

Report of Analysis

Client:	PSEG	Date Collected:	11/11/24
Project:	Hackensack Sub HQ	Date Received:	11/11/24
Client Sample ID:	270	SDG No.:	P5231
Lab Sample ID:	P5231-01	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	1140	D	5	9.90	100	ug/L	12/12/24 11:05	12/12/24 16:03	SW6020	3010A
7440-36-0	Antimony	11.7	DN	5	0.55	10.0	ug/L	12/12/24 11:05	12/12/24 16:03	SW6020	3010A
7440-38-2	Arsenic	201	DN	5	0.45	5.00	ug/L	12/12/24 11:05	12/12/24 16:03	SW6020	3010A
7440-39-3	Barium	81.1	D	5	1.50	50.0	ug/L	12/12/24 11:05	12/12/24 16:03	SW6020	3010A
7440-41-7	Beryllium	5.00	UDN	5	0.80	5.00	ug/L	12/12/24 11:05	12/12/24 16:03	SW6020	3010A
7440-43-9	Cadmium	47.1	D	5	1.50	5.00	ug/L	12/12/24 11:05	12/12/24 16:03	SW6020	3010A
7440-70-2	Calcium	31400	D	5	313	2500	ug/L	12/12/24 11:05	12/12/24 16:03	SW6020	3010A
7440-47-3	Chromium	17.7	D	5	2.00	10.0	ug/L	12/12/24 11:05	12/12/24 16:03	SW6020	3010A
7440-48-4	Cobalt	0.50	JD	5	0.31	5.00	ug/L	12/12/24 11:05	12/12/24 16:03	SW6020	3010A
7440-50-8	Copper	2140	D	5	2.00	10.0	ug/L	12/12/24 11:05	12/12/24 16:03	SW6020	3010A
7439-89-6	Iron	351	D	5	48.0	250	ug/L	12/12/24 11:05	12/12/24 16:03	SW6020	3010A
7439-92-1	Lead	33.3	D	5	0.55	5.00	ug/L	12/12/24 11:05	12/12/24 16:03	SW6020	3010A
7439-95-4	Magnesium	6180	D	5	133	2500	ug/L	12/12/24 11:05	12/12/24 16:03	SW6020	3010A
7439-96-5	Manganese	669	D	5	1.20	5.00	ug/L	12/12/24 11:05	12/12/24 16:03	SW6020	3010A
7439-97-6	Mercury	0.20	UN	1	0.081	0.20	ug/L	12/13/24 07:55	12/13/24 12:07	SW7470A	
7440-02-0	Nickel	2.10	JD*	5	0.90	5.00	ug/L	12/12/24 11:05	12/12/24 16:03	SW6020	3010A
7440-09-7	Potassium	3540000	D	25	1150	12500	ug/L	12/12/24 11:05	12/12/24 16:39	SW6020	3010A
7782-49-2	Selenium	157	DN*	5	6.90	25.0	ug/L	12/12/24 11:05	12/12/24 16:03	SW6020	3010A
7440-22-4	Silver	5.00	UDN	5	0.39	5.00	ug/L	12/12/24 11:05	12/12/24 16:03	SW6020	3010A
7440-23-5	Sodium	1430000	D	5	429	2500	ug/L	12/12/24 11:05	12/12/24 16:03	SW6020	3010A
7440-28-0	Thallium	1.20	JD	5	0.43	5.00	ug/L	12/12/24 11:05	12/12/24 16:03	SW6020	3010A
7440-62-2	Vanadium	9.70	JD	5	0.36	25.0	ug/L	12/12/24 11:05	12/12/24 16:03	SW6020	3010A
7440-66-6	Zinc	4430	D	5	2.80	25.0	ug/L	12/12/24 11:05	12/12/24 16:03	SW6020	3010A

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