

Report of Analysis

Client:	Tetra Tech		Date Collected:		
Project:	Ocean County Landfill 2024		Date Received:		
Client Sample ID:	PB165032BS		SDG No.:	P4860	
Lab Sample ID:	PB165032BS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.02	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
11/16/24 09:30	11/18/24 16:03	PB165032

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	6.39		1	0.38	1.00	mg/kg	FC067808.D
Aliphatic C12-C16	Aliphatic C12-C16	5.31		1	0.24	0.67	mg/kg	FC067808.D
Aliphatic C16-C21	Aliphatic C16-C21	8.07		1	0.30	1.00	mg/kg	FC067808.D
Aliphatic C21-C28	Aliphatic C21-C28	10.4		1	0.80	1.33	mg/kg	FC067808.D
Aliphatic C28-C40	Aliphatic C28-C40	17.7		1	1.80	2.00	mg/kg	FC067808.D
Aromatic C10-C12	Aromatic C10-C12	5.16		1	0.30	0.67	mg/kg	FD048767.D
Aromatic C12-C16	Aromatic C12-C16	9.14		1	0.34	1.00	mg/kg	FD048767.D
Aromatic C16-C21	Aromatic C16-C21	16.7		1	0.96	1.67	mg/kg	FD048767.D
Aromatic C21-C36	Aromatic C21-C36	26.3		1	2.00	2.66	mg/kg	FD048767.D
Total AliphaticEPH	Total AliphaticEPH	47.9			3.52	5.99	mg/kg	
Total AromaticEPH	Total AromaticEPH	57.3			3.60	6.00	mg/kg	
Total EPH	Total EPH	105			7.12	12.0	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067808.D	1	11/16/24	11/18/24	PB165032

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Aliphatic C16-C21	Aliphatic C16-C21	8.07		0.30	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	10.4		0.80	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	17.7		1.80	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	32.6		40 - 140	65%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB165032BS	Acq On:	18 Nov 2024 16:03
Client Sample ID:	PB165032BS	Operator:	YP/AJ
Data file:	FC067808.D	Misc:	
Instrument:	FID_C	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.172	6.448	15894235	95.869	300	ug/ml
Aliphatic C12-C16	6.449	9.838	13573417	79.663	200	ug/ml
Aliphatic C16-C21	9.839	13.196	20548561	121.144	300	ug/ml
Aliphatic C21-C28	13.197	16.850	24590035	156.346	400	ug/ml
Aliphatic C28-C40	16.851	21.691	32108741	265.118	600	ug/ml
Aliphatic EPH	3.172	21.691	106714989	718.139		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.930	12.930	4728305	32.57		ug/ml
Aliphatic C9-C28	3.172	16.850	74606248	453.022	1200	ug/ml