

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	
Project:	Edison Landfill		Date Received:	
Client Sample ID:	PB170577BS		SDG No.:	Q3586
Lab Sample ID:	PB170577BS		Matrix:	Solid
Analytical Method:	NJEPH		% Solid:	100
Sample Wt/Vol:	30.03 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	5.57		1	0.14	1.00	mg/kg	FG016927.D	11/17/25 17:03	PB170577
Aliphatic C12-C16	Aliphatic C12-C16	5.04		1	0.11	0.67	mg/kg	FG016927.D	11/17/25 17:03	PB170577
Aliphatic C16-C21	Aliphatic C16-C21	8.70		1	0.13	1.00	mg/kg	FG016927.D	11/17/25 17:03	PB170577
Aliphatic C21-C28	Aliphatic C21-C28	11.0		1	0.53	1.33	mg/kg	FG016927.D	11/17/25 17:03	PB170577
Aliphatic C28-C40	Aliphatic C28-C40	16.5		1	1.18	2.00	mg/kg	FG016927.D	11/17/25 17:03	PB170577
Aromatic C10-C12	Aromatic C10-C12	5.25		1	0.12	0.67	mg/kg	FF016717.D	11/17/25 15:00	PB170577
Aromatic C12-C16	Aromatic C12-C16	8.68		1	0.23	1.00	mg/kg	FF016717.D	11/17/25 15:00	PB170577
Aromatic C16-C21	Aromatic C16-C21	15.1		1	0.40	1.67	mg/kg	FF016717.D	11/17/25 15:00	PB170577
Aromatic C21-C36	Aromatic C21-C36	26.4		1	1.19	2.66	mg/kg	FF016717.D	11/17/25 15:00	PB170577
Total AliphaticEPH	Total AliphaticEPH	46.8			2.09	5.99	mg/kg			
Total AromaticEPH	Total AromaticEPH	55.4			1.94	6.00	mg/kg			
Total EPH	Total EPH	102			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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Analytical Method:	NJEPH		% Solid:	100
Sample Wt/Vol:	30.03 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	5.25	1		0.12	0.67	mg/kg	11/17/25	PB170577
Aromatic C12-C16	Aromatic C12-C16	8.68	1		0.23	1.00	mg/kg	11/17/25	PB170577
Aromatic C16-C21	Aromatic C16-C21	15.1	1		0.40	1.67	mg/kg	11/17/25	PB170577
Aromatic C21-C36	Aromatic C21-C36	26.4	1		1.19	2.66	mg/kg	11/17/25	PB170577
SURROGATES									
580-13-2	2-Bromonaphthalene (SURR)	58.8			40 - 140	118%	SPK: 50		
321-60-8	2-Fluorobiphenyl (SURR)	59.7			40 - 140	119%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	43.4			40 - 140	87%	SPK: 50		

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB170577BS	Acq On:	17 Nov 2025 15:00
Client Sample ID:	PB170577BS	Operator:	YP\AJ
Data file:	FF016717.D	Misc:	
Instrument:	FID_F	ALS Vial:	71
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.502	6.378	10401850	78.824	200	ug/ml
Aromatic C12-C16	6.379	9.083	17623690	130.385	300	ug/ml
Aromatic C16-C21	9.084	13.405	30315057	226.666	500	ug/ml
Aromatic C21-C36	13.406	18.870	46709752	396.968	800	ug/ml
Aromatic EPH	4.502	18.870	105050349	832.843		ug/ml
2-Bromonaphthalene (SURR)	8.005	8.005	6657703	58.75		ug/ml
2-Fluorobiphenyl (SURR)	8.883	8.883	4257234	59.69		ug/ml
ortho-Terphenyl (SURR)	11.951	11.951	6379745	43.44		ug/ml