

Report of Analysis

Client:	PSEG	Date Collected:	12/13/24
Project:	Metuchen Switch	Date Received:	12/13/24
Client Sample ID:	STONES-A	SDG No.:	P5287
Lab Sample ID:	P5287-01	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	7070		1	2.10	4.37	mg/Kg	12/16/24 11:20	12/16/24 23:26	SW6010	SW3050
7440-36-0	Antimony	2.18	U	1	0.13	2.18	mg/Kg	12/16/24 11:20	12/16/24 23:26	SW6010	SW3050
7440-38-2	Arsenic	0.87	U	1	0.25	0.87	mg/Kg	12/16/24 11:20	12/16/24 23:26	SW6010	SW3050
7440-39-3	Barium	7.35		1	0.56	4.37	mg/Kg	12/16/24 11:20	12/16/24 23:26	SW6010	SW3050
7440-41-7	Beryllium	0.15	J	1	0.010	0.26	mg/Kg	12/16/24 11:20	12/16/24 23:26	SW6010	SW3050
7440-43-9	Cadmium	0.50		1	0.014	0.26	mg/Kg	12/16/24 11:20	12/16/24 23:26	SW6010	SW3050
7440-70-2	Calcium	4820		1	2.45	87.3	mg/Kg	12/16/24 11:20	12/16/24 23:26	SW6010	SW3050
7440-47-3	Chromium	14.3		1	0.047	0.44	mg/Kg	12/16/24 11:20	12/16/24 23:26	SW6010	SW3050
7440-48-4	Cobalt	3.59		1	0.051	1.31	mg/Kg	12/16/24 11:20	12/16/24 23:26	SW6010	SW3050
7440-50-8	Copper	51.7	N	1	0.41	0.87	mg/Kg	12/16/24 11:20	12/16/24 23:26	SW6010	SW3050
7439-89-6	Iron	4410		1	2.35	4.37	mg/Kg	12/16/24 11:20	12/16/24 23:26	SW6010	SW3050
7439-92-1	Lead	5.34		1	0.13	0.52	mg/Kg	12/16/24 11:20	12/16/24 23:26	SW6010	SW3050
7439-95-4	Magnesium	2330		1	3.00	87.3	mg/Kg	12/16/24 11:20	12/16/24 23:26	SW6010	SW3050
7439-96-5	Manganese	39.3		1	0.062	0.87	mg/Kg	12/16/24 11:20	12/16/24 23:26	SW6010	SW3050
7439-97-6	Mercury	0.013	U	1	0.0060	0.013	mg/Kg	12/16/24 09:19	12/16/24 14:40	SW7471B	
7440-02-0	Nickel	9.36		1	0.079	1.75	mg/Kg	12/16/24 11:20	12/16/24 23:26	SW6010	SW3050
7440-09-7	Potassium	348	N	1	25.1	87.3	mg/Kg	12/16/24 11:20	12/16/24 23:26	SW6010	SW3050
7782-49-2	Selenium	0.87	UN	1	0.29	0.87	mg/Kg	12/16/24 11:20	12/16/24 23:26	SW6010	SW3050
7440-22-4	Silver	0.44	UN	1	0.045	0.44	mg/Kg	12/16/24 11:20	12/16/24 23:26	SW6010	SW3050
7440-23-5	Sodium	754		1	31.5	87.3	mg/Kg	12/16/24 11:20	12/16/24 23:26	SW6010	SW3050
7440-28-0	Thallium	1.75	U	1	0.38	1.75	mg/Kg	12/16/24 11:20	12/16/24 23:26	SW6010	SW3050
7440-62-2	Vanadium	12.4		1	0.24	1.75	mg/Kg	12/16/24 11:20	12/16/24 23:26	SW6010	SW3050
7440-66-6	Zinc	120	N	1	0.096	1.75	mg/Kg	12/16/24 11:20	12/16/24 23:26	SW6010	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