

Report of Analysis

Client:	PSEG	Date Collected:	08/20/25
Project:	Hamilton ROW Bridge	Date Received:	08/20/25
Client Sample ID:	BRIDGE-EAST	SDG No.:	Q2915
Lab Sample ID:	Q2915-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	84.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6630		1	0.89	5.28	mg/Kg	08/21/25 12:05	08/21/25 18:16	6010D	SW3050
7440-36-0	Antimony	0.23	UN	1	0.23	2.64	mg/Kg	08/21/25 12:05	08/21/25 18:16	6010D	SW3050
7440-38-2	Arsenic	5.94	*	1	0.20	1.06	mg/Kg	08/21/25 12:05	08/21/25 18:16	6010D	SW3050
7440-39-3	Barium	14.1	N	1	0.77	5.28	mg/Kg	08/21/25 12:05	08/21/25 18:16	6010D	SW3050
7440-41-7	Beryllium	0.42	N	1	0.026	0.32	mg/Kg	08/21/25 12:05	08/21/25 18:16	6010D	SW3050
7440-43-9	Cadmium	0.18	J	1	0.025	0.32	mg/Kg	08/21/25 12:05	08/21/25 18:16	6010D	SW3050
7440-70-2	Calcium	183	*	1	11.7	106	mg/Kg	08/21/25 12:05	08/21/25 18:16	6010D	SW3050
7440-47-3	Chromium	9.68	N	1	0.050	0.53	mg/Kg	08/21/25 12:05	08/21/25 18:16	6010D	SW3050
7440-48-4	Cobalt	3.74	*	1	0.11	1.58	mg/Kg	08/21/25 12:05	08/21/25 18:16	6010D	SW3050
7440-50-8	Copper	12.5	N*	1	0.23	1.06	mg/Kg	08/21/25 12:05	08/21/25 18:16	6010D	SW3050
7439-89-6	Iron	13600		1	4.22	5.28	mg/Kg	08/21/25 12:05	08/21/25 18:16	6010D	SW3050
7439-92-1	Lead	8.57	*	1	0.14	0.63	mg/Kg	08/21/25 12:05	08/21/25 18:16	6010D	SW3050
7439-95-4	Magnesium	1650		1	12.7	106	mg/Kg	08/21/25 12:05	08/21/25 18:16	6010D	SW3050
7439-96-5	Manganese	48.1		1	0.15	1.06	mg/Kg	08/21/25 12:05	08/21/25 18:16	6010D	SW3050
7439-97-6	Mercury	0.028		1	0.0080	0.014	mg/Kg	08/21/25 16:35	08/22/25 13:07	7471B	
7440-02-0	Nickel	10.5	*	1	0.14	2.11	mg/Kg	08/21/25 12:05	08/21/25 18:16	6010D	SW3050
7440-09-7	Potassium	366	N	1	29.3	106	mg/Kg	08/21/25 12:05	08/21/25 18:16	6010D	SW3050
7782-49-2	Selenium	0.65	J	1	0.28	1.06	mg/Kg	08/21/25 12:05	08/21/25 18:16	6010D	SW3050
7440-22-4	Silver	0.65		1	0.13	0.53	mg/Kg	08/21/25 12:05	08/21/25 18:16	6010D	SW3050
7440-23-5	Sodium	57.6	J	1	18.8	106	mg/Kg	08/21/25 12:05	08/21/25 18:16	6010D	SW3050
7440-28-0	Thallium	0.24	U	1	0.24	2.11	mg/Kg	08/21/25 12:05	08/21/25 18:16	6010D	SW3050
7440-62-2	Vanadium	14.4		1	0.26	2.11	mg/Kg	08/21/25 12:05	08/21/25 18:16	6010D	SW3050
7440-66-6	Zinc	29.2	N	1	0.24	2.11	mg/Kg	08/21/25 12:05	08/21/25 18:16	6010D	SW3050

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

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