

Report of Analysis

Client: PSEG
Project: PSEG Bayway Switching Station
Client Sample ID: VNJ-208
Lab Sample ID: Q3631-03
Level (low/med): low

Date Collected: 11/13/25
Date Received: 11/13/25
SDG No.: Q3631
Matrix: SOIL
% Solid: 87.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7360		1	0.81	4.85	mg/Kg	11/14/25 13:05	11/17/25 15:11	6010D	SW3050
7440-36-0	Antimony	0.21	UN	1	0.21	2.42	mg/Kg	11/14/25 13:05	11/17/25 15:11	6010D	SW3050
7440-38-2	Arsenic	2.93		1	0.18	0.97	mg/Kg	11/14/25 13:05	11/17/25 15:11	6010D	SW3050
7440-39-3	Barium	44.0		1	0.71	4.85	mg/Kg	11/14/25 13:05	11/17/25 15:11	6010D	SW3050
7440-41-7	Beryllium	0.51		1	0.024	0.29	mg/Kg	11/14/25 13:05	11/17/25 15:11	6010D	SW3050
7440-43-9	Cadmium	0.96		1	0.023	0.29	mg/Kg	11/14/25 13:05	11/17/25 15:11	6010D	SW3050
7440-70-2	Calcium	2350		1	10.8	97.0	mg/Kg	11/14/25 13:05	11/17/25 15:11	6010D	SW3050
7440-47-3	Chromium	12.1		1	0.046	0.49	mg/Kg	11/14/25 13:05	11/17/25 15:11	6010D	SW3050
7440-48-4	Cobalt	6.99		1	0.097	1.45	mg/Kg	11/14/25 13:05	11/17/25 15:11	6010D	SW3050
7440-50-8	Copper	15.9	N	1	0.21	0.97	mg/Kg	11/14/25 13:05	11/17/25 15:11	6010D	SW3050
7439-89-6	Iron	13700		1	3.87	4.85	mg/Kg	11/14/25 13:05	11/17/25 15:11	6010D	SW3050
7439-92-1	Lead	40.4		1	0.13	0.58	mg/Kg	11/14/25 13:05	11/17/25 15:11	6010D	SW3050
7439-95-4	Magnesium	3320		1	11.6	97.0	mg/Kg	11/14/25 13:05	11/17/25 15:11	6010D	SW3050
7439-96-5	Manganese	227		1	0.14	0.97	mg/Kg	11/14/25 13:05	11/17/25 15:11	6010D	SW3050
7439-97-6	Mercury	0.083	N	1	0.0090	0.015	mg/Kg	11/14/25 11:40	11/14/25 13:59	7471B	
7440-02-0	Nickel	15.6		1	0.13	1.94	mg/Kg	11/14/25 13:05	11/17/25 15:11	6010D	SW3050
7440-09-7	Potassium	1020	N	1	26.9	97.0	mg/Kg	11/14/25 13:05	11/17/25 15:11	6010D	SW3050
7782-49-2	Selenium	0.33	J	1	0.25	0.97	mg/Kg	11/14/25 13:05	11/17/25 15:11	6010D	SW3050
7440-22-4	Silver	0.12	UN	1	0.12	0.49	mg/Kg	11/14/25 13:05	11/17/25 15:11	6010D	SW3050
7440-23-5	Sodium	236		1	17.3	97.0	mg/Kg	11/14/25 13:05	11/17/25 15:11	6010D	SW3050
7440-28-0	Thallium	0.78	J	1	0.22	1.94	mg/Kg	11/14/25 13:05	11/17/25 15:11	6010D	SW3050
7440-62-2	Vanadium	19.4		1	0.24	1.94	mg/Kg	11/14/25 13:05	11/17/25 15:11	6010D	SW3050
7440-66-6	Zinc	57.1		1	0.22	1.94	mg/Kg	11/14/25 13:05	11/17/25 15:11	6010D	SW3050

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