

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	
Project:	Edison Landfill		Date Received:	
Client Sample ID:	SED-3MS		SDG No.:	Q3586
Lab Sample ID:	Q3586-03MS		Matrix:	Solid
Analytical Method:	NJEPH		% Solid:	50.9
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	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C12	Aliphatic C9-C12	9.59	1		0.28	1.96	mg/kg	11/20/25	PB170577
Aliphatic C12-C16	Aliphatic C12-C16	8.55	1		0.22	1.31	mg/kg	11/20/25	PB170577
Aliphatic C16-C21	Aliphatic C16-C21	13.9	1		0.26	1.96	mg/kg	11/20/25	PB170577
Aliphatic C21-C28	Aliphatic C21-C28	17.2	1		1.04	2.62	mg/kg	11/20/25	PB170577
Aliphatic C28-C40	Aliphatic C28-C40	26.9	1		2.32	3.93	mg/kg	11/20/25	PB170577
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	56.1			40 - 140	112%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	0.00			40 - 140	0%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3586-03MS	Acq On:	20 Nov 2025 14:56
Client Sample ID:	Q3586-03MS	Operator:	YP\AJ
Data file:	FG016960.D	Misc:	
Instrument:	FID_G	ALS Vial:	24
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.258	6.899	8943130	73.302	300	ug/ml
Aliphatic C12-C16	6.900	10.356	8027210	65.341	200	ug/ml
Aliphatic C16-C21	10.357	13.743	14073690	106.3	300	ug/ml
Aliphatic C21-C28	13.744	17.429	18245505	131.23	400	ug/ml
Aliphatic C28-C40	17.430	22.445	23400015	205.634	600	ug/ml
Aliphatic EPH	3.258	22.445	72689550	581.807		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.480	13.480	6757299	56.11		ug/ml
Aliphatic C9-C28	3.258	17.429	49289535	376.173	1200	ug/ml