

Report of Analysis

Client: PSEG
Project: Roseland M&R
Client Sample ID: A748
Lab Sample ID: Q3398-01
Level (low/med): low

Date Collected: 10/20/25
Date Received: 10/20/25
SDG No.: Q3398
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	787	D	5	28.4	250	ug/L	10/21/25 16:10	10/23/25 14:41	6010D	SW3010
7440-36-0	Antimony	859	D	5	16.9	125	ug/L	10/21/25 16:10	10/23/25 14:41	6010D	SW3010
7440-38-2	Arsenic	178	D	5	12.8	50.0	ug/L	10/21/25 16:10	10/23/25 14:41	6010D	SW3010
7440-39-3	Barium	250	UD	5	36.4	250	ug/L	10/21/25 16:10	10/23/25 14:41	6010D	SW3010
7440-41-7	Beryllium	15.0	UD	5	1.40	15.0	ug/L	10/21/25 16:10	10/23/25 14:41	6010D	SW3010
7440-43-9	Cadmium	15.0	UD	5	1.25	15.0	ug/L	10/21/25 16:10	10/23/25 14:41	6010D	SW3010
7440-70-2	Calcium	1210	JD	5	585	5000	ug/L	10/21/25 16:10	10/23/25 14:41	6010D	SW3010
7440-47-3	Chromium	1740	D	5	5.30	25.0	ug/L	10/21/25 16:10	10/23/25 14:41	6010D	SW3010
7440-48-4	Cobalt	75.0	UD	5	5.65	75.0	ug/L	10/21/25 16:10	10/23/25 14:41	6010D	SW3010
7440-50-8	Copper	356	D	5	11.5	50.0	ug/L	10/21/25 16:10	10/23/25 14:41	6010D	SW3010
7439-89-6	Iron	2280	D	5	58.5	250	ug/L	10/21/25 16:10	10/23/25 14:41	6010D	SW3010
7439-92-1	Lead	30.0	UD	5	5.75	30.0	ug/L	10/21/25 16:10	10/23/25 14:41	6010D	SW3010
7439-95-4	Magnesium	5000	UD	5	610	5000	ug/L	10/21/25 16:10	10/23/25 14:41	6010D	SW3010
7439-96-5	Manganese	50.0	UD	5	14.9	50.0	ug/L	10/21/25 16:10	10/23/25 14:41	6010D	SW3010
7439-97-6	Mercury	0.20	U	1	0.076	0.20	ug/L	10/21/25 12:55	10/21/25 17:36	7470A	
7440-02-0	Nickel	67.0	JD	5	7.65	100	ug/L	10/21/25 16:10	10/23/25 14:41	6010D	SW3010
7440-09-7	Potassium	14400	D	5	2300	5000	ug/L	10/21/25 16:10	10/23/25 14:41	6010D	SW3010
7782-49-2	Selenium	50.0	UD	5	24.1	50.0	ug/L	10/21/25 16:10	10/23/25 14:41	6010D	SW3010
7440-22-4	Silver	25.0	UD	5	4.05	25.0	ug/L	10/21/25 16:10	10/23/25 14:41	6010D	SW3010
7440-23-5	Sodium	638000	D	5	2170	5000	ug/L	10/21/25 16:10	10/23/25 14:41	6010D	SW3010
7440-28-0	Thallium	3080	D	5	10.9	100	ug/L	10/21/25 16:10	10/23/25 14:41	6010D	SW3010
7440-62-2	Vanadium	100	UD	5	15.7	100	ug/L	10/21/25 16:10	10/23/25 14:41	6010D	SW3010
7440-66-6	Zinc	100	UD	5	41.7	100	ug/L	10/21/25 16:10	10/23/25 14:41	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