

Report of Analysis

Client: PSEG
Project: Linden Switching Station
Client Sample ID: SOIL-CUTTINGS-COMP
Lab Sample ID: Q3491-01
Level (low/med): low

Date Collected: 10/29/25
Date Received: 10/29/25
SDG No.: Q3491
Matrix: SOIL
% Solid: 73.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	9380		1	0.98	5.86	mg/Kg	10/30/25 10:50	10/31/25 18:41	6010D	SW3050
7440-36-0	Antimony	0.61	JN*	1	0.26	2.93	mg/Kg	10/30/25 10:50	10/31/25 18:41	6010D	SW3050
7440-38-2	Arsenic	8.32		1	0.22	1.17	mg/Kg	10/30/25 10:50	10/31/25 18:41	6010D	SW3050
7440-39-3	Barium	121	N	1	0.86	5.86	mg/Kg	10/30/25 10:50	10/31/25 18:41	6010D	SW3050
7440-41-7	Beryllium	1.25		1	0.029	0.35	mg/Kg	10/30/25 10:50	10/31/25 18:41	6010D	SW3050
7440-43-9	Cadmium	1.64		1	0.028	0.35	mg/Kg	10/30/25 10:50	10/31/25 18:41	6010D	SW3050
7440-70-2	Calcium	8140	*	1	13.0	117	mg/Kg	10/30/25 10:50	10/31/25 18:41	6010D	SW3050
7440-47-3	Chromium	23.5	*	1	0.055	0.59	mg/Kg	10/30/25 10:50	10/31/25 18:41	6010D	SW3050
7440-48-4	Cobalt	18.8		1	0.12	1.76	mg/Kg	10/30/25 10:50	10/31/25 18:41	6010D	SW3050
7440-50-8	Copper	26.0	N	1	0.26	1.17	mg/Kg	10/30/25 10:50	10/31/25 18:41	6010D	SW3050
7439-89-6	Iron	31200		1	4.67	5.86	mg/Kg	10/30/25 10:50	10/31/25 18:41	6010D	SW3050
7439-92-1	Lead	19.0		1	0.15	0.70	mg/Kg	10/30/25 10:50	10/31/25 18:41	6010D	SW3050
7439-95-4	Magnesium	6930	*	1	14.1	117	mg/Kg	10/30/25 10:50	10/31/25 18:41	6010D	SW3050
7439-96-5	Manganese	588		1	0.16	1.17	mg/Kg	10/30/25 10:50	10/31/25 18:41	6010D	SW3050
7439-97-6	Mercury	0.012	J	1	0.0090	0.017	mg/Kg	10/30/25 09:40	10/30/25 15:43	7471B	
7440-02-0	Nickel	41.0	*	1	0.15	2.34	mg/Kg	10/30/25 10:50	10/31/25 18:41	6010D	SW3050
7440-09-7	Potassium	2500		1	32.4	117	mg/Kg	10/30/25 10:50	10/31/25 18:41	6010D	SW3050
7782-49-2	Selenium	1.17	U	1	0.31	1.17	mg/Kg	10/30/25 10:50	10/31/25 18:41	6010D	SW3050
7440-22-4	Silver	2.73		1	0.14	0.59	mg/Kg	10/30/25 10:50	10/31/25 18:41	6010D	SW3050
7440-23-5	Sodium	969		1	20.8	117	mg/Kg	10/30/25 10:50	10/31/25 18:41	6010D	SW3050
7440-28-0	Thallium	2.34	U	1	0.27	2.34	mg/Kg	10/30/25 10:50	10/31/25 18:41	6010D	SW3050
7440-62-2	Vanadium	28.7		1	0.29	2.34	mg/Kg	10/30/25 10:50	10/31/25 18:41	6010D	SW3050
7440-66-6	Zinc	64.5	N*	1	0.27	2.34	mg/Kg	10/30/25 10:50	10/31/25 18:41	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