

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/23/25	
Project:	RFP 916		Date Received:	09/23/25	
Client Sample ID:	EME-TS12-01		SDG No.:	Q3177	
Lab Sample ID:	Q3177-01		Matrix:	Water	
Analytical Method:	NJEPH		% Solid:	0	
Sample Wt/Vol:	1000	Units: mL	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :	SW3510				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049778.D	1	09/29/25	09/30/25	PB169879

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	6.60	J	2.07	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	11.6	J	4.26	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	128		8.27	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	23.8	U	23.8	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	40.1		40 - 140	80%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	26.3		40 - 140	53%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	45.8		40 - 140	92%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q3177-01	Acq On:	30 Sep 2025 09:46
Client Sample ID:	EME-TS12-01	Operator:	YP/AJ
Data file:	FD049778.D	Misc:	
Instrument:	FID_D	ALS Vial:	61
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.384	6.128	382727	3.298	200	ug/ml
Aromatic C12-C16	6.129	8.757	787350	5.795	300	ug/ml
Aromatic C16-C21	8.758	13.048	8748383	64.435	500	ug/ml
Aromatic C21-C36	13.049	18.469	1805736	15.261	800	ug/ml
Aromatic EPH	4.384	18.469	11724196	88.789		ug/ml
ortho-Terphenyl (SURR)	11.607	11.607	6486043	45.84		ug/ml
2-Bromonaphthalene (SURR)	7.695	7.695	4511843	40.12		ug/ml
2-Fluorobiphenyl (SURR)	8.558	8.558	2113363	26.33		ug/ml