

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-005		SDG No.:	P4860	
Lab Sample ID:	P4860-10		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	97.6	
Sample Wt/Vol:	30.06	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG014867.D	1	11/16/24	11/19/24	PB165032

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.39	U	0.39	1.02	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.47	J	0.25	0.68	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.38	J	0.31	1.02	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	1.11	J	0.82	1.36	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	2.36		1.84	2.05	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	33.8		40 - 140	68%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4860-10	Acq On:	19 Nov 2024 12:44
Client Sample ID:	PH2-BOT-005	Operator:	YP\AJ
Data file:	FG014867.D	Misc:	
Instrument:	FID_G	ALS Vial:	25
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.218	6.839	473733	3.428	300	ug/ml
Aliphatic C12-C16	6.840	10.283	973736	6.947	200	ug/ml
Aliphatic C16-C21	10.284	13.654	748435	5.568	300	ug/ml
Aliphatic C21-C28	13.655	17.319	2004593	16.228	400	ug/ml
Aliphatic C28-C40	17.320	22.248	3594649	34.667	600	ug/ml
Aliphatic EPH	3.218	22.248	7795146	66.838		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.386	13.386	3755030	33.79		ug/ml
Aliphatic C9-C28	3.218	17.319	4200497	32.171	1200	ug/ml