

Report of Analysis

Client: PSEG
Project: PSEG West End M&R (West End Gas Plant)
Client Sample ID: 2052
Lab Sample ID: Q3536-04
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	749		1	0.71	4.24	mg/Kg	11/05/25 10:40	11/06/25 17:03	6010D	SW3050
7440-36-0	Antimony	2.12	UN	1	0.19	2.12	mg/Kg	11/05/25 10:40	11/06/25 17:03	6010D	SW3050
7440-38-2	Arsenic	0.56	JN	1	0.16	0.85	mg/Kg	11/05/25 10:40	11/06/25 17:03	6010D	SW3050
7440-39-3	Barium	9.71		1	0.62	4.24	mg/Kg	11/05/25 10:40	11/06/25 17:03	6010D	SW3050
7440-41-7	Beryllium	0.25	UN	1	0.021	0.25	mg/Kg	11/05/25 10:40	11/06/25 17:03	6010D	SW3050
7440-43-9	Cadmium	0.082	J	1	0.020	0.25	mg/Kg	11/05/25 10:40	11/06/25 17:03	6010D	SW3050
7440-70-2	Calcium	3920		1	9.41	84.7	mg/Kg	11/05/25 10:40	11/06/25 17:03	6010D	SW3050
7440-47-3	Chromium	2.53	N	1	0.040	0.42	mg/Kg	11/05/25 10:40	11/06/25 17:03	6010D	SW3050
7440-48-4	Cobalt	0.21	J	1	0.085	1.27	mg/Kg	11/05/25 10:40	11/06/25 17:03	6010D	SW3050
7440-50-8	Copper	5.45		1	0.19	0.85	mg/Kg	11/05/25 10:40	11/06/25 17:03	6010D	SW3050
7439-89-6	Iron	208		1	3.38	4.24	mg/Kg	11/05/25 10:40	11/06/25 17:03	6010D	SW3050
7439-92-1	Lead	1.32		1	0.11	0.51	mg/Kg	11/05/25 10:40	11/06/25 17:03	6010D	SW3050
7439-95-4	Magnesium	369		1	10.2	84.7	mg/Kg	11/05/25 10:40	11/06/25 17:03	6010D	SW3050
7439-96-5	Manganese	33.4	*	1	0.12	0.85	mg/Kg	11/05/25 10:40	11/06/25 17:03	6010D	SW3050
7439-97-6	Mercury	0.016		1	0.0080	0.014	mg/Kg	11/05/25 08:40	11/05/25 11:53	7471B	
7440-02-0	Nickel	0.96	J	1	0.11	1.69	mg/Kg	11/05/25 10:40	11/06/25 17:03	6010D	SW3050
7440-09-7	Potassium	495		1	23.5	84.7	mg/Kg	11/05/25 10:40	11/06/25 17:03	6010D	SW3050
7782-49-2	Selenium	0.30	JN	1	0.22	0.85	mg/Kg	11/05/25 10:40	11/06/25 17:03	6010D	SW3050
7440-22-4	Silver	0.42	UN	1	0.10	0.42	mg/Kg	11/05/25 10:40	11/06/25 17:03	6010D	SW3050
7440-23-5	Sodium	2280	N	1	15.1	84.7	mg/Kg	11/05/25 10:40	11/06/25 17:03	6010D	SW3050
7440-28-0	Thallium	1.69	U	1	0.20	1.69	mg/Kg	11/05/25 10:40	11/06/25 17:03	6010D	SW3050
7440-62-2	Vanadium	0.62	JN	1	0.21	1.69	mg/Kg	11/05/25 10:40	11/06/25 17:03	6010D	SW3050
7440-66-6	Zinc	15.4	N	1	0.20	1.69	mg/Kg	11/05/25 10:40	11/06/25 17:03	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