

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	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	0.26	J	1	0.22	1.59	mg/kg	11/17/25	PB170577
Aliphatic C12-C16	Aliphatic C12-C16	0.34	J	1	0.18	1.06	mg/kg	11/17/25	PB170577
Aliphatic C16-C21	Aliphatic C16-C21	0.25	J	1	0.21	1.59	mg/kg	11/17/25	PB170577
Aliphatic C21-C28	Aliphatic C21-C28	0.84	U	1	0.84	2.12	mg/kg	11/17/25	PB170577
Aliphatic C28-C40	Aliphatic C28-C40	2.94	J	1	1.87	3.18	mg/kg	11/17/25	PB170577
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	42.5			40 - 140	85%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	0.00			40 - 140	0%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3586-01	Acq On:	17 Nov 2025 18:02
Client Sample ID:	SED-1	Operator:	YP\AJ
Data file:	FG016929.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	3.260	6.901	295464	2.422	300	ug/ml
Aliphatic C12-C16	6.902	10.358	397266	3.234	200	ug/ml
Aliphatic C16-C21	10.359	13.749	315151	2.38	300	ug/ml
Aliphatic C21-C28	13.750	17.436	536859	3.861	400	ug/ml
Aliphatic C28-C40	17.437	22.460	3158969	27.76	600	ug/ml
Aliphatic EPH	3.260	22.460	4703709	39.657		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.481	13.481	5117800	42.49		ug/ml
Aliphatic C9-C28	3.260	17.436	1544740	11.897	1200	ug/ml