

Report of Analysis

Client:	PSEG	Date Collected:	07/01/25
Project:	Watchang Bridge Replacement	Date Received:	07/01/25
Client Sample ID:	SOIL-PILE	SDG No.:	Q2475
Lab Sample ID:	Q2475-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	79.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	10100		1	0.88	5.23	mg/Kg	07/03/25 10:30	07/03/25 14:21	6010D	SW3050
7440-36-0	Antimony	0.23	U	1	0.23	2.61	mg/Kg	07/03/25 10:30	07/03/25 14:21	6010D	SW3050
7440-38-2	Arsenic	4.19		1	0.20	1.05	mg/Kg	07/03/25 10:30	07/03/25 14:21	6010D	SW3050
7440-39-3	Barium	77.5		1	0.76	5.23	mg/Kg	07/03/25 10:30	07/03/25 14:21	6010D	SW3050
7440-41-7	Beryllium	0.78		1	0.026	0.31	mg/Kg	07/03/25 10:30	07/03/25 14:21	6010D	SW3050
7440-43-9	Cadmium	0.61		1	0.025	0.31	mg/Kg	07/03/25 10:30	07/03/25 14:21	6010D	SW3050
7440-70-2	Calcium	1840		1	11.6	105	mg/Kg	07/03/25 10:30	07/03/25 14:21	6010D	SW3050
7440-47-3	Chromium	22.4		1	0.049	0.52	mg/Kg	07/03/25 10:30	07/03/25 14:21	6010D	SW3050
7440-48-4	Cobalt	20.4		1	0.11	1.57	mg/Kg	07/03/25 10:30	07/03/25 14:21	6010D	SW3050
7440-50-8	Copper	23.5		1	0.23	1.05	mg/Kg	07/03/25 10:30	07/03/25 14:21	6010D	SW3050
7439-89-6	Iron	26500		1	4.17	5.23	mg/Kg	07/03/25 10:30	07/03/25 14:21	6010D	SW3050
7439-92-1	Lead	16.5		1	0.14	0.63	mg/Kg	07/03/25 10:30	07/03/25 14:21	6010D	SW3050
7439-95-4	Magnesium	3890		1	12.5	105	mg/Kg	07/03/25 10:30	07/03/25 14:21	6010D	SW3050
7439-96-5	Manganese	1310		1	0.15	1.05	mg/Kg	07/03/25 10:30	07/03/25 14:21	6010D	SW3050
7439-97-6	Mercury	0.039		1	0.0090	0.017	mg/Kg	07/03/25 10:25	07/03/25 11:45	7471B	
7440-02-0	Nickel	20.9		1	0.14	2.09	mg/Kg	07/03/25 10:30	07/03/25 14:21	6010D	SW3050
7440-09-7	Potassium	534		1	29.0	105	mg/Kg	07/03/25 10:30	07/03/25 14:21	6010D	SW3050
7782-49-2	Selenium	1.12		1	0.27	1.05	mg/Kg	07/03/25 10:30	07/03/25 14:21	6010D	SW3050
7440-22-4	Silver	0.13	U	1	0.13	0.52	mg/Kg	07/03/25 10:30	07/03/25 14:21	6010D	SW3050
7440-23-5	Sodium	108		1	18.6	105	mg/Kg	07/03/25 10:30	07/03/25 14:21	6010D	SW3050
7440-28-0	Thallium	0.24	U	1	0.24	2.09	mg/Kg	07/03/25 10:30	07/03/25 14:21	6010D	SW3050
7440-62-2	Vanadium	65.8		1	0.26	2.09	mg/Kg	07/03/25 10:30	07/03/25 14:21	6010D	SW3050
7440-66-6	Zinc	53.5		1	0.24	2.09	mg/Kg	07/03/25 10:30	07/03/25 14:21	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