

Report of Analysis

Client:	PSEG	Date Collected:	06/03/25
Project:	Kearny Switch	Date Received:	06/03/25
Client Sample ID:	ETGI-343	SDG No.:	Q2199
Lab Sample ID:	Q2199-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	83.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6080		1	0.94	5.57	mg/Kg	06/04/25 10:20	06/05/25 17:59	6010D	SW3050
7440-36-0	Antimony	2.78	UN	1	0.25	2.78	mg/Kg	06/04/25 10:20	06/05/25 17:59	6010D	SW3050
7440-38-2	Arsenic	3.62		1	0.21	1.11	mg/Kg	06/04/25 10:20	06/05/25 17:59	6010D	SW3050
7440-39-3	Barium	38.4	N	1	0.81	5.57	mg/Kg	06/04/25 10:20	06/05/25 17:59	6010D	SW3050
7440-41-7	Beryllium	0.39	N	1	0.028	0.33	mg/Kg	06/04/25 10:20	06/05/25 17:59	6010D	SW3050
7440-43-9	Cadmium	0.35	*	1	0.027	0.33	mg/Kg	06/04/25 10:20	06/05/25 17:59	6010D	SW3050
7440-70-2	Calcium	1060		1	12.4	111	mg/Kg	06/04/25 10:20	06/05/25 17:59	6010D	SW3050
7440-47-3	Chromium	9.58	N	1	0.052	0.56	mg/Kg	06/04/25 10:20	06/05/25 17:59	6010D	SW3050
7440-48-4	Cobalt	4.32		1	0.11	1.67	mg/Kg	06/04/25 10:20	06/05/25 17:59	6010D	SW3050
7440-50-8	Copper	26.3	N	1	0.25	1.11	mg/Kg	06/04/25 10:20	06/05/25 17:59	6010D	SW3050
7439-89-6	Iron	11900		1	4.44	5.57	mg/Kg	06/04/25 10:20	06/05/25 17:59	6010D	SW3050
7439-92-1	Lead	47.4		1	0.14	0.67	mg/Kg	06/04/25 10:20	06/05/25 17:59	6010D	SW3050
7439-95-4	Magnesium	1150		1	13.4	111	mg/Kg	06/04/25 10:20	06/05/25 17:59	6010D	SW3050
7439-96-5	Manganese	252		1	0.16	1.11	mg/Kg	06/04/25 10:20	06/05/25 17:59	6010D	SW3050
7439-97-6	Mercury	0.15	N	1	0.0090	0.016	mg/Kg	06/04/25 08:15	06/04/25 16:13	7471B	
7440-02-0	Nickel	9.15		1	0.14	2.23	mg/Kg	06/04/25 10:20	06/05/25 17:59	6010D	SW3050
7440-09-7	Potassium	350	N*	1	30.9	111	mg/Kg	06/04/25 10:20	06/05/25 17:59	6010D	SW3050
7782-49-2	Selenium	0.79	J	1	0.29	1.11	mg/Kg	06/04/25 10:20	06/05/25 17:59	6010D	SW3050
7440-22-4	Silver	0.95	N	1	0.13	0.56	mg/Kg	06/04/25 10:20	06/05/25 17:59	6010D	SW3050
7440-23-5	Sodium	124	N*	1	19.8	111	mg/Kg	06/04/25 10:20	06/05/25 17:59	6010D	SW3050
7440-28-0	Thallium	2.23	U	1	0.26	2.23	mg/Kg	06/04/25 10:20	06/05/25 17:59	6010D	SW3050
7440-62-2	Vanadium	15.5		1	0.28	2.23	mg/Kg	06/04/25 10:20	06/05/25 17:59	6010D	SW3050
7440-66-6	Zinc	97.0	N	1	0.26	2.23	mg/Kg	06/04/25 10:20	06/05/25 17:59	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