

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				

Prep Date :	Date Analyzed :	Prep Batch ID
09/29/25 08:30	09/30/25 9:46	PB169879

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	5.91	J	1	8.28	30.0	ug/l	FC069875.D
Aliphatic C12-C16	Aliphatic C12-C16	8.13	J	1	13.5	20.0	ug/l	FC069875.D
Aliphatic C16-C21	Aliphatic C16-C21	6.16	J	1	8.34	30.0	ug/l	FC069875.D
Aliphatic C21-C28	Aliphatic C21-C28	12.5	U	1	12.5	40.0	ug/l	FC069875.D
Aliphatic C28-C40	Aliphatic C28-C40	292		1	23.8	60.0	ug/l	FC069875.D
Aromatic C10-C12	Aromatic C10-C12	2.07	U	1	2.07	20.0	ug/l	FF016474.D
Aromatic C12-C16	Aromatic C12-C16	92.7		1	4.26	30.0	ug/l	FF016474.D
Aromatic C16-C21	Aromatic C16-C21	24.4	J	1	8.27	50.0	ug/l	FF016474.D
Aromatic C21-C36	Aromatic C21-C36	23.8	U	1	23.8	80.0	ug/l	FF016474.D
Total AliphaticEPH	Total AliphaticEPH	312			66.4	180	ug/l	
Total AromaticEPH	Total AromaticEPH	117	J		38.4	180	ug/l	
Total EPH	Total EPH	429			105	360	ug/l	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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Prep Method :	SW3510				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069875.D	1	09/29/25	09/30/25	PB169879

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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