

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-1	SDG No.:	Q3584
Lab Sample ID:	Q3584-01	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	990 mL	Final Vol:	2000 uL
Prep Method :		Test:	EPH
	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	4.22	J	1	2.09	20.2	ug/l	11/12/25	PB170496
Aromatic C12-C16	Aromatic C12-C16	6.88	J	1	4.30	30.3	ug/l	11/12/25	PB170496
Aromatic C16-C21	Aromatic C16-C21	32.7	J	1	8.35	50.5	ug/l	11/12/25	PB170496
Aromatic C21-C36	Aromatic C21-C36	24.0	U	1	24.0	80.8	ug/l	11/12/25	PB170496
SURROGATES									
580-13-2	2-Bromonaphthalene (SURR)	48.2			40 - 140	96%	SPK: 50		
321-60-8	2-Fluorobiphenyl (SURR)	51.6			40 - 140	103%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	28.1			40 - 140	56%	SPK: 50		

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q3584-01	Acq On:	12 Nov 2025 16:55
Client Sample ID:	SW-1	Operator:	YP\AJ
Data file:	FF016660.D	Misc:	
Instrument:	FID_F	ALS Vial:	74
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.507	6.384	275733	2.089	200	ug/ml
Aromatic C12-C16	6.385	9.088	460323	3.406	300	ug/ml
Aromatic C16-C21	9.089	13.409	2166698	16.2	500	ug/ml
Aromatic C21-C36	13.410	18.874	973244	8.271	800	ug/ml
Aromatic EPH	4.507	18.874	3875998	29.967		ug/ml
2-Bromonaphthalene (SURR)	8.013	8.013	5457837	48.16		ug/ml
2-Fluorobiphenyl (SURR)	8.889	8.889	3683610	51.65		ug/ml
ortho-Terphenyl (SURR)	11.956	11.956	4131619	28.13		ug/ml