

Report of Analysis

Client:	PSEG	Date Collected:	11/13/24
Project:	Hillsdale OP	Date Received:	11/13/24
Client Sample ID:	T3-WATER	SDG No.:	P4836
Lab Sample ID:	P4836-01	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	38500		1	56.6	100	ug/L	11/14/24 10:15	11/14/24 22:54	SW6010	SW3010
7440-36-0	Antimony	10.3	J	1	4.12	50.0	ug/L	11/14/24 10:15	11/14/24 22:54	SW6010	SW3010
7440-38-2	Arsenic	19.8	J	1	6.96	20.0	ug/L	11/14/24 10:15	11/14/24 22:54	SW6010	SW3010
7440-39-3	Barium	292		1	12.6	100	ug/L	11/14/24 10:15	11/14/24 22:54	SW6010	SW3010
7440-41-7	Beryllium	3.55	J	1	0.26	6.00	ug/L	11/14/24 10:15	11/14/24 22:54	SW6010	SW3010
7440-43-9	Cadmium	5.19	J	1	0.19	6.00	ug/L	11/14/24 10:15	11/14/24 22:54	SW6010	SW3010
7440-70-2	Calcium	69100		1	66.0	2000	ug/L	11/14/24 10:15	11/14/24 22:54	SW6010	SW3010
7440-47-3	Chromium	49.2		1	1.32	10.0	ug/L	11/14/24 10:15	11/14/24 22:54	SW6010	SW3010
7440-48-4	Cobalt	22.5	J	1	1.00	30.0	ug/L	11/14/24 10:15	11/14/24 22:54	SW6010	SW3010
7440-50-8	Copper	561		1	14.1	20.0	ug/L	11/14/24 10:15	11/14/24 22:54	SW6010	SW3010
7439-89-6	Iron	46900		1	37.0	100	ug/L	11/14/24 10:15	11/14/24 22:54	SW6010	SW3010
7439-92-1	Lead	104		1	7.02	12.0	ug/L	11/14/24 10:15	11/14/24 22:54	SW6010	SW3010
7439-95-4	Magnesium	15100		1	78.8	2000	ug/L	11/14/24 10:15	11/14/24 22:54	SW6010	SW3010
7439-96-5	Manganese	779		1	2.92	20.0	ug/L	11/14/24 10:15	11/14/24 22:54	SW6010	SW3010
7439-97-6	Mercury	0.20	U	1	0.081	0.20	ug/L	11/14/24 11:16	11/14/24 14:44	SW7470A	
7440-02-0	Nickel	69.3		1	1.70	40.0	ug/L	11/14/24 10:15	11/14/24 22:54	SW6010	SW3010
7440-09-7	Potassium	15400		1	1370	2000	ug/L	11/14/24 10:15	11/14/24 22:54	SW6010	SW3010
7782-49-2	Selenium	20.0	U	1	11.8	20.0	ug/L	11/14/24 10:15	11/14/24 22:54	SW6010	SW3010
7440-22-4	Silver	1.35	J	1	1.16	10.0	ug/L	11/14/24 10:15	11/14/24 22:54	SW6010	SW3010
7440-23-5	Sodium	26300		1	474	2000	ug/L	11/14/24 10:15	11/14/24 22:54	SW6010	SW3010
7440-28-0	Thallium	40.0	U	1	4.64	40.0	ug/L	11/14/24 10:15	11/14/24 22:54	SW6010	SW3010
7440-62-2	Vanadium	53.9		1	6.12	40.0	ug/L	11/14/24 10:15	11/14/24 22:54	SW6010	SW3010
7440-66-6	Zinc	1410		1	3.50	40.0	ug/L	11/14/24 10:15	11/14/24 22:54	SW6010	SW3010

Color Before:	Light Brown	Clarity Before:	Cloudy	Texture:
Color After:	Yellow	Clarity After:	Cloudy	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