

Report of Analysis

Client:	PSEG	Date Collected:	05/06/25
Project:	Hanover M&R	Date Received:	05/06/25
Client Sample ID:	CONCRETE-1	SDG No.:	Q1966
Lab Sample ID:	Q1966-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4990		1	0.70	4.17	mg/Kg	05/07/25 11:15	05/09/25 14:28	SW6010	SW3050
7440-36-0	Antimony	2.08	UN	1	0.18	2.08	mg/Kg	05/07/25 11:15	05/09/25 14:28	SW6010	SW3050
7440-38-2	Arsenic	1.03		1	0.16	0.83	mg/Kg	05/07/25 11:15	05/09/25 14:28	SW6010	SW3050
7440-39-3	Barium	20.2		1	0.61	4.17	mg/Kg	05/07/25 11:15	05/09/25 14:28	SW6010	SW3050
7440-41-7	Beryllium	0.20	J	1	0.021	0.25	mg/Kg	05/07/25 11:15	05/09/25 14:28	SW6010	SW3050
7440-43-9	Cadmium	0.25	U	1	0.020	0.25	mg/Kg	05/07/25 11:15	05/09/25 14:28	SW6010	SW3050
7440-70-2	Calcium	39400		1	9.25	83.3	mg/Kg	05/07/25 11:15	05/09/25 14:28	SW6010	SW3050
7440-47-3	Chromium	4.23		1	0.039	0.42	mg/Kg	05/07/25 11:15	05/09/25 14:28	SW6010	SW3050
7440-48-4	Cobalt	1.72		1	0.083	1.25	mg/Kg	05/07/25 11:15	05/09/25 14:28	SW6010	SW3050
7440-50-8	Copper	2.50		1	0.18	0.83	mg/Kg	05/07/25 11:15	05/09/25 14:28	SW6010	SW3050
7439-89-6	Iron	5490		1	3.33	4.17	mg/Kg	05/07/25 11:15	05/09/25 14:28	SW6010	SW3050
7439-92-1	Lead	2.96		1	0.11	0.50	mg/Kg	05/07/25 11:15	05/09/25 14:28	SW6010	SW3050
7439-95-4	Magnesium	3030		1	10.0	83.3	mg/Kg	05/07/25 11:15	05/09/25 14:28	SW6010	SW3050
7439-96-5	Manganese	151		1	0.12	0.83	mg/Kg	05/07/25 11:15	05/09/25 14:28	SW6010	SW3050
7439-97-6	Mercury	0.0090	J	1	0.0080	0.013	mg/Kg	05/06/25 15:40	05/07/25 13:55	SW7471B	
7440-02-0	Nickel	2.49		1	0.11	1.67	mg/Kg	05/07/25 11:15	05/09/25 14:28	SW6010	SW3050
7440-09-7	Potassium	522		1	23.1	83.3	mg/Kg	05/07/25 11:15	05/09/25 14:28	SW6010	SW3050
7782-49-2	Selenium	0.83	U	1	0.22	0.83	mg/Kg	05/07/25 11:15	05/09/25 14:28	SW6010	SW3050
7440-22-4	Silver	0.42	U	1	0.10	0.42	mg/Kg	05/07/25 11:15	05/09/25 14:28	SW6010	SW3050
7440-23-5	Sodium	146		1	14.8	83.3	mg/Kg	05/07/25 11:15	05/09/25 14:28	SW6010	SW3050
7440-28-0	Thallium	1.67	U	1	0.19	1.67	mg/Kg	05/07/25 11:15	05/09/25 14:28	SW6010	SW3050
7440-62-2	Vanadium	4.53		1	0.21	1.67	mg/Kg	05/07/25 11:15	05/09/25 14:28	SW6010	SW3050
7440-66-6	Zinc	13.4		1	0.19	1.67	mg/Kg	05/07/25 11:15	05/09/25 14:28	SW6010	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