

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-2	SDG No.:	Q3586
Lab Sample ID:	Q3586-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	41.4
Sample Wt/Vol:	30.08 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	0.56	J	1	0.34	2.41	mg/kg	11/17/25	PB170577
Aliphatic C12-C16	Aliphatic C12-C16	0.82	J	1	0.27	1.61	mg/kg	11/17/25	PB170577
Aliphatic C16-C21	Aliphatic C16-C21	0.99	J	1	0.31	2.41	mg/kg	11/17/25	PB170577
Aliphatic C21-C28	Aliphatic C21-C28	1.31	J	1	1.28	3.21	mg/kg	11/17/25	PB170577
Aliphatic C28-C40	Aliphatic C28-C40	5.57		1	2.84	4.82	mg/kg	11/17/25	PB170577
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	37.1			40 - 140	74%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	0.00			40 - 140	0%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3586-02	Acq On:	17 Nov 2025 18:31
Client Sample ID:	SED-2	Operator:	YP\AJ
Data file:	FG016930.D	Misc:	
Instrument:	FID_G	ALS Vial:	25
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.260	6.901	426808	3.498	300	ug/ml
Aliphatic C12-C16	6.902	10.358	626107	5.096	200	ug/ml
Aliphatic C16-C21	10.359	13.749	818695	6.184	300	ug/ml
Aliphatic C21-C28	13.750	17.436	1133960	8.156	400	ug/ml
Aliphatic C28-C40	17.437	22.460	3948627	34.7	600	ug/ml
Aliphatic EPH	3.260	22.460	6954197	57.634		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.481	13.481	4466629	37.09		ug/ml
Aliphatic C9-C28	3.260	17.436	3005570	22.934	1200	ug/ml