

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	11/07/25
Project:	Edison Landfill		Date Received:	11/07/25
Client Sample ID:	SW-2		SDG No.:	Q3584
Lab Sample ID:	Q3584-02		Matrix:	Water
Analytical Method:	NJEPH		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 2000 uL	Test:	EPH
Prep Method :	SW3510	Prep Date 11/12/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C12	Aliphatic C9-C12	8.28	U	1	8.28	30.0	ug/l	11/13/25	PB170496
Aliphatic C12-C16	Aliphatic C12-C16	13.5	U	1	13.5	20.0	ug/l	11/13/25	PB170496
Aliphatic C16-C21	Aliphatic C16-C21	8.34	U	1	8.34	30.0	ug/l	11/13/25	PB170496
Aliphatic C21-C28	Aliphatic C21-C28	12.5	U	1	12.5	40.0	ug/l	11/13/25	PB170496
Aliphatic C28-C40	Aliphatic C28-C40	101		1	23.8	60.0	ug/l	11/13/25	PB170496
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	30.1			40 - 140	60%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	0.00			40 - 140	0%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3584-02	Acq On:	13 Nov 2025 13:08
Client Sample ID:	SW-2	Operator:	YP\AJ
Data file:	FG016909.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	3.260	6.903	305970	2.508	300	ug/ml
Aliphatic C12-C16	6.904	10.362	359211	2.924	200	ug/ml
Aliphatic C16-C21	10.363	13.751	389916	2.945	300	ug/ml
Aliphatic C21-C28	13.752	17.437	337941	2.431	400	ug/ml
Aliphatic C28-C40	17.438	22.462	5786008	50.846	600	ug/ml
Aliphatic EPH	3.260	22.462	7179046	61.654		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.485	13.485	3629597	30.14		ug/ml
Aliphatic C9-C28	3.260	17.437	1393038	10.808	1200	ug/ml