

Report of Analysis

Client:	PSEG	Date Collected:	03/13/25
Project:	Irvington Sub HQ	Date Received:	03/13/25
Client Sample ID:	437	SDG No.:	Q1563
Lab Sample ID:	Q1563-01	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	3310	D	5	9.70	100	ug/L	03/17/25 18:05	03/20/25 18:12	SW6020	3010A
7440-36-0	Antimony	1.30	JD	5	0.55	10.0	ug/L	03/17/25 18:05	03/20/25 18:12	SW6020	3010A
7440-38-2	Arsenic	1.90	JD	5	0.45	5.00	ug/L	03/17/25 18:05	03/20/25 18:12	SW6020	3010A
7440-39-3	Barium	214	D	5	1.05	50.0	ug/L	03/17/25 18:05	03/20/25 18:12	SW6020	3010A
7440-41-7	Beryllium	5.00	UD	5	1.60	5.00	ug/L	03/17/25 18:05	03/20/25 18:12	SW6020	3010A
7440-43-9	Cadmium	5.00	UD	5	1.70	5.00	ug/L	03/17/25 18:05	03/20/25 18:12	SW6020	3010A
7440-70-2	Calcium	86900	D	5	229	2500	ug/L	03/17/25 18:05	03/20/25 18:12	SW6020	3010A
7440-47-3	Chromium	21.3	D	5	1.05	10.0	ug/L	03/17/25 18:05	03/20/25 18:12	SW6020	3010A
7440-48-4	Cobalt	4.55	JD	5	0.35	5.00	ug/L	03/17/25 18:05	03/20/25 18:12	SW6020	3010A
7440-50-8	Copper	42.8	D	5	1.50	10.0	ug/L	03/17/25 18:05	03/20/25 18:12	SW6020	3010A
7439-89-6	Iron	259000	D	5	39.1	250	ug/L	03/17/25 18:05	03/20/25 18:12	SW6020	3010A
7439-92-1	Lead	6.45	D	5	1.05	5.00	ug/L	03/17/25 18:05	03/20/25 18:12	SW6020	3010A
7439-95-4	Magnesium	4020	D	5	97.5	2500	ug/L	03/17/25 18:05	03/20/25 18:12	SW6020	3010A
7439-96-5	Manganese	1140	D	5	2.15	5.00	ug/L	03/17/25 18:05	03/20/25 18:12	SW6020	3010A
7439-97-6	Mercury	0.46		1	0.076	0.20	ug/L	03/18/25 13:25	03/18/25 14:14	SW7470A	
7440-02-0	Nickel	15.3	D	5	1.35	5.00	ug/L	03/17/25 18:05	03/20/25 18:12	SW6020	3010A
7440-09-7	Potassium	14700	D	5	182	2500	ug/L	03/17/25 18:05	03/20/25 18:12	SW6020	3010A
7782-49-2	Selenium	110	D	5	14.5	25.0	ug/L	03/17/25 18:05	03/20/25 18:12	SW6020	3010A
7440-22-4	Silver	0.30	JD	5	0.30	5.00	ug/L	03/17/25 18:05	03/20/25 18:12	SW6020	3010A
7440-23-5	Sodium	4130000	D	50	6400	25000	ug/L	03/17/25 18:05	03/20/25 18:33	SW6020	3010A
7440-28-0	Thallium	0.65	JD	5	0.30	5.00	ug/L	03/17/25 18:05	03/20/25 18:12	SW6020	3010A
7440-62-2	Vanadium	9.25	JD	5	0.39	25.0	ug/L	03/17/25 18:05	03/20/25 18:12	SW6020	3010A
7440-66-6	Zinc	1060	D	5	6.25	25.0	ug/L	03/17/25 18:05	03/20/25 18:12	SW6020	3010A

Color Before:	Brown	Clarity Before:	Clear	Texture:
Color After:	Yellow	Clarity After:	Clear	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