

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-40	SDG No.:	Q3153
Lab Sample ID:	Q3153-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	86.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6240		1	0.81	4.80	mg/Kg	09/22/25 10:20	09/24/25 13:20	6010D	SW3050
7440-36-0	Antimony	2.40	U	1	0.21	2.40	mg/Kg	09/22/25 10:20	09/24/25 13:20	6010D	SW3050
7440-38-2	Arsenic	2.00		1	0.18	0.96	mg/Kg	09/22/25 10:20	09/24/25 13:20	6010D	SW3050
7440-39-3	Barium	24.0		1	0.70	4.80	mg/Kg	09/22/25 10:20	09/24/25 13:20	6010D	SW3050
7440-41-7	Beryllium	0.45		1	0.024	0.29	mg/Kg	09/22/25 10:20	09/24/25 13:20	6010D	SW3050
7440-43-9	Cadmium	0.14	J	1	0.023	0.29	mg/Kg	09/22/25 10:20	09/24/25 13:20	6010D	SW3050
7440-70-2	Calcium	718		1	10.7	96.0	mg/Kg	09/22/25 10:20	09/24/25 13:20	6010D	SW3050
7440-47-3	Chromium	6.98		1	0.045	0.48	mg/Kg	09/22/25 10:20	09/24/25 13:20	6010D	SW3050
7440-48-4	Cobalt	3.43		1	0.096	1.44	mg/Kg	09/22/25 10:20	09/24/25 13:20	6010D	SW3050
7440-50-8	Copper	8.85		1	0.21	0.96	mg/Kg	09/22/25 10:20	09/24/25 13:20	6010D	SW3050
7439-89-6	Iron	8220		1	3.83	4.80	mg/Kg	09/22/25 10:20	09/24/25 13:20	6010D	SW3050
7439-92-1	Lead	19.0		1	0.13	0.58	mg/Kg	09/22/25 10:20	09/24/25 13:20	6010D	SW3050
7439-95-4	Magnesium	1610		1	11.5	96.0	mg/Kg	09/22/25 10:20	09/24/25 13:20	6010D	SW3050
7439-96-5	Manganese	150		1	0.13	0.96	mg/Kg	09/22/25 10:20	09/24/25 13:20	6010D	SW3050
7439-97-6	Mercury	0.060	N	1	0.0080	0.014	mg/Kg	09/22/25 15:10	09/23/25 09:38	7471B	
7440-02-0	Nickel	6.80		1	0.13	1.92	mg/Kg	09/22/25 10:20	09/24/25 13:20	6010D	SW3050
7440-09-7	Potassium	403		1	26.6	96.0	mg/Kg	09/22/25 10:20	09/24/25 13:20	6010D	SW3050
7782-49-2	Selenium	0.25	J	1	0.25	0.96	mg/Kg	09/22/25 10:20	09/24/25 13:20	6010D	SW3050
7440-22-4	Silver	0.15	J	1	0.12	0.48	mg/Kg	09/22/25 10:20	09/24/25 13:20	6010D	SW3050
7440-23-5	Sodium	373		1	17.1	96.0	mg/Kg	09/22/25 10:20	09/24/25 13:20	6010D	SW3050
7440-28-0	Thallium	1.92	U	1	0.22	1.92	mg/Kg	09/22/25 10:20	09/24/25 13:20	6010D	SW3050
7440-62-2	Vanadium	12.7		1	0.24	1.92	mg/Kg	09/22/25 10:20	09/24/25 13:20	6010D	SW3050
7440-66-6	Zinc	17.7		1	0.22	1.92	mg/Kg	09/22/25 10:20	09/24/25 13:20	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