

Report of Analysis

Client:	PSEG	Date Collected:	12/04/24
Project:	Somerset Headquarters	Date Received:	12/04/24
Client Sample ID:	ASPHALT-COMP	SDG No.:	P5108
Lab Sample ID:	P5108-01	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	17600		1	2.13	4.42	mg/Kg	12/05/24 10:50	12/06/24 16:17	SW6010	SW3050
7440-36-0	Antimony	0.13	U	1	0.13	2.21	mg/Kg	12/05/24 10:50	12/06/24 16:17	SW6010	SW3050
7440-38-2	Arsenic	1.03		1	0.26	0.89	mg/Kg	12/05/24 10:50	12/06/24 16:17	SW6010	SW3050
7440-39-3	Barium	12.4		1	0.57	4.42	mg/Kg	12/05/24 10:50	12/06/24 16:17	SW6010	SW3050
7440-41-7	Beryllium	0.55		1	0.011	0.27	mg/Kg	12/05/24 10:50	12/06/24 16:17	SW6010	SW3050
7440-43-9	Cadmium	4.38		1	0.014	0.27	mg/Kg	12/05/24 10:50	12/06/24 16:17	SW6010	SW3050
7440-70-2	Calcium	13600		1	2.48	88.5	mg/Kg	12/05/24 10:50	12/06/24 16:17	SW6010	SW3050
7440-47-3	Chromium	13.4		1	0.048	0.44	mg/Kg	12/05/24 10:50	12/06/24 16:17	SW6010	SW3050
7440-48-4	Cobalt	24.8		1	0.051	1.33	mg/Kg	12/05/24 10:50	12/06/24 16:17	SW6010	SW3050
7440-50-8	Copper	49.2		1	0.42	0.89	mg/Kg	12/05/24 10:50	12/06/24 16:17	SW6010	SW3050
7439-89-6	Iron	27800		1	2.38	4.42	mg/Kg	12/05/24 10:50	12/06/24 16:17	SW6010	SW3050
7439-92-1	Lead	3.17		1	0.13	0.53	mg/Kg	12/05/24 10:50	12/06/24 16:17	SW6010	SW3050
7439-95-4	Magnesium	14500		1	3.04	88.5	mg/Kg	12/05/24 10:50	12/06/24 16:17	SW6010	SW3050
7439-96-5	Manganese	288		1	0.063	0.89	mg/Kg	12/05/24 10:50	12/06/24 16:17	SW6010	SW3050
7439-97-6	Mercury	0.0060	U	1	0.0060	0.013	mg/Kg	12/06/24 14:40	12/06/24 17:58	SW7471B	
7440-02-0	Nickel	38.9		1	0.080	1.77	mg/Kg	12/05/24 10:50	12/06/24 16:17	SW6010	SW3050
7440-09-7	Potassium	32.3	J	1	25.4	88.5	mg/Kg	12/05/24 10:50	12/06/24 16:17	SW6010	SW3050
7782-49-2	Selenium	0.29	U	1	0.29	0.89	mg/Kg	12/05/24 10:50	12/06/24 16:17	SW6010	SW3050
7440-22-4	Silver	0.046	U	1	0.046	0.44	mg/Kg	12/05/24 10:50	12/06/24 16:17	SW6010	SW3050
7440-23-5	Sodium	367		1	31.9	88.5	mg/Kg	12/05/24 10:50	12/06/24 16:17	SW6010	SW3050
7440-28-0	Thallium	0.39	U	1	0.39	1.77	mg/Kg	12/05/24 10:50	12/06/24 16:17	SW6010	SW3050
7440-62-2	Vanadium	73.3		1	0.24	1.77	mg/Kg	12/05/24 10:50	12/06/24 16:17	SW6010	SW3050
7440-66-6	Zinc	36.2		1	0.097	1.77	mg/Kg	12/05/24 10:50	12/06/24 16:17	SW6010	SW3050

Color Before:	Black	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