

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									
Aromatic C10-C12	Aromatic C10-C12	3.74	J	1	2.07	20.0	ug/l	11/12/25	PB170496
Aromatic C12-C16	Aromatic C12-C16	5.31	J	1	4.26	30.0	ug/l	11/12/25	PB170496
Aromatic C16-C21	Aromatic C16-C21	32.9	J	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)	56.8			40 - 140	114%	SPK: 50		
321-60-8	2-Fluorobiphenyl (SURR)	60.9			40 - 140	122%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	39.3			40 - 140	79%	SPK: 50		

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q3584-02	Acq On:	12 Nov 2025 17:25
Client Sample ID:	SW-2	Operator:	YP\AJ
Data file:	FF016661.D	Misc:	
Instrument:	FID_F	ALS Vial:	75
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.507	6.384	246859	1.871	200	ug/ml
Aromatic C12-C16	6.385	9.088	359023	2.656	300	ug/ml
Aromatic C16-C21	9.089	13.409	2197023	16.427	500	ug/ml
Aromatic C21-C36	13.410	18.874	689806	5.862	800	ug/ml
Aromatic EPH	4.507	18.874	3492711	26.816		ug/ml
2-Bromonaphthalene (SURR)	8.014	8.014	6432340	56.76		ug/ml
2-Fluorobiphenyl (SURR)	8.890	8.890	4345540	60.93		ug/ml
ortho-Terphenyl (SURR)	11.958	11.958	5775432	39.33		ug/ml