

Report of Analysis

Client:	PSEG	Date Collected:	10/06/25
Project:	New Freedom Switch	Date Received:	10/06/25
Client Sample ID:	TP1	SDG No.:	Q3297
Lab Sample ID:	Q3297-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	92.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8620		1	0.85	5.06	mg/Kg	10/07/25 09:45	10/08/25 14:35	6010D	SW3050
7440-36-0	Antimony	2.53	UN	1	0.22	2.53	mg/Kg	10/07/25 09:45	10/08/25 14:35	6010D	SW3050
7440-38-2	Arsenic	2.60		1	0.19	1.01	mg/Kg	10/07/25 09:45	10/08/25 14:35	6010D	SW3050
7440-39-3	Barium	17.2		1	0.74	5.06	mg/Kg	10/07/25 09:45	10/08/25 14:35	6010D	SW3050
7440-41-7	Beryllium	0.26	JN	1	0.025	0.30	mg/Kg	10/07/25 09:45	10/08/25 14:35	6010D	SW3050
7440-43-9	Cadmium	0.12	J	1	0.024	0.30	mg/Kg	10/07/25 09:45	10/08/25 14:35	6010D	SW3050
7440-70-2	Calcium	584		1	11.2	101	mg/Kg	10/07/25 09:45	10/08/25 14:35	6010D	SW3050
7440-47-3	Chromium	10.6		1	0.048	0.51	mg/Kg	10/07/25 09:45	10/08/25 14:35	6010D	SW3050
7440-48-4	Cobalt	1.21	J	1	0.10	1.52	mg/Kg	10/07/25 09:45	10/08/25 14:35	6010D	SW3050
7440-50-8	Copper	5.69		1	0.22	1.01	mg/Kg	10/07/25 09:45	10/08/25 14:35	6010D	SW3050
7439-89-6	Iron	8130	*	1	4.04	5.06	mg/Kg	10/07/25 09:45	10/08/25 14:35	6010D	SW3050
7439-92-1	Lead	5.45		1	0.13	0.61	mg/Kg	10/07/25 09:45	10/08/25 14:35	6010D	SW3050
7439-95-4	Magnesium	306		1	12.2	101	mg/Kg	10/07/25 09:45	10/08/25 14:35	6010D	SW3050
7439-96-5	Manganese	19.2		1	0.14	1.01	mg/Kg	10/07/25 09:45	10/08/25 14:35	6010D	SW3050
7439-97-6	Mercury	0.019		1	0.0080	0.014	mg/Kg	10/07/25 11:30	10/07/25 15:25	7471B	
7440-02-0	Nickel	4.30		1	0.13	2.03	mg/Kg	10/07/25 09:45	10/08/25 14:35	6010D	SW3050
7440-09-7	Potassium	245	N	1	28.1	101	mg/Kg	10/07/25 09:45	10/08/25 14:35	6010D	SW3050
7782-49-2	Selenium	0.46	JN	1	0.26	1.01	mg/Kg	10/07/25 09:45	10/08/25 14:35	6010D	SW3050
7440-22-4	Silver	1.48	N	1	0.12	0.51	mg/Kg	10/07/25 09:45	10/08/25 14:35	6010D	SW3050
7440-23-5	Sodium	101	U	1	18.0	101	mg/Kg	10/07/25 09:45	10/08/25 14:35	6010D	SW3050
7440-28-0	Thallium	2.03	U	1	0.23	2.03	mg/Kg	10/07/25 09:45	10/08/25 14:35	6010D	SW3050
7440-62-2	Vanadium	17.6		1	0.25	2.03	mg/Kg	10/07/25 09:45	10/08/25 14:35	6010D	SW3050
7440-66-6	Zinc	6.05	N	1	0.23	2.03	mg/Kg	10/07/25 09:45	10/08/25 14:35	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