

Report of Analysis

Client:	PSEG	Date Collected:	09/08/25
Project:	PSEG Spring Valley	Date Received:	09/09/25
Client Sample ID:	MH-385	SDG No.:	Q3054
Lab Sample ID:	Q3054-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	90.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6740		1	0.86	5.09	mg/Kg	09/10/25 14:10	09/10/25 16:24	6010D	SW3050
7440-36-0	Antimony	2.55	UN	1	0.22	2.55	mg/Kg	09/10/25 14:10	09/10/25 16:24	6010D	SW3050
7440-38-2	Arsenic	3.13		1	0.19	1.02	mg/Kg	09/10/25 14:10	09/10/25 16:24	6010D	SW3050
7440-39-3	Barium	33.1	*	1	0.74	5.09	mg/Kg	09/10/25 14:10	09/10/25 16:24	6010D	SW3050
7440-41-7	Beryllium	0.50	*	1	0.025	0.31	mg/Kg	09/10/25 14:10	09/10/25 16:24	6010D	SW3050
7440-43-9	Cadmium	0.14	J	1	0.024	0.31	mg/Kg	09/10/25 14:10	09/10/25 16:24	6010D	SW3050
7440-70-2	Calcium	585	*	1	11.3	102	mg/Kg	09/10/25 14:10	09/10/25 16:24	6010D	SW3050
7440-47-3	Chromium	8.42	*	1	0.048	0.51	mg/Kg	09/10/25 14:10	09/10/25 16:24	6010D	SW3050
7440-48-4	Cobalt	4.63		1	0.10	1.53	mg/Kg	09/10/25 14:10	09/10/25 16:24	6010D	SW3050
7440-50-8	Copper	7.64	*	1	0.22	1.02	mg/Kg	09/10/25 14:10	09/10/25 16:24	6010D	SW3050
7439-89-6	Iron	11100		1	4.06	5.09	mg/Kg	09/10/25 14:10	09/10/25 16:24	6010D	SW3050
7439-92-1	Lead	12.0	*	1	0.13	0.61	mg/Kg	09/10/25 14:10	09/10/25 16:24	6010D	SW3050
7439-95-4	Magnesium	1110		1	12.2	102	mg/Kg	09/10/25 14:10	09/10/25 16:24	6010D	SW3050
7439-96-5	Manganese	251	*	1	0.14	1.02	mg/Kg	09/10/25 14:10	09/10/25 16:24	6010D	SW3050
7439-97-6	Mercury	0.058		1	0.0080	0.014	mg/Kg	09/09/25 14:30	09/10/25 15:45	7471B	
7440-02-0	Nickel	8.23	*	1	0.13	2.04	mg/Kg	09/10/25 14:10	09/10/25 16:24	6010D	SW3050
7440-09-7	Potassium	402		1	28.2	102	mg/Kg	09/10/25 14:10	09/10/25 16:24	6010D	SW3050
7782-49-2	Selenium	1.02	U	1	0.27	1.02	mg/Kg	09/10/25 14:10	09/10/25 16:24	6010D	SW3050
7440-22-4	Silver	0.51	U	1	0.12	0.51	mg/Kg	09/10/25 14:10	09/10/25 16:24	6010D	SW3050
7440-23-5	Sodium	690		1	18.1	102	mg/Kg	09/10/25 14:10	09/10/25 16:24	6010D	SW3050
7440-28-0	Thallium	2.04	U	1	0.23	2.04	mg/Kg	09/10/25 14:10	09/10/25 16:24	6010D	SW3050
7440-62-2	Vanadium	14.7		1	0.26	2.04	mg/Kg	09/10/25 14:10	09/10/25 16:24	6010D	SW3050
7440-66-6	Zinc	22.4	*	1	0.23	2.04	mg/Kg	09/10/25 14:10	09/10/25 16:24	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
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