

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-004	SDG No.:	P4860
Lab Sample ID:	P4860-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	98.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	816		1	2.24	4.65	mg/Kg	11/18/24 09:30	11/19/24 16:27	SW6010	SW3050
7440-36-0	Antimony	0.14	UN	1	0.14	2.33	mg/Kg	11/18/24 09:30	11/19/24 16:27	SW6010	SW3050
7440-38-2	Arsenic	0.70	J	1	0.27	0.93	mg/Kg	11/18/24 09:30	11/19/24 16:27	SW6010	SW3050
7440-39-3	Barium	2.23	J	1	0.60	4.65	mg/Kg	11/18/24 09:30	11/19/24 16:27	SW6010	SW3050
7440-41-7	Beryllium	0.12	J	1	0.011	0.28	mg/Kg	11/18/24 09:30	11/19/24 16:27	SW6010	SW3050
7440-43-9	Cadmium	0.18	J	1	0.015	0.28	mg/Kg	11/18/24 09:30	11/19/24 16:27	SW6010	SW3050
7440-70-2	Calcium	103		1	2.61	93.1	mg/Kg	11/18/24 09:30	11/19/24 16:27	SW6010	SW3050
7440-47-3	Chromium	4.73		1	0.050	0.47	mg/Kg	11/18/24 09:30	11/19/24 16:27	SW6010	SW3050
7440-48-4	Cobalt	0.30	J	1	0.054	1.40	mg/Kg	11/18/24 09:30	11/19/24 16:27	SW6010	SW3050
7440-50-8	Copper	2.47	N	1	0.44	0.93	mg/Kg	11/18/24 09:30	11/19/24 16:27	SW6010	SW3050
7439-89-6	Iron	5890		1	2.50	4.65	mg/Kg	11/18/24 09:30	11/19/24 16:27	SW6010	SW3050
7439-92-1	Lead	1.55		1	0.14	0.56	mg/Kg	11/18/24 09:30	11/19/24 16:27	SW6010	SW3050
7439-95-4	Magnesium	58.4	J	1	3.19	93.1	mg/Kg	11/18/24 09:30	11/19/24 16:27	SW6010	SW3050
7439-96-5	Manganese	3.41		1	0.066	0.93	mg/Kg	11/18/24 09:30	11/19/24 16:27	SW6010	SW3050
7439-97-6	Mercury	0.0060	U	1	0.0060	0.013	mg/Kg	11/21/24 14:40	11/22/24 14:39	SW7471B	
7440-02-0	Nickel	0.65	J	1	0.084	1.86	mg/Kg	11/18/24 09:30	11/19/24 16:27	SW6010	SW3050
7440-09-7	Potassium	84.0	J	1	26.7	93.1	mg/Kg	11/18/24 09:30	11/19/24 16:27	SW6010	SW3050
7782-49-2	Selenium	0.31	UN	1	0.31	0.93	mg/Kg	11/18/24 09:30	11/19/24 16:27	SW6010	SW3050
7440-22-4	Silver	0.048	U	1	0.048	0.47	mg/Kg	11/18/24 09:30	11/19/24 16:27	SW6010	SW3050
7440-23-5	Sodium	33.6	U	1	33.6	93.1	mg/Kg	11/18/24 09:30	11/19/24 16:27	SW6010	SW3050
7440-28-0	Thallium	0.41	U	1	0.41	1.86	mg/Kg	11/18/24 09:30	11/19/24 16:27	SW6010	SW3050
7440-62-2	Vanadium	5.62		1	0.25	1.86	mg/Kg	11/18/24 09:30	11/19/24 16:27	SW6010	SW3050
7440-66-6	Zinc	4.29		1	0.10	1.86	mg/Kg	11/18/24 09:30	11/19/24 16:27	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