

Report of Analysis

Client:	PSEG	Date Collected:	09/19/25
Project:	OR-500 Englewood	Date Received:	09/19/25
Client Sample ID:	OR-500-COMP-39	SDG No.:	Q3153
Lab Sample ID:	Q3153-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	93

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6330		1	0.77	4.60	mg/Kg	09/22/25 10:20	09/24/25 13:16	6010D	SW3050
7440-36-0	Antimony	2.30	U	1	0.20	2.30	mg/Kg	09/22/25 10:20	09/24/25 13:16	6010D	SW3050
7440-38-2	Arsenic	2.17		1	0.18	0.92	mg/Kg	09/22/25 10:20	09/24/25 13:16	6010D	SW3050
7440-39-3	Barium	32.8		1	0.67	4.60	mg/Kg	09/22/25 10:20	09/24/25 13:16	6010D	SW3050
7440-41-7	Beryllium	0.45		1	0.023	0.28	mg/Kg	09/22/25 10:20	09/24/25 13:16	6010D	SW3050
7440-43-9	Cadmium	0.20	J	1	0.022	0.28	mg/Kg	09/22/25 10:20	09/24/25 13:16	6010D	SW3050
7440-70-2	Calcium	1390		1	10.2	91.9	mg/Kg	09/22/25 10:20	09/24/25 13:16	6010D	SW3050
7440-47-3	Chromium	6.66		1	0.043	0.46	mg/Kg	09/22/25 10:20	09/24/25 13:16	6010D	SW3050
7440-48-4	Cobalt	3.78		1	0.092	1.38	mg/Kg	09/22/25 10:20	09/24/25 13:16	6010D	SW3050
7440-50-8	Copper	19.0		1	0.20	0.92	mg/Kg	09/22/25 10:20	09/24/25 13:16	6010D	SW3050
7439-89-6	Iron	8250		1	3.67	4.60	mg/Kg	09/22/25 10:20	09/24/25 13:16	6010D	SW3050
7439-92-1	Lead	56.1		1	0.12	0.55	mg/Kg	09/22/25 10:20	09/24/25 13:16	6010D	SW3050
7439-95-4	Magnesium	1670		1	11.0	91.9	mg/Kg	09/22/25 10:20	09/24/25 13:16	6010D	SW3050
7439-96-5	Manganese	207		1	0.13	0.92	mg/Kg	09/22/25 10:20	09/24/25 13:16	6010D	SW3050
7439-97-6	Mercury	0.089	N	1	0.0080	0.014	mg/Kg	09/22/25 15:10	09/23/25 09:36	7471B	
7440-02-0	Nickel	7.19		1	0.12	1.84	mg/Kg	09/22/25 10:20	09/24/25 13:16	6010D	SW3050
7440-09-7	Potassium	469		1	25.5	91.9	mg/Kg	09/22/25 10:20	09/24/25 13:16	6010D	SW3050
7782-49-2	Selenium	0.92	U	1	0.24	0.92	mg/Kg	09/22/25 10:20	09/24/25 13:16	6010D	SW3050
7440-22-4	Silver	0.15	J	1	0.11	0.46	mg/Kg	09/22/25 10:20	09/24/25 13:16	6010D	SW3050
7440-23-5	Sodium	494		1	16.4	91.9	mg/Kg	09/22/25 10:20	09/24/25 13:16	6010D	SW3050
7440-28-0	Thallium	1.84	U	1	0.21	1.84	mg/Kg	09/22/25 10:20	09/24/25 13:16	6010D	SW3050
7440-62-2	Vanadium	17.5		1	0.23	1.84	mg/Kg	09/22/25 10:20	09/24/25 13:16	6010D	SW3050
7440-66-6	Zinc	31.8		1	0.21	1.84	mg/Kg	09/22/25 10:20	09/24/25 13:16	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	METALS TAL+CN			

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