

Report of Analysis

Client:	PSEG	Date Collected:	08/13/25
Project:	Irvington Sub HQ	Date Received:	08/13/25
Client Sample ID:	#454	SDG No.:	Q2855
Lab Sample ID:	Q2855-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	339		1	0.76	4.52	mg/Kg	08/14/25 10:20	08/15/25 13:18	6010D	SW3050
7440-36-0	Antimony	11.6	N	1	0.20	2.26	mg/Kg	08/14/25 10:20	08/15/25 13:18	6010D	SW3050
7440-38-2	Arsenic	0.29	J	1	0.17	0.91	mg/Kg	08/14/25 10:20	08/15/25 13:18	6010D	SW3050
7440-39-3	Barium	156	N	1	0.66	4.52	mg/Kg	08/14/25 10:20	08/15/25 13:18	6010D	SW3050
7440-41-7	Beryllium	0.045	JN	1	0.023	0.27	mg/Kg	08/14/25 10:20	08/15/25 13:18	6010D	SW3050
7440-43-9	Cadmium	0.13	J	1	0.022	0.27	mg/Kg	08/14/25 10:20	08/15/25 13:18	6010D	SW3050
7440-70-2	Calcium	1450	*	1	10.1	90.5	mg/Kg	08/14/25 10:20	08/15/25 13:18	6010D	SW3050
7440-47-3	Chromium	9.88		1	0.043	0.45	mg/Kg	08/14/25 10:20	08/15/25 13:18	6010D	SW3050
7440-48-4	Cobalt	0.39	J	1	0.090	1.36	mg/Kg	08/14/25 10:20	08/15/25 13:18	6010D	SW3050
7440-50-8	Copper	18.3		1	0.20	0.91	mg/Kg	08/14/25 10:20	08/15/25 13:18	6010D	SW3050
7439-89-6	Iron	2180		1	3.61	4.52	mg/Kg	08/14/25 10:20	08/15/25 13:18	6010D	SW3050
7439-92-1	Lead	1.44	N	1	0.12	0.54	mg/Kg	08/14/25 10:20	08/15/25 13:18	6010D	SW3050
7439-95-4	Magnesium	383		1	10.9	90.5	mg/Kg	08/14/25 10:20	08/15/25 13:18	6010D	SW3050
7439-96-5	Manganese	19.5	*	1	0.13	0.91	mg/Kg	08/14/25 10:20	08/15/25 13:18	6010D	SW3050
7439-97-6	Mercury	0.013	U	1	0.0070	0.013	mg/Kg	08/14/25 10:30	08/14/25 14:14	7471B	
7440-02-0	Nickel	5.49		1	0.12	1.81	mg/Kg	08/14/25 10:20	08/15/25 13:18	6010D	SW3050
7440-09-7	Potassium	122		1	25.1	90.5	mg/Kg	08/14/25 10:20	08/15/25 13:18	6010D	SW3050
7782-49-2	Selenium	0.91	U	1	0.24	0.91	mg/Kg	08/14/25 10:20	08/15/25 13:18	6010D	SW3050
7440-22-4	Silver	0.17	J	1	0.11	0.45	mg/Kg	08/14/25 10:20	08/15/25 13:18	6010D	SW3050
7440-23-5	Sodium	1500	N	1	16.1	90.5	mg/Kg	08/14/25 10:20	08/15/25 13:18	6010D	SW3050
7440-28-0	Thallium	1.81	U	1	0.21	1.81	mg/Kg	08/14/25 10:20	08/15/25 13:18	6010D	SW3050
7440-62-2	Vanadium	0.73	JN	1	0.23	1.81	mg/Kg	08/14/25 10:20	08/15/25 13:18	6010D	SW3050
7440-66-6	Zinc	141		1	0.21	1.81	mg/Kg	08/14/25 10:20	08/15/25 13:18	6010D	SW3050

Color Before:	Brown	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