

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/23/25
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS13-01	SDG No.:	Q3177
Lab Sample ID:	Q3177-02	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
FC069875.D	1	09/29/25	09/30/25	PB169879

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	5.91	J	8.28	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	8.13	J	13.5	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	6.16	J	8.34	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	12.5	U	12.5	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	292		23.8	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	48.5		40 - 140	97%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3177-02	Acq On:	30 Sep 2025 09:46
Client Sample ID:	EME-TS13-01	Operator:	YP/AJ
Data file:	FC069875.D	Misc:	
Instrument:	FID_C	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.284	6.578	394351	2.953	300	ug/ml
Aliphatic C12-C16	6.579	9.980	636865	4.065	200	ug/ml
Aliphatic C16-C21	9.981	13.346	553380	3.082	300	ug/ml
Aliphatic C21-C28	13.347	17.008	634733	3.508	400	ug/ml
Aliphatic C28-C40	17.009	21.963	18806631	146.154	600	ug/ml
Aliphatic EPH	3.284	21.963	21025960	159.762		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.084	13.084	7665042	48.54		ug/ml
Aliphatic C9-C28	3.284	17.008	2219329	13.608	1200	ug/ml