

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	
Project:	Edison Landfill		Date Received:	
Client Sample ID:	PB170577BSD		SDG No.:	Q3586
Lab Sample ID:	PB170577BSD		Matrix:	Solid
Analytical Method:	NJEPH		% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol: 2000 uL	Test:	EPH
Prep Method :		Prep Date : 11/17/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C12	Aliphatic C9-C12	5.61		1	0.14	1.00	mg/kg	FG016928.D	11/17/25 17:32	PB170577
Aliphatic C12-C16	Aliphatic C12-C16	5.07		1	0.11	0.67	mg/kg	FG016928.D	11/17/25 17:32	PB170577
Aliphatic C16-C21	Aliphatic C16-C21	8.78		1	0.13	1.00	mg/kg	FG016928.D	11/17/25 17:32	PB170577
Aliphatic C21-C28	Aliphatic C21-C28	11.1		1	0.53	1.33	mg/kg	FG016928.D	11/17/25 17:32	PB170577
Aliphatic C28-C40	Aliphatic C28-C40	16.5		1	1.18	2.00	mg/kg	FG016928.D	11/17/25 17:32	PB170577
Aromatic C10-C12	Aromatic C10-C12	5.15		1	0.12	0.67	mg/kg	FF016747.D	11/19/25 15:54	PB170577
Aromatic C12-C16	Aromatic C12-C16	9.35		1	0.23	1.00	mg/kg	FF016747.D	11/19/25 15:54	PB170577
Aromatic C16-C21	Aromatic C16-C21	18.0		1	0.40	1.67	mg/kg	FF016747.D	11/19/25 15:54	PB170577
Aromatic C21-C36	Aromatic C21-C36	31.7		1	1.19	2.66	mg/kg	FF016747.D	11/19/25 15:54	PB170577
Total AliphaticEPH	Total AliphaticEPH	47.1			2.09	5.99	mg/kg			
Total AromaticEPH	Total AromaticEPH	64.2			1.94	6.00	mg/kg			
Total EPH	Total EPH	111			4.03	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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Lab Sample ID:	PB170577BSD		Matrix:	Solid
Analytical Method:	NJEPH		% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol:	2000 uL	Test:
Prep Method :		Prep Date	11/17/25	EPH

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aromatic C10-C12	Aromatic C10-C12	5.15	1		0.12	0.67	mg/kg	11/19/25	PB170577
Aromatic C12-C16	Aromatic C12-C16	9.35	1		0.23	1.00	mg/kg	11/19/25	PB170577
Aromatic C16-C21	Aromatic C16-C21	18.0	1		0.40	1.67	mg/kg	11/19/25	PB170577
Aromatic C21-C36	Aromatic C21-C36	31.7	1		1.19	2.66	mg/kg	11/19/25	PB170577
SURROGATES									
580-13-2	2-Bromonaphthalene (SURR)	53.4			40 - 140	107%	SPK: 50		
321-60-8	2-Fluorobiphenyl (SURR)	54.8			40 - 140	110%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	46.7			40 - 140	93%	SPK: 50		

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB170577BSD	Acq On:	19 Nov 2025 15:54
Client Sample ID:	PB170577BSD	Operator:	YP\AJ
Data file:	FF016747.D	Misc:	
Instrument:	FID_F	ALS Vial:	72
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.501	6.378	10205003	77.332	200	ug/ml
Aromatic C12-C16	6.379	9.081	18979292	140.414	300	ug/ml
Aromatic C16-C21	9.082	13.401	36231931	270.907	500	ug/ml
Aromatic C21-C36	13.402	18.862	55917999	475.226	800	ug/ml
Aromatic EPH	4.501	18.862	121334225	963.879		ug/ml
2-Bromonaphthalene (SURR)	8.000	8.000	6051452	53.4		ug/ml
2-Fluorobiphenyl (SURR)	8.876	8.876	3905308	54.76		ug/ml
ortho-Terphenyl (SURR)	11.946	11.946	6860833	46.72		ug/ml