

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-003	SDG No.:	P4860
Lab Sample ID:	P4860-04	Matrix:	SOIL
Level (low/med):	low	% Solid:	97.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	1300		1	2.16	4.48	mg/Kg	11/18/24 09:30	11/19/24 16:14	SW6010	SW3050
7440-36-0	Antimony	0.14	UN	1	0.14	2.24	mg/Kg	11/18/24 09:30	11/19/24 16:14	SW6010	SW3050
7440-38-2	Arsenic	0.55	J	1	0.26	0.90	mg/Kg	11/18/24 09:30	11/19/24 16:14	SW6010	SW3050
7440-39-3	Barium	3.61	J	1	0.57	4.48	mg/Kg	11/18/24 09:30	11/19/24 16:14	SW6010	SW3050
7440-41-7	Beryllium	0.21	J	1	0.011	0.27	mg/Kg	11/18/24 09:30	11/19/24 16:14	SW6010	SW3050
7440-43-9	Cadmium	0.36		1	0.014	0.27	mg/Kg	11/18/24 09:30	11/19/24 16:14	SW6010	SW3050
7440-70-2	Calcium	348		1	2.51	89.7	mg/Kg	11/18/24 09:30	11/19/24 16:14	SW6010	SW3050
7440-47-3	Chromium	17.9		1	0.048	0.45	mg/Kg	11/18/24 09:30	11/19/24 16:14	SW6010	SW3050
7440-48-4	Cobalt	0.44	J	1	0.052	1.35	mg/Kg	11/18/24 09:30	11/19/24 16:14	SW6010	SW3050
7440-50-8	Copper	5.12	N	1	0.42	0.90	mg/Kg	11/18/24 09:30	11/19/24 16:14	SW6010	SW3050
7439-89-6	Iron	10100		1	2.41	4.48	mg/Kg	11/18/24 09:30	11/19/24 16:14	SW6010	SW3050
7439-92-1	Lead	2.93		1	0.14	0.54	mg/Kg	11/18/24 09:30	11/19/24 16:14	SW6010	SW3050
7439-95-4	Magnesium	37.6	J	1	3.08	89.7	mg/Kg	11/18/24 09:30	11/19/24 16:14	SW6010	SW3050
7439-96-5	Manganese	2.89		1	0.064	0.90	mg/Kg	11/18/24 09:30	11/19/24 16:14	SW6010	SW3050
7439-97-6	Mercury	0.039		1	0.0060	0.014	mg/Kg	11/21/24 14:40	11/22/24 14:36	SW7471B	
7440-02-0	Nickel	1.01	J	1	0.081	1.79	mg/Kg	11/18/24 09:30	11/19/24 16:14	SW6010	SW3050
7440-09-7	Potassium	39.3	J	1	25.7	89.7	mg/Kg	11/18/24 09:30	11/19/24 16:14	SW6010	SW3050
7782-49-2	Selenium	0.30	UN	1	0.30	0.90	mg/Kg	11/18/24 09:30	11/19/24 16:14	SW6010	SW3050
7440-22-4	Silver	0.094	J	1	0.047	0.45	mg/Kg	11/18/24 09:30	11/19/24 16:14	SW6010	SW3050
7440-23-5	Sodium	32.4	U	1	32.4	89.7	mg/Kg	11/18/24 09:30	11/19/24 16:14	SW6010	SW3050
7440-28-0	Thallium	0.40	U	1	0.40	1.79	mg/Kg	11/18/24 09:30	11/19/24 16:14	SW6010	SW3050
7440-62-2	Vanadium	10.8		1	0.24	1.79	mg/Kg	11/18/24 09:30	11/19/24 16:14	SW6010	SW3050
7440-66-6	Zinc	7.61		1	0.099	1.79	mg/Kg	11/18/24 09:30	11/19/24 16:14	SW6010	SW3050

Color Before:	LightBrown	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