

Report of Analysis

Client: PSEG
Project: PSEG Onyx UG
Client Sample ID: ONYX-1
Lab Sample ID: Q3544-01
Level (low/med): low

Date Collected: 11/05/25
Date Received: 11/05/25
SDG No.: Q3544
Matrix: SOIL
% Solid: 88.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	11700		1	0.81	4.79	mg/Kg	11/06/25 10:50	11/06/25 17:23	6010D	SW3050
7440-36-0	Antimony	2.40	UN	1	0.21	2.40	mg/Kg	11/06/25 10:50	11/06/25 17:23	6010D	SW3050
7440-38-2	Arsenic	2.74		1	0.18	0.96	mg/Kg	11/06/25 10:50	11/06/25 17:23	6010D	SW3050
7440-39-3	Barium	62.2		1	0.70	4.79	mg/Kg	11/06/25 10:50	11/06/25 17:23	6010D	SW3050
7440-41-7	Beryllium	1.02		1	0.024	0.29	mg/Kg	11/06/25 10:50	11/06/25 17:23	6010D	SW3050
7440-43-9	Cadmium	0.086	J	1	0.023	0.29	mg/Kg	11/06/25 10:50	11/06/25 17:23	6010D	SW3050
7440-70-2	Calcium	1580	*	1	10.6	95.9	mg/Kg	11/06/25 10:50	11/06/25 17:23	6010D	SW3050
7440-47-3	Chromium	15.4		1	0.045	0.48	mg/Kg	11/06/25 10:50	11/06/25 17:23	6010D	SW3050
7440-48-4	Cobalt	12.5		1	0.096	1.44	mg/Kg	11/06/25 10:50	11/06/25 17:23	6010D	SW3050
7440-50-8	Copper	17.6		1	0.21	0.96	mg/Kg	11/06/25 10:50	11/06/25 17:23	6010D	SW3050
7439-89-6	Iron	21900		1	3.83	4.79	mg/Kg	11/06/25 10:50	11/06/25 17:23	6010D	SW3050
7439-92-1	Lead	15.3		1	0.13	0.57	mg/Kg	11/06/25 10:50	11/06/25 17:23	6010D	SW3050
7439-95-4	Magnesium	5060		1	11.5	95.9	mg/Kg	11/06/25 10:50	11/06/25 17:23	6010D	SW3050
7439-96-5	Manganese	486		1	0.13	0.96	mg/Kg	11/06/25 10:50	11/06/25 17:23	6010D	SW3050
7439-97-6	Mercury	0.011	J	1	0.0080	0.014	mg/Kg	11/06/25 09:40	11/07/25 09:22	7471B	
7440-02-0	Nickel	25.6		1	0.13	1.92	mg/Kg	11/06/25 10:50	11/06/25 17:23	6010D	SW3050
7440-09-7	Potassium	1660	N	1	26.6	95.9	mg/Kg	11/06/25 10:50	11/06/25 17:23	6010D	SW3050
7782-49-2	Selenium	0.96	UN	1	0.25	0.96	mg/Kg	11/06/25 10:50	11/06/25 17:23	6010D	SW3050
7440-22-4	Silver	0.71		1	0.12	0.48	mg/Kg	11/06/25 10:50	11/06/25 17:23	6010D	SW3050
7440-23-5	Sodium	441		1	17.1	95.9	mg/Kg	11/06/25 10:50	11/06/25 17:23	6010D	SW3050
7440-28-0	Thallium	1.92	U	1	0.22	1.92	mg/Kg	11/06/25 10:50	11/06/25 17:23	6010D	SW3050
7440-62-2	Vanadium	24.2		1	0.24	1.92	mg/Kg	11/06/25 10:50	11/06/25 17:23	6010D	SW3050
7440-66-6	Zinc	46.6	N	1	0.22	1.92	mg/Kg	11/06/25 10:50	11/06/25 17:23	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