

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	
Project:	Edison Landfill		Date Received:	
Client Sample ID:	PB170496BS		SDG No.:	Q3584
Lab Sample ID:	PB170496BS		Matrix:	Water
Analytical Method:	NJEPH		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 2000 uL	Test:	EPH
Prep Method :	SW3510	Prep Date : 11/12/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C12	Aliphatic C9-C12	160		1	8.28	30.0	ug/l	FE056803.D	11/13/25 6:28	PB170496
Aliphatic C12-C16	Aliphatic C12-C16	132		1	13.5	20.0	ug/l	FE056803.D	11/13/25 6:28	PB170496
Aliphatic C16-C21	Aliphatic C16-C21	216		1	8.34	30.0	ug/l	FE056803.D	11/13/25 6:28	PB170496
Aliphatic C21-C28	Aliphatic C21-C28	271		1	12.5	40.0	ug/l	FE056803.D	11/13/25 6:28	PB170496
Aliphatic C28-C40	Aliphatic C28-C40	457		1	23.8	60.0	ug/l	FE056803.D	11/13/25 6:28	PB170496
Aromatic C10-C12	Aromatic C10-C12	143		1	2.07	20.0	ug/l	FF016718.D	11/17/25 15:30	PB170496
Aromatic C12-C16	Aromatic C12-C16	237		1	4.26	30.0	ug/l	FF016718.D	11/17/25 15:30	PB170496
Aromatic C16-C21	Aromatic C16-C21	412		1	8.27	50.0	ug/l	FF016718.D	11/17/25 15:30	PB170496
Aromatic C21-C36	Aromatic C21-C36	725		1	23.8	80.0	ug/l	FF016718.D	11/17/25 15:30	PB170496
Total AliphaticEPH	Total AliphaticEPH	1240			66.4	180	ug/l			
Total AromaticEPH	Total AromaticEPH	1520			38.4	180	ug/l			
Total EPH	Total EPH	2750			105	360	ug/l			

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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Aliphatic C21-C28	Aliphatic C21-C28	271	1		12.5	40.0	ug/l	11/13/25	PB170496
Aliphatic C28-C40	Aliphatic C28-C40	457	1		23.8	60.0	ug/l	11/13/25	PB170496
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	23.1			40 - 140	46%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	0.00			40 - 140	0%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB170496BS	Acq On:	13 Nov 2025 06:28
Client Sample ID:	PB170496BS	Operator:	YP\AJ
Data file:	FE056803.D	Misc:	
Instrument:	FID_E	ALS Vial:	46
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.218	6.840	13760924	80.397	300	ug/ml
Aliphatic C12-C16	6.841	10.285	11846520	66.273	200	ug/ml
Aliphatic C16-C21	10.286	13.658	20176917	108.184	300	ug/ml
Aliphatic C21-C28	13.659	17.327	26125766	135.531	400	ug/ml
Aliphatic C28-C40	17.328	22.264	36407848	228.528	600	ug/ml
Aliphatic EPH	3.218	22.264	108317975	618.912		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.389	13.389	3725257	23.12		ug/ml
Aliphatic C9-C28	3.218	17.327	71910127	390.385	1200	ug/ml