

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-008	SDG No.:	P4860
Lab Sample ID:	P4860-07	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	564		1	2.12	4.40	mg/Kg	11/18/24 09:30	11/19/24 16:35	SW6010	SW3050
7440-36-0	Antimony	0.13	UN	1	0.13	2.20	mg/Kg	11/18/24 09:30	11/19/24 16:35	SW6010	SW3050
7440-38-2	Arsenic	0.26	U	1	0.26	0.88	mg/Kg	11/18/24 09:30	11/19/24 16:35	SW6010	SW3050
7440-39-3	Barium	3.91	J	1	0.56	4.40	mg/Kg	11/18/24 09:30	11/19/24 16:35	SW6010	SW3050
7440-41-7	Beryllium	0.052	J	1	0.011	0.26	mg/Kg	11/18/24 09:30	11/19/24 16:35	SW6010	SW3050
7440-43-9	Cadmium	0.095	J	1	0.014	0.26	mg/Kg	11/18/24 09:30	11/19/24 16:35	SW6010	SW3050
7440-70-2	Calcium	272		1	2.46	87.9	mg/Kg	11/18/24 09:30	11/19/24 16:35	SW6010	SW3050
7440-47-3	Chromium	3.39		1	0.047	0.44	mg/Kg	11/18/24 09:30	11/19/24 16:35	SW6010	SW3050
7440-48-4	Cobalt	0.23	J	1	0.051	1.32	mg/Kg	11/18/24 09:30	11/19/24 16:35	SW6010	SW3050
7440-50-8	Copper	2.61	N	1	0.41	0.88	mg/Kg	11/18/24 09:30	11/19/24 16:35	SW6010	SW3050
7439-89-6	Iron	2250		1	2.37	4.40	mg/Kg	11/18/24 09:30	11/19/24 16:35	SW6010	SW3050
7439-92-1	Lead	10.2		1	0.13	0.53	mg/Kg	11/18/24 09:30	11/19/24 16:35	SW6010	SW3050
7439-95-4	Magnesium	72.0	J	1	3.02	87.9	mg/Kg	11/18/24 09:30	11/19/24 16:35	SW6010	SW3050
7439-96-5	Manganese	6.35		1	0.062	0.88	mg/Kg	11/18/24 09:30	11/19/24 16:35	SW6010	SW3050
7439-97-6	Mercury	0.0080	J	1	0.0060	0.013	mg/Kg	11/21/24 14:40	11/22/24 14:43	SW7471B	
7440-02-0	Nickel	0.57	J	1	0.079	1.76	mg/Kg	11/18/24 09:30	11/19/24 16:35	SW6010	SW3050
7440-09-7	Potassium	35.0	J	1	25.2	87.9	mg/Kg	11/18/24 09:30	11/19/24 16:35	SW6010	SW3050
7782-49-2	Selenium	0.29	UN	1	0.29	0.88	mg/Kg	11/18/24 09:30	11/19/24 16:35	SW6010	SW3050
7440-22-4	Silver	0.046	U	1	0.046	0.44	mg/Kg	11/18/24 09:30	11/19/24 16:35	SW6010	SW3050
7440-23-5	Sodium	31.7	U	1	31.7	87.9	mg/Kg	11/18/24 09:30	11/19/24 16:35	SW6010	SW3050
7440-28-0	Thallium	0.39	U	1	0.39	1.76	mg/Kg	11/18/24 09:30	11/19/24 16:35	SW6010	SW3050
7440-62-2	Vanadium	3.70		1	0.24	1.76	mg/Kg	11/18/24 09:30	11/19/24 16:35	SW6010	SW3050
7440-66-6	Zinc	7.06		1	0.097	1.76	mg/Kg	11/18/24 09:30	11/19/24 16:35	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