

Report of Analysis

Client: PSEG
Project: Irvington - Metro Electric Division Sub HQ
Client Sample ID: 465
Lab Sample ID: Q3500-04
Level (low/med): low

Date Collected: 10/30/25
Date Received: 10/30/25
SDG No.: Q3500
Matrix: Water
% Solid: 0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	2760	DN	5	28.4	250	ug/L	10/31/25 12:35	11/03/25 16:25	6010D	SW3010
7440-36-0	Antimony	344	D	5	16.9	125	ug/L	10/31/25 12:35	11/03/25 16:25	6010D	SW3010
7440-38-2	Arsenic	297	D	5	12.8	50.0	ug/L	10/31/25 12:35	11/03/25 16:25	6010D	SW3010
7440-39-3	Barium	250	UD	5	36.4	250	ug/L	10/31/25 12:35	11/03/25 16:25	6010D	SW3010
7440-41-7	Beryllium	15.0	UD	5	1.40	15.0	ug/L	10/31/25 12:35	11/03/25 16:25	6010D	SW3010
7440-43-9	Cadmium	15.0	UD	5	1.25	15.0	ug/L	10/31/25 12:35	11/03/25 16:25	6010D	SW3010
7440-70-2	Calcium	12300	D	5	585	5000	ug/L	10/31/25 12:35	11/03/25 16:25	6010D	SW3010
7440-47-3	Chromium	24.0	JD	5	5.30	25.0	ug/L	10/31/25 12:35	11/03/25 16:25	6010D	SW3010
7440-48-4	Cobalt	75.0	UD	5	5.65	75.0	ug/L	10/31/25 12:35	11/03/25 16:25	6010D	SW3010
7440-50-8	Copper	598	D	5	11.5	50.0	ug/L	10/31/25 12:35	11/03/25 16:25	6010D	SW3010
7439-89-6	Iron	1370	D	5	58.5	250	ug/L	10/31/25 12:35	11/03/25 16:25	6010D	SW3010
7439-92-1	Lead	143	D	5	5.75	30.0	ug/L	10/31/25 12:35	11/03/25 16:25	6010D	SW3010
7439-95-4	Magnesium	2610	JD	5	610	5000	ug/L	10/31/25 12:35	11/03/25 16:25	6010D	SW3010
7439-96-5	Manganese	230	D*	5	14.9	50.0	ug/L	10/31/25 12:35	11/03/25 16:25	6010D	SW3010
7439-97-6	Mercury	0.20	U	1	0.076	0.20	ug/L	10/31/25 08:35	11/03/25 11:01	7470A	
7440-02-0	Nickel	28.9	JD	5	7.65	100	ug/L	10/31/25 12:35	11/03/25 16:25	6010D	SW3010
7440-09-7	Potassium	2670000	DN	5	2300	5000	ug/L	10/31/25 12:35	11/03/25 16:25	6010D	SW3010
7782-49-2	Selenium	569	D	5	24.1	50.0	ug/L	10/31/25 12:35	11/03/25 16:25	6010D	SW3010
7440-22-4	Silver	5.01	JD	5	4.05	25.0	ug/L	10/31/25 12:35	11/03/25 16:25	6010D	SW3010
7440-23-5	Sodium	1980000	D	5	2170	5000	ug/L	10/31/25 12:35	11/03/25 16:25	6010D	SW3010
7440-28-0	Thallium	463	D	5	10.9	100	ug/L	10/31/25 12:35	11/03/25 16:25	6010D	SW3010
7440-62-2	Vanadium	100	UD	5	15.7	100	ug/L	10/31/25 12:35	11/03/25 16:25	6010D	SW3010
7440-66-6	Zinc	1290	D	5	41.7	100	ug/L	10/31/25 12:35	11/03/25 16:25	6010D	SW3010

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