

Report of Analysis

Client:	PSEG	Date Collected:	05/29/25
Project:	Irvington Sub HQ	Date Received:	05/29/25
Client Sample ID:	446	SDG No.:	Q2155
Lab Sample ID:	Q2155-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	92.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8250	OR	1	0.29	1.60	mg/Kg	05/30/25 10:20	06/04/25 04:11	6020B	SW3050
7440-36-0	Antimony	0.16	U	1	0.036	0.16	mg/Kg	05/30/25 10:20	06/04/25 04:11	6020B	SW3050
7440-38-2	Arsenic	0.72		1	0.010	0.080	mg/Kg	05/30/25 10:20	06/04/25 04:11	6020B	SW3050
7440-39-3	Barium	41.6		1	0.026	0.80	mg/Kg	05/30/25 10:20	06/04/25 04:11	6020B	SW3050
7440-41-7	Beryllium	4.19		1	0.026	0.080	mg/Kg	05/30/25 10:20	06/04/25 04:11	6020B	SW3050
7440-43-9	Cadmium	0.46		1	0.014	0.080	mg/Kg	05/30/25 10:20	06/04/25 04:11	6020B	SW3050
7440-70-2	Calcium	6250		1	3.82	39.9	mg/Kg	05/30/25 10:20	06/04/25 04:11	6020B	SW3050
7440-47-3	Chromium	32.0		1	0.021	0.16	mg/Kg	05/30/25 10:20	06/04/25 04:11	6020B	SW3050
7440-48-4	Cobalt	10.9		1	0.0070	0.080	mg/Kg	05/30/25 10:20	06/04/25 04:11	6020B	SW3050
7440-50-8	Copper	8.41		1	0.052	0.16	mg/Kg	05/30/25 10:20	06/04/25 04:11	6020B	SW3050
7439-89-6	Iron	11600		1	0.73	3.99	mg/Kg	05/30/25 10:20	06/04/25 04:11	6020B	SW3050
7439-92-1	Lead	5.69		1	0.026	0.080	mg/Kg	05/30/25 10:20	06/04/25 04:11	6020B	SW3050
7439-95-4	Magnesium	9870		1	1.54	39.9	mg/Kg	05/30/25 10:20	06/04/25 04:11	6020B	SW3050
7439-96-5	Manganese	178		1	0.027	0.080	mg/Kg	05/30/25 10:20	06/04/25 04:11	6020B	SW3050
7439-97-6	Mercury	0.015	U	1	0.0080	0.015	mg/Kg	05/30/25 08:35	05/30/25 13:49	7471B	
7440-02-0	Nickel	17.0		1	0.034	0.080	mg/Kg	05/30/25 10:20	06/04/25 04:11	6020B	SW3050
7440-09-7	Potassium	1370		1	3.06	39.9	mg/Kg	05/30/25 10:20	06/04/25 04:11	6020B	SW3050
7782-49-2	Selenium	0.61		1	0.22	0.40	mg/Kg	05/30/25 10:20	06/04/25 04:11	6020B	SW3050
7440-22-4	Silver	0.033	J	1	0.021	0.080	mg/Kg	05/30/25 10:20	06/04/25 04:11	6020B	SW3050
7440-23-5	Sodium	196		1	5.60	39.9	mg/Kg	05/30/25 10:20	06/04/25 04:11	6020B	SW3050
7440-28-0	Thallium	0.16		1	0.011	0.080	mg/Kg	05/30/25 10:20	06/04/25 04:11	6020B	SW3050
7440-62-2	Vanadium	33.7		1	0.0090	0.40	mg/Kg	05/30/25 10:20	06/04/25 04:11	6020B	SW3050
7440-66-6	Zinc	44.0		1	0.072	0.40	mg/Kg	05/30/25 10:20	06/04/25 04:11	6020B	SW3050

Color Before:	Gray	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	METALS-TAL			

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