

Report of Analysis

Client:	PSEG	Date Collected:	05/13/25
Project:	Galloping Hills Sub OP	Date Received:	05/13/25
Client Sample ID:	MH-K	SDG No.:	Q2019
Lab Sample ID:	Q2019-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	89.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	2990		1	0.87	5.18	mg/Kg	05/15/25 10:10	05/16/25 15:47	6010D	SW3050
7440-36-0	Antimony	2.59	UN	1	0.23	2.59	mg/Kg	05/15/25 10:10	05/16/25 15:47	6010D	SW3050
7440-38-2	Arsenic	1.07		1	0.20	1.04	mg/Kg	05/15/25 10:10	05/16/25 15:47	6010D	SW3050
7440-39-3	Barium	23.7	N	1	0.76	5.18	mg/Kg	05/15/25 10:10	05/16/25 15:47	6010D	SW3050
7440-41-7	Beryllium	0.32	N	1	0.026	0.31	mg/Kg	05/15/25 10:10	05/16/25 15:47	6010D	SW3050
7440-43-9	Cadmium	0.31	U	1	0.025	0.31	mg/Kg	05/15/25 10:10	05/16/25 15:47	6010D	SW3050
7440-70-2	Calcium	895	*	1	11.5	104	mg/Kg	05/15/25 10:10	05/16/25 15:47	6010D	SW3050
7440-47-3	Chromium	6.12		1	0.049	0.52	mg/Kg	05/15/25 10:10	05/16/25 15:47	6010D	SW3050
7440-48-4	Cobalt	3.57		1	0.10	1.55	mg/Kg	05/15/25 10:10	05/16/25 15:47	6010D	SW3050
7440-50-8	Copper	22.6	N	1	0.23	1.04	mg/Kg	05/15/25 10:10	05/16/25 15:47	6010D	SW3050
7439-89-6	Iron	7840		1	4.13	5.18	mg/Kg	05/15/25 10:10	05/16/25 15:47	6010D	SW3050
7439-92-1	Lead	5.81		1	0.14	0.62	mg/Kg	05/15/25 10:10	05/16/25 15:47	6010D	SW3050
7439-95-4	Magnesium	1340		1	12.4	104	mg/Kg	05/15/25 10:10	05/16/25 15:47	6010D	SW3050
7439-96-5	Manganese	142	*	1	0.14	1.04	mg/Kg	05/15/25 10:10	05/16/25 15:47	6010D	SW3050
7439-97-6	Mercury	0.014	U	1	0.0080	0.014	mg/Kg	05/15/25 08:55	05/15/25 13:38	7471B	
7440-02-0	Nickel	7.73		1	0.14	2.07	mg/Kg	05/15/25 10:10	05/16/25 15:47	6010D	SW3050
7440-09-7	Potassium	432		1	28.7	104	mg/Kg	05/15/25 10:10	05/16/25 15:47	6010D	SW3050
7782-49-2	Selenium	0.81	JN	1	0.27	1.04	mg/Kg	05/15/25 10:10	05/16/25 15:47	6010D	SW3050
7440-22-4	Silver	0.52	UN	1	0.12	0.52	mg/Kg	05/15/25 10:10	05/16/25 15:47	6010D	SW3050
7440-23-5	Sodium	235	N	1	18.4	104	mg/Kg	05/15/25 10:10	05/16/25 15:47	6010D	SW3050
7440-28-0	Thallium	2.07	U	1	0.24	2.07	mg/Kg	05/15/25 10:10	05/16/25 15:47	6010D	SW3050
7440-62-2	Vanadium	9.32		1	0.26	2.07	mg/Kg	05/15/25 10:10	05/16/25 15:47	6010D	SW3050
7440-66-6	Zinc	91.9	N	1	0.24	2.07	mg/Kg	05/15/25 10:10	05/16/25 15:47	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	Full Waste Classification			

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