

Report of Analysis

Client:	PSEG	Date Collected:	05/19/25
Project:	Hamilton Road - Hillsborough	Date Received:	05/19/25
Client Sample ID:	PL-HRH-COMP-01	SDG No.:	Q2080
Lab Sample ID:	Q2080-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	86.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	9940		1	0.84	5.03	mg/Kg	05/20/25 12:15	05/22/25 16:00	6010D	SW3050
7440-36-0	Antimony	2.51	UN	1	0.22	2.51	mg/Kg	05/20/25 12:15	05/22/25 16:00	6010D	SW3050
7440-38-2	Arsenic	5.09	*	1	0.19	1.01	mg/Kg	05/20/25 12:15	05/22/25 16:00	6010D	SW3050
7440-39-3	Barium	86.8		1	0.73	5.03	mg/Kg	05/20/25 12:15	05/22/25 16:00	6010D	SW3050
7440-41-7	Beryllium	0.78		1	0.025	0.30	mg/Kg	05/20/25 12:15	05/22/25 16:00	6010D	SW3050
7440-43-9	Cadmium	0.097	J	1	0.024	0.30	mg/Kg	05/20/25 12:15	05/22/25 16:00	6010D	SW3050
7440-70-2	Calcium	906		1	11.2	101	mg/Kg	05/20/25 12:15	05/22/25 16:00	6010D	SW3050
7440-47-3	Chromium	18.4	*	1	0.047	0.50	mg/Kg	05/20/25 12:15	05/22/25 16:00	6010D	SW3050
7440-48-4	Cobalt	10.1		1	0.10	1.51	mg/Kg	05/20/25 12:15	05/22/25 16:00	6010D	SW3050
7440-50-8	Copper	9.77		1	0.22	1.01	mg/Kg	05/20/25 12:15	05/22/25 16:00	6010D	SW3050
7439-89-6	Iron	22500	*	1	4.01	5.03	mg/Kg	05/20/25 12:15	05/22/25 16:00	6010D	SW3050
7439-92-1	Lead	23.7		1	0.13	0.60	mg/Kg	05/20/25 12:15	05/22/25 16:00	6010D	SW3050
7439-95-4	Magnesium	3360		1	12.1	101	mg/Kg	05/20/25 12:15	05/22/25 16:00	6010D	SW3050
7439-96-5	Manganese	615		1	0.14	1.01	mg/Kg	05/20/25 12:15	05/22/25 16:00	6010D	SW3050
7439-97-6	Mercury	0.049		1	0.0080	0.014	mg/Kg	05/19/25 13:50	05/20/25 14:47	7471B	
7440-02-0	Nickel	18.9		1	0.13	2.01	mg/Kg	05/20/25 12:15	05/22/25 16:00	6010D	SW3050
7440-09-7	Potassium	858	N	1	27.8	101	mg/Kg	05/20/25 12:15	05/22/25 16:00	6010D	SW3050
7782-49-2	Selenium	2.06		1	0.26	1.01	mg/Kg	05/20/25 12:15	05/22/25 16:00	6010D	SW3050
7440-22-4	Silver	0.14	J	1	0.12	0.50	mg/Kg	05/20/25 12:15	05/22/25 16:00	6010D	SW3050
7440-23-5	Sodium	98.7	J	1	17.9	101	mg/Kg	05/20/25 12:15	05/22/25 16:00	6010D	SW3050
7440-28-0	Thallium	1.68	J	1	0.23	2.01	mg/Kg	05/20/25 12:15	05/22/25 16:00	6010D	SW3050
7440-62-2	Vanadium	24.9	*	1	0.25	2.01	mg/Kg	05/20/25 12:15	05/22/25 16:00	6010D	SW3050
7440-66-6	Zinc	53.0		1	0.23	2.01	mg/Kg	05/20/25 12:15	05/22/25 16:00	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
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