

Report of Analysis

Client: PSEG
Project: PSEG Onyx- STL
Client Sample ID: TP-6
Lab Sample ID: Q3412-01
Level (low/med): low

Date Collected: 10/20/25
Date Received: 10/21/25
SDG No.: Q3412
Matrix: SOIL
% Solid: 89.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6670		1	0.77	4.57	mg/Kg	10/21/25 14:05	10/23/25 18:03	6010D	SW3010A
7440-36-0	Antimony	2.28	UN	1	0.20	2.28	mg/Kg	10/21/25 14:05	10/23/25 18:03	6010D	SW3010A
7440-38-2	Arsenic	3.15	N	1	0.17	0.91	mg/Kg	10/21/25 14:05	10/23/25 18:03	6010D	SW3010A
7440-39-3	Barium	51.4		1	0.67	4.57	mg/Kg	10/21/25 14:05	10/23/25 18:03	6010D	SW3010A
7440-41-7	Beryllium	1.04	N	1	0.023	0.27	mg/Kg	10/21/25 14:05	10/23/25 18:03	6010D	SW3010A
7440-43-9	Cadmium	0.21	J	1	0.022	0.27	mg/Kg	10/21/25 14:05	10/23/25 18:03	6010D	SW3010A
7440-70-2	Calcium	1720	*	1	10.1	91.4	mg/Kg	10/21/25 14:05	10/23/25 18:03	6010D	SW3010A
7440-47-3	Chromium	9.49	N	1	0.043	0.46	mg/Kg	10/21/25 14:05	10/23/25 18:03	6010D	SW3010A
7440-48-4	Cobalt	8.76		1	0.091	1.37	mg/Kg	10/21/25 14:05	10/23/25 18:03	6010D	SW3010A
7440-50-8	Copper	28.4	N	1	0.20	0.91	mg/Kg	10/21/25 14:05	10/23/25 18:03	6010D	SW3010A
7439-89-6	Iron	15300		1	3.65	4.57	mg/Kg	10/21/25 14:05	10/23/25 18:03	6010D	SW3010A
7439-92-1	Lead	67.0	N	1	0.12	0.55	mg/Kg	10/21/25 14:05	10/23/25 18:03	6010D	SW3010A
7439-95-4	Magnesium	3280		1	11.0	91.4	mg/Kg	10/21/25 14:05	10/23/25 18:03	6010D	SW3010A
7439-96-5	Manganese	385		1	0.13	0.91	mg/Kg	10/21/25 14:05	10/23/25 18:03	6010D	SW3010A
7439-97-6	Mercury	0.065	*	1	0.0080	0.014	mg/Kg	10/23/25 10:22	10/23/25 14:25	7471B	7471B
7440-02-0	Nickel	18.2		1	0.12	1.83	mg/Kg	10/21/25 14:05	10/23/25 18:03	6010D	SW3010A
7440-09-7	Potassium	1110		1	25.3	91.4	mg/Kg	10/21/25 14:05	10/23/25 18:03	6010D	SW3010A
7782-49-2	Selenium	0.91	UN	1	0.24	0.91	mg/Kg	10/21/25 14:05	10/23/25 18:03	6010D	SW3010A
7440-22-4	Silver	0.46	UN	1	0.11	0.46	mg/Kg	10/21/25 14:05	10/23/25 18:03	6010D	SW3010A
7440-23-5	Sodium	534	N	1	16.3	91.4	mg/Kg	10/21/25 14:05	10/23/25 18:03	6010D	SW3010A
7440-28-0	Thallium	1.83	U	1	0.21	1.83	mg/Kg	10/21/25 14:05	10/23/25 18:03	6010D	SW3010A
7440-62-2	Vanadium	17.3	N	1	0.23	1.83	mg/Kg	10/21/25 14:05	10/23/25 18:03	6010D	SW3010A
7440-66-6	Zinc	43.1		1	0.21	1.83	mg/Kg	10/21/25 14:05	10/23/25 18:03	6010D	SW3010A

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