

Report of Analysis

Client:	PSEG	Date Collected:	08/21/25
Project:	No. Bordentwon LHFU	Date Received:	08/21/25
Client Sample ID:	29-SEPTIC	SDG No.:	Q2933
Lab Sample ID:	Q2933-04	Matrix:	SOIL
Level (low/med):	low	% Solid:	86.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6390		1	0.85	5.04	mg/Kg	08/22/25 10:35	08/25/25 14:41	6010D	SW3050
7440-36-0	Antimony	2.52	UN	1	0.22	2.52	mg/Kg	08/22/25 10:35	08/25/25 14:41	6010D	SW3050
7440-38-2	Arsenic	12.1		1	0.19	1.01	mg/Kg	08/22/25 10:35	08/25/25 14:41	6010D	SW3050
7440-39-3	Barium	13.9		1	0.74	5.04	mg/Kg	08/22/25 10:35	08/25/25 14:41	6010D	SW3050
7440-41-7	Beryllium	1.41		1	0.025	0.30	mg/Kg	08/22/25 10:35	08/25/25 14:41	6010D	SW3050
7440-43-9	Cadmium	0.61		1	0.024	0.30	mg/Kg	08/22/25 10:35	08/25/25 14:41	6010D	SW3050
7440-70-2	Calcium	625		1	11.2	101	mg/Kg	08/22/25 10:35	08/25/25 14:41	6010D	SW3050
7440-47-3	Chromium	71.7	N	1	0.047	0.50	mg/Kg	08/22/25 10:35	08/25/25 14:41	6010D	SW3050
7440-48-4	Cobalt	2.71		1	0.10	1.51	mg/Kg	08/22/25 10:35	08/25/25 14:41	6010D	SW3050
7440-50-8	Copper	8.35		1	0.22	1.01	mg/Kg	08/22/25 10:35	08/25/25 14:41	6010D	SW3050
7439-89-6	Iron	32200		1	4.02	5.04	mg/Kg	08/22/25 10:35	08/25/25 14:41	6010D	SW3050
7439-92-1	Lead	9.54		1	0.13	0.61	mg/Kg	08/22/25 10:35	08/25/25 14:41	6010D	SW3050
7439-95-4	Magnesium	1610		1	12.1	101	mg/Kg	08/22/25 10:35	08/25/25 14:41	6010D	SW3050
7439-96-5	Manganese	38.6		1	0.14	1.01	mg/Kg	08/22/25 10:35	08/25/25 14:41	6010D	SW3050
7439-97-6	Mercury	0.016		1	0.0090	0.016	mg/Kg	08/21/25 16:35	08/22/25 13:44	7471B	
7440-02-0	Nickel	5.69		1	0.13	2.02	mg/Kg	08/22/25 10:35	08/25/25 14:41	6010D	SW3050
7440-09-7	Potassium	4590		1	27.9	101	mg/Kg	08/22/25 10:35	08/25/25 14:41	6010D	SW3050
7782-49-2	Selenium	0.90	J	1	0.26	1.01	mg/Kg	08/22/25 10:35	08/25/25 14:41	6010D	SW3050
7440-22-4	Silver	1.10		1	0.12	0.50	mg/Kg	08/22/25 10:35	08/25/25 14:41	6010D	SW3050
7440-23-5	Sodium	53.2	J	1	17.9	101	mg/Kg	08/22/25 10:35	08/25/25 14:41	6010D	SW3050
7440-28-0	Thallium	2.02	UN	1	0.23	2.02	mg/Kg	08/22/25 10:35	08/25/25 14:41	6010D	SW3050
7440-62-2	Vanadium	38.2		1	0.25	2.02	mg/Kg	08/22/25 10:35	08/25/25 14:41	6010D	SW3050
7440-66-6	Zinc	45.1		1	0.23	2.02	mg/Kg	08/22/25 10:35	08/25/25 14:41	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