

Report of Analysis

Client:	PSEG	Date Collected:	08/21/25
Project:	No. Bordentwon LHFU	Date Received:	08/21/25
Client Sample ID:	25-SEPTIC	SDG No.:	Q2933
Lab Sample ID:	Q2933-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	88.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5740		1	0.89	5.30	mg/Kg	08/22/25 10:35	08/25/25 14:29	6010D	SW3050
7440-36-0	Antimony	2.65	UN	1	0.23	2.65	mg/Kg	08/22/25 10:35	08/25/25 14:29	6010D	SW3050
7440-38-2	Arsenic	11.1		1	0.20	1.06	mg/Kg	08/22/25 10:35	08/25/25 14:29	6010D	SW3050
7440-39-3	Barium	9.98		1	0.77	5.30	mg/Kg	08/22/25 10:35	08/25/25 14:29	6010D	SW3050
7440-41-7	Beryllium	1.32		1	0.026	0.32	mg/Kg	08/22/25 10:35	08/25/25 14:29	6010D	SW3050
7440-43-9	Cadmium	0.61		1	0.025	0.32	mg/Kg	08/22/25 10:35	08/25/25 14:29	6010D	SW3050
7440-70-2	Calcium	863		1	11.8	106	mg/Kg	08/22/25 10:35	08/25/25 14:29	6010D	SW3050
7440-47-3	Chromium	66.3	N	1	0.050	0.53	mg/Kg	08/22/25 10:35	08/25/25 14:29	6010D	SW3050
7440-48-4	Cobalt	3.31		1	0.11	1.59	mg/Kg	08/22/25 10:35	08/25/25 14:29	6010D	SW3050
7440-50-8	Copper	7.44		1	0.23	1.06	mg/Kg	08/22/25 10:35	08/25/25 14:29	6010D	SW3050
7439-89-6	Iron	29000		1	4.23	5.30	mg/Kg	08/22/25 10:35	08/25/25 14:29	6010D	SW3050
7439-92-1	Lead	6.50		1	0.14	0.64	mg/Kg	08/22/25 10:35	08/25/25 14:29	6010D	SW3050
7439-95-4	Magnesium	1680		1	12.7	106	mg/Kg	08/22/25 10:35	08/25/25 14:29	6010D	SW3050
7439-96-5	Manganese	52.0		1	0.15	1.06	mg/Kg	08/22/25 10:35	08/25/25 14:29	6010D	SW3050
7439-97-6	Mercury	0.012	J	1	0.0090	0.015	mg/Kg	08/21/25 16:35	08/22/25 13:42	7471B	
7440-02-0	Nickel	6.05		1	0.14	2.12	mg/Kg	08/22/25 10:35	08/25/25 14:29	6010D	SW3050
7440-09-7	Potassium	4250		1	29.4	106	mg/Kg	08/22/25 10:35	08/25/25 14:29	6010D	SW3050
7782-49-2	Selenium	0.73	J	1	0.28	1.06	mg/Kg	08/22/25 10:35	08/25/25 14:29	6010D	SW3050
7440-22-4	Silver	0.86		1	0.13	0.53	mg/Kg	08/22/25 10:35	08/25/25 14:29	6010D	SW3050
7440-23-5	Sodium	38.3	J	1	18.9	106	mg/Kg	08/22/25 10:35	08/25/25 14:29	6010D	SW3050
7440-28-0	Thallium	2.12	UN	1	0.24	2.12	mg/Kg	08/22/25 10:35	08/25/25 14:29	6010D	SW3050
7440-62-2	Vanadium	33.9		1	0.27	2.12	mg/Kg	08/22/25 10:35	08/25/25 14:29	6010D	SW3050
7440-66-6	Zinc	39.3		1	0.24	2.12	mg/Kg	08/22/25 10:35	08/25/25 14:29	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