

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-001	SDG No.:	P4860
Lab Sample ID:	P4860-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	96.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	802		1	2.07	4.29	mg/Kg	11/18/24 09:30	11/19/24 16:06	SW6010	SW3050
7440-36-0	Antimony	0.13	UN	1	0.13	2.14	mg/Kg	11/18/24 09:30	11/19/24 16:06	SW6010	SW3050
7440-38-2	Arsenic	0.25	U	1	0.25	0.86	mg/Kg	11/18/24 09:30	11/19/24 16:06	SW6010	SW3050
7440-39-3	Barium	3.59	J	1	0.55	4.29	mg/Kg	11/18/24 09:30	11/19/24 16:06	SW6010	SW3050
7440-41-7	Beryllium	0.042	J	1	0.010	0.26	mg/Kg	11/18/24 09:30	11/19/24 16:06	SW6010	SW3050
7440-43-9	Cadmium	0.095	J	1	0.014	0.26	mg/Kg	11/18/24 09:30	11/19/24 16:06	SW6010	SW3050
7440-70-2	Calcium	245		1	2.40	85.7	mg/Kg	11/18/24 09:30	11/19/24 16:06	SW6010	SW3050
7440-47-3	Chromium	4.30		1	0.046	0.43	mg/Kg	11/18/24 09:30	11/19/24 16:06	SW6010	SW3050
7440-48-4	Cobalt	0.15	J	1	0.050	1.29	mg/Kg	11/18/24 09:30	11/19/24 16:06	SW6010	SW3050
7440-50-8	Copper	4.12	N	1	0.40	0.86	mg/Kg	11/18/24 09:30	11/19/24 16:06	SW6010	SW3050
7439-89-6	Iron	1740		1	2.31	4.29	mg/Kg	11/18/24 09:30	11/19/24 16:06	SW6010	SW3050
7439-92-1	Lead	3.02		1	0.13	0.51	mg/Kg	11/18/24 09:30	11/19/24 16:06	SW6010	SW3050
7439-95-4	Magnesium	32.0	J	1	2.94	85.7	mg/Kg	11/18/24 09:30	11/19/24 16:06	SW6010	SW3050
7439-96-5	Manganese	7.09		1	0.061	0.86	mg/Kg	11/18/24 09:30	11/19/24 16:06	SW6010	SW3050
7439-97-6	Mercury	0.016		1	0.0060	0.012	mg/Kg	11/21/24 14:40	11/22/24 14:27	SW7471B	
7440-02-0	Nickel	1.70	J	1	0.077	1.71	mg/Kg	11/18/24 09:30	11/19/24 16:06	SW6010	SW3050
7440-09-7	Potassium	54.3	J	1	24.6	85.7	mg/Kg	11/18/24 09:30	11/19/24 16:06	SW6010	SW3050
7782-49-2	Selenium	0.28	UN	1	0.28	0.86	mg/Kg	11/18/24 09:30	11/19/24 16:06	SW6010	SW3050
7440-22-4	Silver	0.11	J	1	0.045	0.43	mg/Kg	11/18/24 09:30	11/19/24 16:06	SW6010	SW3050
7440-23-5	Sodium	30.9	U	1	30.9	85.7	mg/Kg	11/18/24 09:30	11/19/24 16:06	SW6010	SW3050
7440-28-0	Thallium	0.38	U	1	0.38	1.71	mg/Kg	11/18/24 09:30	11/19/24 16:06	SW6010	SW3050
7440-62-2	Vanadium	3.79		1	0.23	1.71	mg/Kg	11/18/24 09:30	11/19/24 16:06	SW6010	SW3050
7440-66-6	Zinc	17.9		1	0.094	1.71	mg/Kg	11/18/24 09:30	11/19/24 16:06	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