

Report of Analysis

Client:	PSEG	Date Collected:	05/16/25
Project:	Plank Road Substation	Date Received:	05/16/25
Client Sample ID:	VACTRUCK-728068	SDG No.:	Q2065
Lab Sample ID:	Q2065-01	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	175000		1	5.67	50.0	ug/L	05/20/25 10:05	05/21/25 14:30	6010D	SW3010
7440-36-0	Antimony	8.67	J	1	3.38	25.0	ug/L	05/20/25 10:05	05/21/25 14:30	6010D	SW3010
7440-38-2	Arsenic	110		1	2.56	10.0	ug/L	05/20/25 10:05	05/21/25 14:30	6010D	SW3010
7440-39-3	Barium	2450		1	7.28	50.0	ug/L	05/20/25 10:05	05/21/25 14:30	6010D	SW3010
7440-41-7	Beryllium	11.6		1	0.28	3.00	ug/L	05/20/25 10:05	05/21/25 14:30	6010D	SW3010
7440-43-9	Cadmium	99.2		1	0.25	3.00	ug/L	05/20/25 10:05	05/21/25 14:30	6010D	SW3010
7440-70-2	Calcium	4060000	D	20	2340	20000	ug/L	05/20/25 10:05	05/21/25 15:53	6010D	SW3010
7440-47-3	Chromium	514		1	1.06	5.00	ug/L	05/20/25 10:05	05/21/25 14:30	6010D	SW3010
7440-48-4	Cobalt	301		1	1.13	15.0	ug/L	05/20/25 10:05	05/21/25 14:30	6010D	SW3010
7440-50-8	Copper	1310		1	2.30	10.0	ug/L	05/20/25 10:05	05/21/25 14:30	6010D	SW3010
7439-89-6	Iron	408000		1	11.7	50.0	ug/L	05/20/25 10:05	05/21/25 14:30	6010D	SW3010
7439-92-1	Lead	2450		1	1.15	6.00	ug/L	05/20/25 10:05	05/21/25 14:30	6010D	SW3010
7439-95-4	Magnesium	265000		1	122	1000	ug/L	05/20/25 10:05	05/21/25 14:30	6010D	SW3010
7439-96-5	Manganese	7880		1	2.97	10.0	ug/L	05/20/25 10:05	05/21/25 14:30	6010D	SW3010
7439-97-6	Mercury	2.34	N	1	0.076	0.20	ug/L	05/20/25 07:30	05/20/25 11:29	7470A	
7439-98-7	Molybdenum	69.5	J	1	9.37	100	ug/L	05/20/25 10:05	05/21/25 14:30	6010D	SW3010
7440-02-0	Nickel	615		1	1.53	20.0	ug/L	05/20/25 10:05	05/21/25 14:30	6010D	SW3010
7440-09-7	Potassium	38200		1	459	1000	ug/L	05/20/25 10:05	05/21/25 14:30	6010D	SW3010
7782-49-2	Selenium	10.0	U	1	4.82	10.0	ug/L	05/20/25 10:05	05/21/25 14:30	6010D	SW3010
7440-22-4	Silver	5.00	U	1	0.81	5.00	ug/L	05/20/25 10:05	05/21/25 14:30	6010D	SW3010
7440-23-5	Sodium	251000		1	434	1000	ug/L	05/20/25 10:05	05/21/25 14:30	6010D	SW3010
7440-28-0	Thallium	20.0	U	1	2.19	20.0	ug/L	05/20/25 10:05	05/21/25 14:30	6010D	SW3010
7440-62-2	Vanadium	461		1	3.13	20.0	ug/L	05/20/25 10:05	05/21/25 14:30	6010D	SW3010
7440-66-6	Zinc	7150		1	8.33	20.0	ug/L	05/20/25 10:05	05/21/25 14:30	6010D	SW3010

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