

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-3	SDG No.:	Q3586
Lab Sample ID:	Q3586-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	50.9
Sample Wt/Vol:	30.07 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									
Aliphatic C9-C12	Aliphatic C9-C12	0.38	J	1	0.27	1.96	mg/kg	11/20/25	PB170577
Aliphatic C12-C16	Aliphatic C12-C16	0.34	J	1	0.22	1.31	mg/kg	11/20/25	PB170577
Aliphatic C16-C21	Aliphatic C16-C21	0.45	J	1	0.26	1.96	mg/kg	11/20/25	PB170577
Aliphatic C21-C28	Aliphatic C21-C28	1.28	J	1	1.04	2.61	mg/kg	11/20/25	PB170577
Aliphatic C28-C40	Aliphatic C28-C40	4.64		1	2.31	3.92	mg/kg	11/20/25	PB170577
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	69.0			40 - 140	138%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	0.00			40 - 140	0%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3586-03	Acq On:	20 Nov 2025 13:13
Client Sample ID:	SED-3	Operator:	YP\AJ
Data file:	FG016958.D	Misc:	
Instrument:	FID_G	ALS Vial:	22
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.258	6.899	358158	2.936	300	ug/ml
Aliphatic C12-C16	6.900	10.356	317338	2.583	200	ug/ml
Aliphatic C16-C21	10.357	13.743	452789	3.42	300	ug/ml
Aliphatic C21-C28	13.744	17.429	1366892	9.831	400	ug/ml
Aliphatic C28-C40	17.430	22.445	4037262	35.479	600	ug/ml
Aliphatic EPH	3.258	22.445	6532439	54.249		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.483	13.483	8310854	69.01		ug/ml
Aliphatic C9-C28	3.258	17.429	2495177	18.77	1200	ug/ml