

Report of Analysis

Client:	PSEG	Date Collected:	06/25/25
Project:	414 Grand Street Gas Pipe Repair	Date Received:	06/25/25
Client Sample ID:	VAC-TRUCK-4074	SDG No.:	Q2418
Lab Sample ID:	Q2418-01	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	5550	D	5	56.7	500	ug/L	06/27/25 10:05	06/27/25 17:07	6010D	SW3010
7440-36-0	Antimony	250	UD	5	33.8	250	ug/L	06/27/25 10:05	06/27/25 17:07	6010D	SW3010
7440-38-2	Arsenic	100	UD	5	25.6	100	ug/L	06/27/25 10:05	06/27/25 17:07	6010D	SW3010
7440-39-3	Barium	90.7	JD	5	72.8	500	ug/L	06/27/25 10:05	06/27/25 17:07	6010D	SW3010
7440-41-7	Beryllium	30.0	UD	5	2.80	30.0	ug/L	06/27/25 10:05	06/27/25 17:07	6010D	SW3010
7440-43-9	Cadmium	30.0	UD	5	2.50	30.0	ug/L	06/27/25 10:05	06/27/25 17:07	6010D	SW3010
7440-70-2	Calcium	96800	D	5	1170	10000	ug/L	06/27/25 10:05	06/27/25 17:07	6010D	SW3010
7440-47-3	Chromium	32.2	JD	5	10.6	50.0	ug/L	06/27/25 10:05	06/27/25 17:07	6010D	SW3010
7440-48-4	Cobalt	150	UD	5	11.3	150	ug/L	06/27/25 10:05	06/27/25 17:07	6010D	SW3010
7440-50-8	Copper	294	D	5	23.0	100	ug/L	06/27/25 10:05	06/27/25 17:07	6010D	SW3010
7439-89-6	Iron	15100	D	5	117	500	ug/L	06/27/25 10:05	06/27/25 17:07	6010D	SW3010
7439-92-1	Lead	82.2	D	5	11.5	60.0	ug/L	06/27/25 10:05	06/27/25 17:07	6010D	SW3010
7439-95-4	Magnesium	19500	D	5	1220	10000	ug/L	06/27/25 10:05	06/27/25 17:07	6010D	SW3010
7439-96-5	Manganese	1290	D	5	29.7	100	ug/L	06/27/25 10:05	06/27/25 17:07	6010D	SW3010
7439-97-6	Mercury	0.34	*	1	0.076	0.20	ug/L	06/30/25 09:15	06/30/25 10:46	7470A	
7439-98-7	Molybdenum	1000	UD	5	93.7	1000	ug/L	06/27/25 10:05	06/27/25 17:07	6010D	SW3010
7440-02-0	Nickel	34.9	JD	5	15.3	200	ug/L	06/27/25 10:05	06/27/25 17:07	6010D	SW3010
7440-09-7	Potassium	14500	D	5	4590	10000	ug/L	06/27/25 10:05	06/27/25 17:07	6010D	SW3010
7782-49-2	Selenium	100	UD	5	48.2	100	ug/L	06/27/25 10:05	06/27/25 17:07	6010D	SW3010
7440-22-4	Silver	50.0	UD	5	8.10	50.0	ug/L	06/27/25 10:05	06/27/25 17:07	6010D	SW3010
7440-23-5	Sodium	285000	D	5	4340	10000	ug/L	06/27/25 10:05	06/27/25 17:07	6010D	SW3010
7440-28-0	Thallium	200	UD	5	21.9	200	ug/L	06/27/25 10:05	06/27/25 17:07	6010D	SW3010
7440-62-2	Vanadium	35.9	JD	5	31.3	200	ug/L	06/27/25 10:05	06/27/25 17:07	6010D	SW3010
7440-66-6	Zinc	202	D	5	83.3	200	ug/L	06/27/25 10:05	06/27/25 17:07	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Cloudy	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Full Aqueous WC-POTW			

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