

Report of Analysis

Client: PSEG
Project: PSEG West End M&R (West End Gas Plant)
Client Sample ID: 2061
Lab Sample ID: Q3536-03
Level (low/med): low

Date Collected: 11/04/25
Date Received: 11/04/25
SDG No.: Q3536
Matrix: SOIL
% Solid: 100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	174		1	0.74	4.39	mg/Kg	11/05/25 10:40	11/06/25 16:58	6010D	SW3050
7440-36-0	Antimony	2.19	UN	1	0.19	2.19	mg/Kg	11/05/25 10:40	11/06/25 16:58	6010D	SW3050
7440-38-2	Arsenic	12.1	N	1	0.17	0.88	mg/Kg	11/05/25 10:40	11/06/25 16:58	6010D	SW3050
7440-39-3	Barium	36.7		1	0.64	4.39	mg/Kg	11/05/25 10:40	11/06/25 16:58	6010D	SW3050
7440-41-7	Beryllium	2.07	N	1	0.022	0.26	mg/Kg	11/05/25 10:40	11/06/25 16:58	6010D	SW3050
7440-43-9	Cadmium	0.26	U	1	0.021	0.26	mg/Kg	11/05/25 10:40	11/06/25 16:58	6010D	SW3050
7440-70-2	Calcium	1700		1	9.74	87.7	mg/Kg	11/05/25 10:40	11/06/25 16:58	6010D	SW3050
7440-47-3	Chromium	14.7	N	1	0.041	0.44	mg/Kg	11/05/25 10:40	11/06/25 16:58	6010D	SW3050
7440-48-4	Cobalt	8.04		1	0.088	1.32	mg/Kg	11/05/25 10:40	11/06/25 16:58	6010D	SW3050
7440-50-8	Copper	27.8		1	0.19	0.88	mg/Kg	11/05/25 10:40	11/06/25 16:58	6010D	SW3050
7439-89-6	Iron	112000	D	5	17.5	21.9	mg/Kg	11/05/25 10:40	11/07/25 14:35	6010D	SW3050
7439-92-1	Lead	10.3		1	0.11	0.53	mg/Kg	11/05/25 10:40	11/06/25 16:58	6010D	SW3050
7439-95-4	Magnesium	394		1	10.5	87.7	mg/Kg	11/05/25 10:40	11/06/25 16:58	6010D	SW3050
7439-96-5	Manganese	834	*	1	0.12	0.88	mg/Kg	11/05/25 10:40	11/06/25 16:58	6010D	SW3050
7439-97-6	Mercury	0.012	U	1	0.0070	0.012	mg/Kg	11/05/25 08:40	11/05/25 11:51	7471B	
7440-02-0	Nickel	53.9		1	0.11	1.75	mg/Kg	11/05/25 10:40	11/06/25 16:58	6010D	SW3050
7440-09-7	Potassium	689		1	24.3	87.7	mg/Kg	11/05/25 10:40	11/06/25 16:58	6010D	SW3050
7782-49-2	Selenium	0.88	UN	1	0.23	0.88	mg/Kg	11/05/25 10:40	11/06/25 16:58	6010D	SW3050
7440-22-4	Silver	0.44	UN	1	0.11	0.44	mg/Kg	11/05/25 10:40	11/06/25 16:58	6010D	SW3050
7440-23-5	Sodium	981	N	1	15.6	87.7	mg/Kg	11/05/25 10:40	11/06/25 16:58	6010D	SW3050
7440-28-0	Thallium	1.75	U	1	0.20	1.75	mg/Kg	11/05/25 10:40	11/06/25 16:58	6010D	SW3050
7440-62-2	Vanadium	31.7	N	1	0.22	1.75	mg/Kg	11/05/25 10:40	11/06/25 16:58	6010D	SW3050
7440-66-6	Zinc	137	N	1	0.20	1.75	mg/Kg	11/05/25 10:40	11/06/25 16:58	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