

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	11/07/25
Project:	Edison Landfill		Date Received:	11/07/25
Client Sample ID:	SW-3		SDG No.:	Q3584
Lab Sample ID:	Q3584-03		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									
Aromatic C10-C12	Aromatic C10-C12	4.33	J	1	2.07	20.0	ug/l	11/12/25	PB170496
Aromatic C12-C16	Aromatic C12-C16	6.88	J	1	4.26	30.0	ug/l	11/12/25	PB170496
Aromatic C16-C21	Aromatic C16-C21	130		1	8.27	50.0	ug/l	11/12/25	PB170496
Aromatic C21-C36	Aromatic C21-C36	23.8	U	1	23.8	80.0	ug/l	11/12/25	PB170496
SURROGATES									
580-13-2	2-Bromonaphthalene (SURR)	55.0			40 - 140	110%	SPK: 50		
321-60-8	2-Fluorobiphenyl (SURR)	58.8			40 - 140	118%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	41.0			40 - 140	82%	SPK: 50		

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q3584-03	Acq On:	12 Nov 2025 17:54
Client Sample ID:	SW-3	Operator:	YP\AJ
Data file:	FF016662.D	Misc:	
Instrument:	FID_F	ALS Vial:	76
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.507	6.384	285823	2.166	200	ug/ml
Aromatic C12-C16	6.385	9.088	464974	3.44	300	ug/ml
Aromatic C16-C21	9.089	13.409	8706373	65.098	500	ug/ml
Aromatic C21-C36	13.410	18.874	794876	6.755	800	ug/ml
Aromatic EPH	4.507	18.874	10252046	77.459		ug/ml
2-Bromonaphthalene (SURR)	8.014	8.014	6230480	54.98		ug/ml
2-Fluorobiphenyl (SURR)	8.890	8.890	4194542	58.81		ug/ml
ortho-Terphenyl (SURR)	11.957	11.957	6026903	41.04		ug/ml