

Report of Analysis

Client:	PSEG	Date Collected:	05/27/25
Project:	PSEG Durham Ave Test Pits	Date Received:	05/27/25
Client Sample ID:	TP-3	SDG No.:	Q2130
Lab Sample ID:	Q2130-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	90.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5100		1	0.85	5.08	mg/Kg	05/29/25 10:05	05/30/25 17:58	6010D	SW3050
7440-36-0	Antimony	2.54	UN	1	0.22	2.54	mg/Kg	05/29/25 10:05	05/30/25 17:58	6010D	SW3050
7440-38-2	Arsenic	2.42		1	0.19	1.02	mg/Kg	05/29/25 10:05	05/30/25 17:58	6010D	SW3050
7440-39-3	Barium	21.9		1	0.74	5.08	mg/Kg	05/29/25 10:05	05/30/25 17:58	6010D	SW3050
7440-41-7	Beryllium	0.39		1	0.025	0.31	mg/Kg	05/29/25 10:05	05/30/25 17:58	6010D	SW3050
7440-43-9	Cadmium	0.21	J	1	0.024	0.31	mg/Kg	05/29/25 10:05	05/30/25 17:58	6010D	SW3050
7440-70-2	Calcium	2440		1	11.3	102	mg/Kg	05/29/25 10:05	05/30/25 17:58	6010D	SW3050
7440-47-3	Chromium	6.52		1	0.048	0.51	mg/Kg	05/29/25 10:05	05/30/25 17:58	6010D	SW3050
7440-48-4	Cobalt	7.06		1	0.10	1.52	mg/Kg	05/29/25 10:05	05/30/25 17:58	6010D	SW3050
7440-50-8	Copper	29.5	N	1	0.22	1.02	mg/Kg	05/29/25 10:05	05/30/25 17:58	6010D	SW3050
7439-89-6	Iron	13100		1	4.05	5.08	mg/Kg	05/29/25 10:05	05/30/25 17:58	6010D	SW3050
7439-92-1	Lead	8.58		1	0.13	0.61	mg/Kg	05/29/25 10:05	05/30/25 17:58	6010D	SW3050
7439-95-4	Magnesium	2530		1	12.2	102	mg/Kg	05/29/25 10:05	05/30/25 17:58	6010D	SW3050
7439-96-5	Manganese	128		1	0.14	1.02	mg/Kg	05/29/25 10:05	05/30/25 17:58	6010D	SW3050
7439-97-6	Mercury	0.0090	J	1	0.0080	0.014	mg/Kg	05/28/25 11:05	05/28/25 17:20	7471B	
7440-02-0	Nickel	12.4		1	0.13	2.03	mg/Kg	05/29/25 10:05	05/30/25 17:58	6010D	SW3050
7440-09-7	Potassium	298	N	1	28.1	102	mg/Kg	05/29/25 10:05	05/30/25 17:58	6010D	SW3050
7782-49-2	Selenium	1.02	UN	1	0.26	1.02	mg/Kg	05/29/25 10:05	05/30/25 17:58	6010D	SW3050
7440-22-4	Silver	0.51	UN	1	0.12	0.51	mg/Kg	05/29/25 10:05	05/30/25 17:58	6010D	SW3050
7440-23-5	Sodium	320	N	1	18.1	102	mg/Kg	05/29/25 10:05	05/30/25 17:58	6010D	SW3050
7440-28-0	Thallium	2.03	U	1	0.23	2.03	mg/Kg	05/29/25 10:05	05/30/25 17:58	6010D	SW3050
7440-62-2	Vanadium	24.0	N	1	0.25	2.03	mg/Kg	05/29/25 10:05	05/30/25 17:58	6010D	SW3050
7440-66-6	Zinc	21.2	N	1	0.23	2.03	mg/Kg	05/29/25 10:05	05/30/25 17:58	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	METALS-TAL			

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