

Report of Analysis

Client:	PSEG	Date Collected:	09/30/25
Project:	Hamilton M&R	Date Received:	09/30/25
Client Sample ID:	ARS20-0009	SDG No.:	Q3253
Lab Sample ID:	Q3253-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	94.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	18600		1	0.74	4.40	mg/Kg	10/01/25 10:40	10/01/25 13:49	6010D	SW3050
7440-36-0	Antimony	2.20	U	1	0.19	2.20	mg/Kg	10/01/25 10:40	10/01/25 13:49	6010D	SW3050
7440-38-2	Arsenic	24.1		1	0.17	0.88	mg/Kg	10/01/25 10:40	10/01/25 13:49	6010D	SW3050
7440-39-3	Barium	89.0		1	0.64	4.40	mg/Kg	10/01/25 10:40	10/01/25 13:49	6010D	SW3050
7440-41-7	Beryllium	1.13		1	0.022	0.26	mg/Kg	10/01/25 10:40	10/01/25 13:49	6010D	SW3050
7440-43-9	Cadmium	0.30		1	0.021	0.26	mg/Kg	10/01/25 10:40	10/01/25 13:49	6010D	SW3050
7440-70-2	Calcium	4990		1	9.78	88.1	mg/Kg	10/01/25 10:40	10/01/25 13:49	6010D	SW3050
7440-47-3	Chromium	27.8		1	0.041	0.44	mg/Kg	10/01/25 10:40	10/01/25 13:49	6010D	SW3050
7440-48-4	Cobalt	11.4		1	0.088	1.32	mg/Kg	10/01/25 10:40	10/01/25 13:49	6010D	SW3050
7440-50-8	Copper	27.7		1	0.19	0.88	mg/Kg	10/01/25 10:40	10/01/25 13:49	6010D	SW3050
7439-89-6	Iron	20600		1	3.51	4.40	mg/Kg	10/01/25 10:40	10/01/25 13:49	6010D	SW3050
7439-92-1	Lead	15.1		1	0.12	0.53	mg/Kg	10/01/25 10:40	10/01/25 13:49	6010D	SW3050
7439-95-4	Magnesium	9100		1	10.6	88.1	mg/Kg	10/01/25 10:40	10/01/25 13:49	6010D	SW3050
7439-96-5	Manganese	316		1	0.12	0.88	mg/Kg	10/01/25 10:40	10/01/25 13:49	6010D	SW3050
7439-97-6	Mercury	0.012	J	1	0.0070	0.013	mg/Kg	09/30/25 16:30	10/01/25 09:32	7471B	
7440-02-0	Nickel	22.6		1	0.12	1.76	mg/Kg	10/01/25 10:40	10/01/25 13:49	6010D	SW3050
7440-09-7	Potassium	9560		1	24.4	88.1	mg/Kg	10/01/25 10:40	10/01/25 13:49	6010D	SW3050
7782-49-2	Selenium	0.32	J	1	0.23	0.88	mg/Kg	10/01/25 10:40	10/01/25 13:49	6010D	SW3050
7440-22-4	Silver	0.36	J	1	0.11	0.44	mg/Kg	10/01/25 10:40	10/01/25 13:49	6010D	SW3050
7440-23-5	Sodium	6530		1	15.7	88.1	mg/Kg	10/01/25 10:40	10/01/25 13:49	6010D	SW3050
7440-28-0	Thallium	1.76	U	1	0.20	1.76	mg/Kg	10/01/25 10:40	10/01/25 13:49	6010D	SW3050
7440-62-2	Vanadium	39.9		1	0.22	1.76	mg/Kg	10/01/25 10:40	10/01/25 13:49	6010D	SW3050
7440-66-6	Zinc	65.4		1	0.20	1.76	mg/Kg	10/01/25 10:40	10/01/25 13:49	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	Soil Safe-Logan Twp			

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