

Report of Analysis

Client:	PSEG	Date Collected:	05/29/25
Project:	Irvington Sub HQ	Date Received:	05/29/25
Client Sample ID:	447-SOLID	SDG No.:	Q2155
Lab Sample ID:	Q2155-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	48.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8070		1	0.53	2.96	mg/Kg	05/30/25 10:20	06/04/25 04:14	6020B	SW3050
7440-36-0	Antimony	0.30	U	1	0.067	0.30	mg/Kg	05/30/25 10:20	06/04/25 04:14	6020B	SW3050
7440-38-2	Arsenic	0.82		1	0.018	0.15	mg/Kg	05/30/25 10:20	06/04/25 04:14	6020B	SW3050
7440-39-3	Barium	36.9		1	0.049	1.48	mg/Kg	05/30/25 10:20	06/04/25 04:14	6020B	SW3050
7440-41-7	Beryllium	4.37		1	0.047	0.15	mg/Kg	05/30/25 10:20	06/04/25 04:14	6020B	SW3050
7440-43-9	Cadmium	0.42		1	0.027	0.15	mg/Kg	05/30/25 10:20	06/04/25 04:14	6020B	SW3050
7440-70-2	Calcium	6100		1	7.08	73.9	mg/Kg	05/30/25 10:20	06/04/25 04:14	6020B	SW3050
7440-47-3	Chromium	30.2		1	0.038	0.30	mg/Kg	05/30/25 10:20	06/04/25 04:14	6020B	SW3050
7440-48-4	Cobalt	12.8		1	0.013	0.15	mg/Kg	05/30/25 10:20	06/04/25 04:14	6020B	SW3050
7440-50-8	Copper	4.76		1	0.096	0.30	mg/Kg	05/30/25 10:20	06/04/25 04:14	6020B	SW3050
7439-89-6	Iron	8270		1	1.36	7.39	mg/Kg	05/30/25 10:20	06/04/25 04:14	6020B	SW3050
7439-92-1	Lead	6.26		1	0.047	0.15	mg/Kg	05/30/25 10:20	06/04/25 04:14	6020B	SW3050
7439-95-4	Magnesium	9820		1	2.85	73.9	mg/Kg	05/30/25 10:20	06/04/25 04:14	6020B	SW3050
7439-96-5	Manganese	141		1	0.050	0.15	mg/Kg	05/30/25 10:20	06/04/25 04:14	6020B	SW3050
7439-97-6	Mercury	0.025	U	1	0.014	0.025	mg/Kg	05/30/25 08:35	05/30/25 13:51	7471B	
7440-02-0	Nickel	15.6		1	0.064	0.15	mg/Kg	05/30/25 10:20	06/04/25 04:14	6020B	SW3050
7440-09-7	Potassium	1480		1	5.68	73.9	mg/Kg	05/30/25 10:20	06/04/25 04:14	6020B	SW3050
7782-49-2	Selenium	1.02		1	0.41	0.74	mg/Kg	05/30/25 10:20	06/04/25 04:14	6020B	SW3050
7440-22-4	Silver	0.046	J	1	0.038	0.15	mg/Kg	05/30/25 10:20	06/04/25 04:14	6020B	SW3050
7440-23-5	Sodium	762		1	10.4	73.9	mg/Kg	05/30/25 10:20	06/04/25 04:14	6020B	SW3050
7440-28-0	Thallium	0.20		1	0.021	0.15	mg/Kg	05/30/25 10:20	06/04/25 04:14	6020B	SW3050
7440-62-2	Vanadium	35.9		1	0.016	0.74	mg/Kg	05/30/25 10:20	06/04/25 04:14	6020B	SW3050
7440-66-6	Zinc	40.5		1	0.13	0.74	mg/Kg	05/30/25 10:20	06/04/25 04:14	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