

Report of Analysis

Client:	PSEG	Date Collected:	05/13/25
Project:	Chatham M&R	Date Received:	05/13/25
Client Sample ID:	HEATER-PAD	SDG No.:	Q2023
Lab Sample ID:	Q2023-01	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	6020		1	0.70	4.15	mg/Kg	05/15/25 10:10	05/16/25 15:55	6010D	SW3050
7440-36-0	Antimony	0.24	JN	1	0.18	2.07	mg/Kg	05/15/25 10:10	05/16/25 15:55	6010D	SW3050
7440-38-2	Arsenic	2.19		1	0.16	0.83	mg/Kg	05/15/25 10:10	05/16/25 15:55	6010D	SW3050
7440-39-3	Barium	40.3	N	1	0.61	4.15	mg/Kg	05/15/25 10:10	05/16/25 15:55	6010D	SW3050
7440-41-7	Beryllium	0.71	N	1	0.021	0.25	mg/Kg	05/15/25 10:10	05/16/25 15:55	6010D	SW3050
7440-43-9	Cadmium	0.25	U	1	0.020	0.25	mg/Kg	05/15/25 10:10	05/16/25 15:55	6010D	SW3050
7440-70-2	Calcium	69700	*	1	9.21	83.0	mg/Kg	05/15/25 10:10	05/16/25 15:55	6010D	SW3050
7440-47-3	Chromium	15.3		1	0.039	0.42	mg/Kg	05/15/25 10:10	05/16/25 15:55	6010D	SW3050
7440-48-4	Cobalt	1.93		1	0.083	1.24	mg/Kg	05/15/25 10:10	05/16/25 15:55	6010D	SW3050
7440-50-8	Copper	9.02	N	1	0.18	0.83	mg/Kg	05/15/25 10:10	05/16/25 15:55	6010D	SW3050
7439-89-6	Iron	7210		1	3.31	4.15	mg/Kg	05/15/25 10:10	05/16/25 15:55	6010D	SW3050
7439-92-1	Lead	2.36		1	0.11	0.50	mg/Kg	05/15/25 10:10	05/16/25 15:55	6010D	SW3050
7439-95-4	Magnesium	6090		1	9.96	83.0	mg/Kg	05/15/25 10:10	05/16/25 15:55	6010D	SW3050
7439-96-5	Manganese	265	*	1	0.12	0.83	mg/Kg	05/15/25 10:10	05/16/25 15:55	6010D	SW3050
7439-97-6	Mercury	0.010	J	1	0.0070	0.012	mg/Kg	05/15/25 08:55	05/15/25 13:57	7471B	
7440-02-0	Nickel	8.68		1	0.11	1.66	mg/Kg	05/15/25 10:10	05/16/25 15:55	6010D	SW3050
7440-09-7	Potassium	460		1	23.0	83.0	mg/Kg	05/15/25 10:10	05/16/25 15:55	6010D	SW3050
7782-49-2	Selenium	0.83	UN	1	0.22	0.83	mg/Kg	05/15/25 10:10	05/16/25 15:55	6010D	SW3050
7440-22-4	Silver	0.42	UN	1	0.10	0.42	mg/Kg	05/15/25 10:10	05/16/25 15:55	6010D	SW3050
7440-23-5	Sodium	275	N	1	14.8	83.0	mg/Kg	05/15/25 10:10	05/16/25 15:55	6010D	SW3050
7440-28-0	Thallium	1.66	U	1	0.19	1.66	mg/Kg	05/15/25 10:10	05/16/25 15:55	6010D	SW3050
7440-62-2	Vanadium	8.27		1	0.21	1.66	mg/Kg	05/15/25 10:10	05/16/25 15:55	6010D	SW3050
7440-66-6	Zinc	31.1	N	1	0.19	1.66	mg/Kg	05/15/25 10:10	05/16/25 15:55	6010D	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