	mg/Kg	06/05/25 10:55	06/05/25 21:02	6010D	SW3050
7439-95-4	Magnesium	2320		1	16.0	134	mg/Kg	06/05/25 10:55	06/05/25 21:02	6010D	SW3050
7439-96-5	Manganese	330		1	0.19	1.34	mg/Kg	06/05/25 10:55	06/05/25 21:02	6010D	SW3050
7439-97-6	Mercury	0.11		1	0.012	0.021	mg/Kg	06/05/25 11:28	06/05/25 18:15	7471B	
7440-02-0	Nickel	13.4		1	0.17	2.67	mg/Kg	06/05/25 10:55	06/05/25 21:02	6010D	SW3050
7440-09-7	Potassium	422		1	37.0	134	mg/Kg	06/05/25 10:55	06/05/25 21:02	6010D	SW3050
7782-49-2	Selenium	0.54	J	1	0.35	1.34	mg/Kg	06/05/25 10:55	06/05/25 21:02	6010D	SW3050
7440-22-4	Silver	0.80		1	0.16	0.67	mg/Kg	06/05/25 10:55	06/05/25 21:02	6010D	SW3050
7440-23-5	Sodium	525		1	23.8	134	mg/Kg	06/05/25 10:55	06/05/25 21:02	6010D	SW3050
7440-28-0	Thallium	0.31	U	1	0.31	2.67	mg/Kg	06/05/25 10:55	06/05/25 21:02	6010D	SW3050
7440-62-2	Vanadium	17.1		1	0.33	2.67	mg/Kg	06/05/25 10:55	06/05/25 21:02	6010D	SW3050
7440-66-6	Zinc	86.5		1	0.31	2.67	mg/Kg	06/05/25 10:55	06/05/25 21:02	6010D	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