

Report of Analysis

Client:	PSEG	Date Collected:	06/03/25
Project:	Kearny Switch	Date Received:	06/03/25
Client Sample ID:	72-11978	SDG No.:	Q2199
Lab Sample ID:	Q2199-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	91.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5460		1	0.79	4.70	mg/Kg	06/04/25 10:20	06/05/25 18:07	6010D	SW3050
7440-36-0	Antimony	2.35	UN	1	0.21	2.35	mg/Kg	06/04/25 10:20	06/05/25 18:07	6010D	SW3050
7440-38-2	Arsenic	2.64		1	0.18	0.94	mg/Kg	06/04/25 10:20	06/05/25 18:07	6010D	SW3050
7440-39-3	Barium	32.5	N	1	0.69	4.70	mg/Kg	06/04/25 10:20	06/05/25 18:07	6010D	SW3050
7440-41-7	Beryllium	0.40	N	1	0.023	0.28	mg/Kg	06/04/25 10:20	06/05/25 18:07	6010D	SW3050
7440-43-9	Cadmium	0.55	*	1	0.023	0.28	mg/Kg	06/04/25 10:20	06/05/25 18:07	6010D	SW3050
7440-70-2	Calcium	1100		1	10.4	93.9	mg/Kg	06/04/25 10:20	06/05/25 18:07	6010D	SW3050
7440-47-3	Chromium	10.2	N	1	0.044	0.47	mg/Kg	06/04/25 10:20	06/05/25 18:07	6010D	SW3050
7440-48-4	Cobalt	5.29		1	0.094	1.41	mg/Kg	06/04/25 10:20	06/05/25 18:07	6010D	SW3050
7440-50-8	Copper	20.2	N	1	0.21	0.94	mg/Kg	06/04/25 10:20	06/05/25 18:07	6010D	SW3050
7439-89-6	Iron	12100		1	3.75	4.70	mg/Kg	06/04/25 10:20	06/05/25 18:07	6010D	SW3050
7439-92-1	Lead	23.4		1	0.12	0.56	mg/Kg	06/04/25 10:20	06/05/25 18:07	6010D	SW3050
7439-95-4	Magnesium	1700		1	11.3	93.9	mg/Kg	06/04/25 10:20	06/05/25 18:07	6010D	SW3050
7439-96-5	Manganese	322		1	0.13	0.94	mg/Kg	06/04/25 10:20	06/05/25 18:07	6010D	SW3050
7439-97-6	Mercury	0.049	N	1	0.0080	0.014	mg/Kg	06/04/25 08:15	06/04/25 16:17	7471B	
7440-02-0	Nickel	11.0		1	0.12	1.88	mg/Kg	06/04/25 10:20	06/05/25 18:07	6010D	SW3050
7440-09-7	Potassium	519	N*	1	26.0	93.9	mg/Kg	06/04/25 10:20	06/05/25 18:07	6010D	SW3050
7782-49-2	Selenium	0.34	J	1	0.24	0.94	mg/Kg	06/04/25 10:20	06/05/25 18:07	6010D	SW3050
7440-22-4	Silver	0.57	N	1	0.11	0.47	mg/Kg	06/04/25 10:20	06/05/25 18:07	6010D	SW3050
7440-23-5	Sodium	182	N*	1	16.7	93.9	mg/Kg	06/04/25 10:20	06/05/25 18:07	6010D	SW3050
7440-28-0	Thallium	1.88	U	1	0.22	1.88	mg/Kg	06/04/25 10:20	06/05/25 18:07	6010D	SW3050
7440-62-2	Vanadium	18.9		1	0.24	1.88	mg/Kg	06/04/25 10:20	06/05/25 18:07	6010D	SW3050
7440-66-6	Zinc	52.0	N	1	0.22	1.88	mg/Kg	06/04/25 10:20	06/05/25 18:07	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	METALS TAL+CN			

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