

Report of Analysis

Client:	PSEG	Date Collected:	06/18/25
Project:	Fairlawn Substation	Date Received:	06/18/25
Client Sample ID:	FAIRLAWN-SUMP	SDG No.:	Q2351
Lab Sample ID:	Q2351-01	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	3110		1	11.3	100	ug/L	06/19/25 10:10	06/23/25 18:07	6010D	SW3010
7440-36-0	Antimony	50.0	U	1	6.76	50.0	ug/L	06/19/25 10:10	06/23/25 18:07	6010D	SW3010
7440-38-2	Arsenic	20.0	U	1	5.12	20.0	ug/L	06/19/25 10:10	06/23/25 18:07	6010D	SW3010
7440-39-3	Barium	32.9	J	1	14.6	100	ug/L	06/19/25 10:10	06/23/25 18:07	6010D	SW3010
7440-41-7	Beryllium	6.00	U	1	0.56	6.00	ug/L	06/19/25 10:10	06/23/25 18:07	6010D	SW3010
7440-43-9	Cadmium	6.00	U	1	0.50	6.00	ug/L	06/19/25 10:10	06/23/25 18:07	6010D	SW3010
7440-70-2	Calcium	13000		1	234	2000	ug/L	06/19/25 10:10	06/23/25 18:07	6010D	SW3010
7440-47-3	Chromium	12.7		1	2.12	10.0	ug/L	06/19/25 10:10	06/23/25 18:07	6010D	SW3010
7440-48-4	Cobalt	13.6	J	1	2.26	30.0	ug/L	06/19/25 10:10	06/23/25 18:07	6010D	SW3010
7440-50-8	Copper	86.0		1	4.60	20.0	ug/L	06/19/25 10:10	06/23/25 18:07	6010D	SW3010
7439-89-6	Iron	3260		1	23.4	100	ug/L	06/19/25 10:10	06/23/25 18:07	6010D	SW3010
7439-92-1	Lead	35.0		1	2.30	12.0	ug/L	06/19/25 10:10	06/23/25 18:07	6010D	SW3010
7439-95-4	Magnesium	1950	J	1	244	2000	ug/L	06/19/25 10:10	06/23/25 18:07	6010D	SW3010
7439-96-5	Manganese	149		1	5.94	20.0	ug/L	06/19/25 10:10	06/23/25 18:07	6010D	SW3010
7439-97-6	Mercury	0.20	UN	1	0.076	0.20	ug/L	06/20/25 15:15	06/23/25 13:21	7470A	
7440-02-0	Nickel	5.42	J	1	3.06	40.0	ug/L	06/19/25 10:10	06/23/25 18:07	6010D	SW3010
7440-09-7	Potassium	1010	J	1	918	2000	ug/L	06/19/25 10:10	06/23/25 18:07	6010D	SW3010
7782-49-2	Selenium	20.0	U	1	9.64	20.0	ug/L	06/19/25 10:10	06/23/25 18:07	6010D	SW3010
7440-22-4	Silver	3.51	J	1	1.62	10.0	ug/L	06/19/25 10:10	06/23/25 18:07	6010D	SW3010
7440-23-5	Sodium	11300		1	868	2000	ug/L	06/19/25 10:10	06/23/25 18:07	6010D	SW3010
7440-28-0	Thallium	40.0	U	1	4.38	40.0	ug/L	06/19/25 10:10	06/23/25 18:07	6010D	SW3010
7440-62-2	Vanadium	10.8	J	1	6.26	40.0	ug/L	06/19/25 10:10	06/23/25 18:07	6010D	SW3010
7440-66-6	Zinc	253		1	3.50	40.0	ug/L	06/19/25 10:10	06/23/25 18:07	6010D	SW3010

Color Before:	Brown	Clarity Before:	Cloudy	Texture:
Color After:	Light Brown	Clarity After:	Clear	Artifacts:
Comments:	LORCO			

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