

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-1	SDG No.:	Q3586
Lab Sample ID:	Q3586-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	62.9
Sample Wt/Vol:	30.04 g	Test:	EPH
Prep Method :	Final Vol: 2000 uL 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	0.26	J	1	0.22	1.59	mg/kg	FG016929.D	11/17/25 18:02	PB170577
Aliphatic C12-C16	Aliphatic C12-C16	0.34	J	1	0.18	1.06	mg/kg	FG016929.D	11/17/25 18:02	PB170577
Aliphatic C16-C21	Aliphatic C16-C21	0.25	J	1	0.21	1.59	mg/kg	FG016929.D	11/17/25 18:02	PB170577
Aliphatic C21-C28	Aliphatic C21-C28	0.84	U	1	0.84	2.12	mg/kg	FG016929.D	11/17/25 18:02	PB170577
Aliphatic C28-C40	Aliphatic C28-C40	2.94	J	1	1.87	3.18	mg/kg	FG016929.D	11/17/25 18:02	PB170577
Aromatic C10-C12	Aromatic C10-C12	0.20	J	1	0.19	1.06	mg/kg	FF016722.D	11/17/25 18:02	PB170577
Aromatic C12-C16	Aromatic C12-C16	4.49		1	0.37	1.59	mg/kg	FF016722.D	11/17/25 18:02	PB170577
Aromatic C16-C21	Aromatic C16-C21	2.15	J	1	0.64	2.65	mg/kg	FF016722.D	11/17/25 18:02	PB170577
Aromatic C21-C36	Aromatic C21-C36	1.89	U	1	1.89	4.23	mg/kg	FF016722.D	11/17/25 18:02	PB170577
Total AliphaticEPH	Total AliphaticEPH	3.79	J		3.31	9.54	mg/kg			
Total AromaticEPH	Total AromaticEPH	6.84	J		3.08	9.53	mg/kg			
Total EPH	Total EPH	10.6	J		6.39	19.1	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:	62.9
Sample Wt/Vol:	30.04 g	Final Vol:	2000 uL
Prep Method :		Test:	EPH
	Prep Date	11/17/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aromatic C10-C12	Aromatic C10-C12	0.20	J	1	0.19	1.06	mg/kg	11/17/25	PB170577
Aromatic C12-C16	Aromatic C12-C16	4.49		1	0.37	1.59	mg/kg	11/17/25	PB170577
Aromatic C16-C21	Aromatic C16-C21	2.15	J	1	0.64	2.65	mg/kg	11/17/25	PB170577
Aromatic C21-C36	Aromatic C21-C36	1.89	U	1	1.89	4.23	mg/kg	11/17/25	PB170577
SURROGATES									
580-13-2	2-Bromonaphthalene (SURR)	45.7			40 - 140	91%	SPK: 50		
321-60-8	2-Fluorobiphenyl (SURR)	48.5			40 - 140	97%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	39.1			40 - 140	78%	SPK: 50		



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q3586-01	Acq On:	17 Nov 2025 18:02
Client Sample ID:	SED-1	Operator:	YP\AJ
Data file:	FF016722.D	Misc:	
Instrument:	FID_F	ALS Vial:	76
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.502	6.378	246554	1.868	200	ug/ml
Aromatic C12-C16	6.379	9.083	5728768	42.383	300	ug/ml
Aromatic C16-C21	9.084	13.405	2711844	20.277	500	ug/ml
Aromatic C21-C36	13.406	18.870	676517	5.749	800	ug/ml
Aromatic EPH	4.502	18.870	9363683	70.277		ug/ml
ortho-Terphenyl (SURR)	11.953	11.953	5739038	39.08		ug/ml
2-Bromonaphthalene (SURR)	8.009	8.009	5178641	45.7		ug/ml
2-Fluorobiphenyl (SURR)	8.886	8.886	3463002	48.55		ug/ml