

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:	Solid	
Analytical Method:	NJEPH		% Solid:	96.8	
Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG014869.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	1.03	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.49	J	0.25	0.69	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	3.72		0.31	1.03	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	7.06		0.83	1.38	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	7.02		1.86	2.06	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	42.4		40 - 140	85%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4860-02	Acq On:	19 Nov 2024 13:43
Client Sample ID:	PH2-BOT-001	Operator:	YP\AJ
Data file:	FG014869.D	Misc:	
Instrument:	FID_G	ALS Vial:	27
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.218	6.839	721592	5.221	300	ug/ml
Aliphatic C12-C16	6.840	10.283	998230	7.122	200	ug/ml
Aliphatic C16-C21	10.284	13.654	7270152	54.086	300	ug/ml
Aliphatic C21-C28	13.655	17.319	12682882	102.671	400	ug/ml
Aliphatic C28-C40	17.320	22.248	10576262	101.998	600	ug/ml
Aliphatic EPH	3.218	22.248	32249118	271.098		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.387	13.387	4711588	42.4		ug/ml
Aliphatic C9-C28	3.218	17.319	21672856	169.1	1200	ug/ml