

Report of Analysis

Client:	PSEG	Date Collected:	10/23/24
Project:	Hackensack Sub HQ	Date Received:	10/23/24
Client Sample ID:	266	SDG No.:	P5230
Lab Sample ID:	P5230-01	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	1920	D	5	9.90	100	ug/L	12/12/24 11:05	12/12/24 15:27	SW6020	3010A
7440-36-0	Antimony	13.1	DN	5	0.55	10.0	ug/L	12/12/24 11:05	12/12/24 15:27	SW6020	3010A
7440-38-2	Arsenic	191	DN	5	0.45	5.00	ug/L	12/12/24 11:05	12/12/24 15:27	SW6020	3010A
7440-39-3	Barium	153	D	5	1.50	50.0	ug/L	12/12/24 11:05	12/12/24 15:27	SW6020	3010A
7440-41-7	Beryllium	5.00	UDN	5	0.80	5.00	ug/L	12/12/24 11:05	12/12/24 15:27	SW6020	3010A
7440-43-9	Cadmium	91.4	D	5	1.50	5.00	ug/L	12/12/24 11:05	12/12/24 15:27	SW6020	3010A
7440-70-2	Calcium	11900	D	5	313	2500	ug/L	12/12/24 11:05	12/12/24 15:27	SW6020	3010A
7440-47-3	Chromium	16.3	D	5	2.00	10.0	ug/L	12/12/24 11:05	12/12/24 15:27	SW6020	3010A
7440-48-4	Cobalt	0.75	JD	5	0.31	5.00	ug/L	12/12/24 11:05	12/12/24 15:27	SW6020	3010A
7440-50-8	Copper	356	D	5	2.00	10.0	ug/L	12/12/24 11:05	12/12/24 15:27	SW6020	3010A
7439-89-6	Iron	581	D	5	48.0	250	ug/L	12/12/24 11:05	12/12/24 15:27	SW6020	3010A
7439-92-1	Lead	10.1	D	5	0.55	5.00	ug/L	12/12/24 11:05	12/12/24 15:27	SW6020	3010A
7439-95-4	Magnesium	1270	JD	5	133	2500	ug/L	12/12/24 11:05	12/12/24 15:27	SW6020	3010A
7439-96-5	Manganese	163	D	5	1.20	5.00	ug/L	12/12/24 11:05	12/12/24 15:27	SW6020	3010A
7439-97-6	Mercury	0.20	UN	1	0.081	0.20	ug/L	12/13/24 07:55	12/13/24 12:05	SW7470A	
7440-02-0	Nickel	11.4	D*	5	0.90	5.00	ug/L	12/12/24 11:05	12/12/24 15:27	SW6020	3010A
7440-09-7	Potassium	1500000	D	25	1150	12500	ug/L	12/12/24 11:05	12/12/24 16:18	SW6020	3010A
7782-49-2	Selenium	98.2	DN*	5	6.90	25.0	ug/L	12/12/24 11:05	12/12/24 15:27	SW6020	3010A
7440-22-4	Silver	5.00	UDN	5	0.39	5.00	ug/L	12/12/24 11:05	12/12/24 15:27	SW6020	3010A
7440-23-5	Sodium	2720000	D	25	2150	12500	ug/L	12/12/24 11:05	12/12/24 16:18	SW6020	3010A
7440-28-0	Thallium	1.70	JD	5	0.43	5.00	ug/L	12/12/24 11:05	12/12/24 15:27	SW6020	3010A
7440-62-2	Vanadium	8.25	JD	5	0.36	25.0	ug/L	12/12/24 11:05	12/12/24 15:27	SW6020	3010A
7440-66-6	Zinc	1530	D	5	2.80	25.0	ug/L	12/12/24 11:05	12/12/24 15:27	SW6020	3010A

Color Before:	Pink	Clarity Before:	Clear	Texture:
Color After:	Orange	Clarity After:	Clear	Artifacts:
Comments:	METALS-TAL			

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