

Report of Analysis

Client:	PSEG	Date Collected:	11/27/24
Project:	Livingston Ave - Jack and Bore	Date Received:	11/27/24
Client Sample ID:	286127	SDG No.:	P5031
Lab Sample ID:	P5031-01	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	25000		1	28.3	50.0	ug/L	12/02/24 11:35	12/03/24 18:31	SW6010	SW3010
7440-36-0	Antimony	2.60	JN	1	2.06	25.0	ug/L	12/02/24 11:35	12/03/24 18:31	SW6010	SW3010
7440-38-2	Arsenic	13.2		1	3.48	10.0	ug/L	12/02/24 11:35	12/03/24 18:31	SW6010	SW3010
7440-39-3	Barium	179	N	1	6.28	50.0	ug/L	12/02/24 11:35	12/03/24 18:31	SW6010	SW3010
7440-41-7	Beryllium	2.72	J	1	0.13	3.00	ug/L	12/02/24 11:35	12/03/24 18:31	SW6010	SW3010
7440-43-9	Cadmium	15.3		1	0.094	3.00	ug/L	12/02/24 11:35	12/03/24 18:31	SW6010	SW3010
7440-70-2	Calcium	34100		1	33.0	1000	ug/L	12/02/24 11:35	12/03/24 18:31	SW6010	SW3010
7440-47-3	Chromium	95.9		1	0.66	5.00	ug/L	12/02/24 11:35	12/03/24 18:31	SW6010	SW3010
7440-48-4	Cobalt	34.8		1	0.50	15.0	ug/L	12/02/24 11:35	12/03/24 18:31	SW6010	SW3010
7440-50-8	Copper	77.8	N	1	7.07	10.0	ug/L	12/02/24 11:35	12/03/24 18:31	SW6010	SW3010
7439-89-6	Iron	191000		1	18.5	50.0	ug/L	12/02/24 11:35	12/03/24 18:31	SW6010	SW3010
7439-92-1	Lead	70.2		1	3.51	6.00	ug/L	12/02/24 11:35	12/03/24 18:31	SW6010	SW3010
7439-95-4	Magnesium	12400		1	39.4	1000	ug/L	12/02/24 11:35	12/03/24 18:31	SW6010	SW3010
7439-96-5	Manganese	2790		1	1.46	10.0	ug/L	12/02/24 11:35	12/03/24 18:31	SW6010	SW3010
7439-97-6	Mercury	0.25		1	0.081	0.20	ug/L	12/03/24 07:40	12/03/24 11:58	SW7470A	
7440-02-0	Nickel	72.0		1	0.85	20.0	ug/L	12/02/24 11:35	12/03/24 18:31	SW6010	SW3010
7440-09-7	Potassium	6420		1	685	1000	ug/L	12/02/24 11:35	12/03/24 18:31	SW6010	SW3010
7782-49-2	Selenium	10.0	U	1	5.88	10.0	ug/L	12/02/24 11:35	12/03/24 18:31	SW6010	SW3010
7440-22-4	Silver	5.00	U	1	0.58	5.00	ug/L	12/02/24 11:35	12/03/24 18:31	SW6010	SW3010
7440-23-5	Sodium	616000		1	237	1000	ug/L	12/02/24 11:35	12/03/24 18:31	SW6010	SW3010
7440-28-0	Thallium	3.37	J	1	2.32	20.0	ug/L	12/02/24 11:35	12/03/24 18:31	SW6010	SW3010
7440-62-2	Vanadium	187	N	1	3.06	20.0	ug/L	12/02/24 11:35	12/03/24 18:31	SW6010	SW3010
7440-66-6	Zinc	134		1	1.75	20.0	ug/L	12/02/24 11:35	12/03/24 18:31	SW6010	SW3010

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