

Report of Analysis

Client:	Tetra Tech	Date Collected:	11/14/24
Project:	Ocean County Landfill 2024	Date Received:	11/14/24
Client Sample ID:	PH2-BOT-005	SDG No.:	P4860
Lab Sample ID:	P4860-10	Matrix:	SOIL
Level (low/med):	low	% Solid:	97.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	220		1	2.19	4.55	mg/Kg	11/18/24 09:30	11/19/24 16:48	SW6010	SW3050
7440-36-0	Antimony	0.14	UN	1	0.14	2.28	mg/Kg	11/18/24 09:30	11/19/24 16:48	SW6010	SW3050
7440-38-2	Arsenic	0.26	U	1	0.26	0.91	mg/Kg	11/18/24 09:30	11/19/24 16:48	SW6010	SW3050
7440-39-3	Barium	0.58	U	1	0.58	4.55	mg/Kg	11/18/24 09:30	11/19/24 16:48	SW6010	SW3050
7440-41-7	Beryllium	0.029	J	1	0.011	0.27	mg/Kg	11/18/24 09:30	11/19/24 16:48	SW6010	SW3050
7440-43-9	Cadmium	0.041	J	1	0.015	0.27	mg/Kg	11/18/24 09:30	11/19/24 16:48	SW6010	SW3050
7440-70-2	Calcium	81.8	J	1	2.55	91.1	mg/Kg	11/18/24 09:30	11/19/24 16:48	SW6010	SW3050
7440-47-3	Chromium	2.58		1	0.049	0.46	mg/Kg	11/18/24 09:30	11/19/24 16:48	SW6010	SW3050
7440-48-4	Cobalt	0.073	J	1	0.053	1.37	mg/Kg	11/18/24 09:30	11/19/24 16:48	SW6010	SW3050
7440-50-8	Copper	0.96	N	1	0.43	0.91	mg/Kg	11/18/24 09:30	11/19/24 16:48	SW6010	SW3050
7439-89-6	Iron	1550		1	2.45	4.55	mg/Kg	11/18/24 09:30	11/19/24 16:48	SW6010	SW3050
7439-92-1	Lead	0.55		1	0.14	0.55	mg/Kg	11/18/24 09:30	11/19/24 16:48	SW6010	SW3050
7439-95-4	Magnesium	9.02	J	1	3.12	91.1	mg/Kg	11/18/24 09:30	11/19/24 16:48	SW6010	SW3050
7439-96-5	Manganese	2.02		1	0.065	0.91	mg/Kg	11/18/24 09:30	11/19/24 16:48	SW6010	SW3050
7439-97-6	Mercury	0.0060	U	1	0.0060	0.013	mg/Kg	11/21/24 14:40	11/22/24 14:50	SW7471B	
7440-02-0	Nickel	0.46	J	1	0.082	1.82	mg/Kg	11/18/24 09:30	11/19/24 16:48	SW6010	SW3050
7440-09-7	Potassium	26.1	U	1	26.1	91.1	mg/Kg	11/18/24 09:30	11/19/24 16:48	SW6010	SW3050
7782-49-2	Selenium	0.30	UN	1	0.30	0.91	mg/Kg	11/18/24 09:30	11/19/24 16:48	SW6010	SW3050
7440-22-4	Silver	0.047	U	1	0.047	0.46	mg/Kg	11/18/24 09:30	11/19/24 16:48	SW6010	SW3050
7440-23-5	Sodium	32.9	U	1	32.9	91.1	mg/Kg	11/18/24 09:30	11/19/24 16:48	SW6010	SW3050
7440-28-0	Thallium	0.40	U	1	0.40	1.82	mg/Kg	11/18/24 09:30	11/19/24 16:48	SW6010	SW3050
7440-62-2	Vanadium	3.33		1	0.25	1.82	mg/Kg	11/18/24 09:30	11/19/24 16:48	SW6010	SW3050
7440-66-6	Zinc	2.59		1	0.10	1.82	mg/Kg	11/18/24 09:30	11/19/24 16:48	SW6010	SW3050

Color Before:	Light Brown	Clarity Before:	Texture:	Medium
Color After:	Light Green	Clarity After:	Artifacts:	
Comments:	TCL+30/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