

Report of Analysis

Client:	Tetra Tech	Date Collected:	11/14/24
Project:	Ocean County Landfill 2024	Date Received:	11/14/24
Client Sample ID:	DUP-01	SDG No.:	P4860
Lab Sample ID:	P4860-01	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	237		1	2.12	4.40	mg/Kg	11/18/24 09:30	11/19/24 16:01	SW6010	SW3050
7440-36-0	Antimony	0.22	JN	1	0.13	2.20	mg/Kg	11/18/24 09:30	11/19/24 16:01	SW6010	SW3050
7440-38-2	Arsenic	0.26	U	1	0.26	0.88	mg/Kg	11/18/24 09:30	11/19/24 16:01	SW6010	SW3050
7440-39-3	Barium	0.80	J	1	0.56	4.40	mg/Kg	11/18/24 09:30	11/19/24 16:01	SW6010	SW3050
7440-41-7	Beryllium	0.024	J	1	0.011	0.26	mg/Kg	11/18/24 09:30	11/19/24 16:01	SW6010	SW3050
7440-43-9	Cadmium	0.038	J	1	0.014	0.26	mg/Kg	11/18/24 09:30	11/19/24 16:01	SW6010	SW3050
7440-70-2	Calcium	107		1	2.46	87.9	mg/Kg	11/18/24 09:30	11/19/24 16:01	SW6010	SW3050
7440-47-3	Chromium	1.80		1	0.047	0.44	mg/Kg	11/18/24 09:30	11/19/24 16:01	SW6010	SW3050
7440-48-4	Cobalt	0.079	J	1	0.051	1.32	mg/Kg	11/18/24 09:30	11/19/24 16:01	SW6010	SW3050
7440-50-8	Copper	1.13	N	1	0.41	0.88	mg/Kg	11/18/24 09:30	11/19/24 16:01	SW6010	SW3050
7439-89-6	Iron	1340		1	2.37	4.40	mg/Kg	11/18/24 09:30	11/19/24 16:01	SW6010	SW3050
7439-92-1	Lead	0.86		1	0.13	0.53	mg/Kg	11/18/24 09:30	11/19/24 16:01	SW6010	SW3050
7439-95-4	Magnesium	11.6	J	1	3.02	87.9	mg/Kg	11/18/24 09:30	11/19/24 16:01	SW6010	SW3050
7439-96-5	Manganese	3.14		1	0.062	0.88	mg/Kg	11/18/24 09:30	11/19/24 16:01	SW6010	SW3050
7439-97-6	Mercury	0.0060	U	1	0.0060	0.013	mg/Kg	11/21/24 14:40	11/22/24 14:18	SW7471B	
7440-02-0	Nickel	0.30	J	1	0.079	1.76	mg/Kg	11/18/24 09:30	11/19/24 16:01	SW6010	SW3050
7440-09-7	Potassium	35.6	J	1	25.2	87.9	mg/Kg	11/18/24 09:30	11/19/24 16:01	SW6010	SW3050
7782-49-2	Selenium	0.29	UN	1	0.29	0.88	mg/Kg	11/18/24 09:30	11/19/24 16:01	SW6010	SW3050
7440-22-4	Silver	0.046	U	1	0.046	0.44	mg/Kg	11/18/24 09:30	11/19/24 16:01	SW6010	SW3050
7440-23-5	Sodium	31.7	U	1	31.7	87.9	mg/Kg	11/18/24 09:30	11/19/24 16:01	SW6010	SW3050
7440-28-0	Thallium	0.39	U	1	0.39	1.76	mg/Kg	11/18/24 09:30	11/19/24 16:01	SW6010	SW3050
7440-62-2	Vanadium	2.98		1	0.24	1.76	mg/Kg	11/18/24 09:30	11/19/24 16:01	SW6010	SW3050
7440-66-6	Zinc	3.98		1	0.097	1.76	mg/Kg	11/18/24 09:30	11/19/24 16:01	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