

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		

Prep Date :	Date Analyzed :	Prep Batch ID
09/29/25 08:30	09/30/25 11:12	PB169879

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	7.30	J	1	8.28	30.0	ug/l	FC069877.D
Aliphatic C12-C16	Aliphatic C12-C16	8.90	J	1	13.5	20.0	ug/l	FC069877.D
Aliphatic C16-C21	Aliphatic C16-C21	86.7		1	8.34	30.0	ug/l	FC069877.D
Aliphatic C21-C28	Aliphatic C21-C28	12.5	U	1	12.5	40.0	ug/l	FC069877.D
Aliphatic C28-C40	Aliphatic C28-C40	66.0		1	23.8	60.0	ug/l	FC069877.D
Aromatic C10-C12	Aromatic C10-C12	6.60	J	1	2.07	20.0	ug/l	FD049778.D
Aromatic C12-C16	Aromatic C12-C16	11.6	J	1	4.26	30.0	ug/l	FD049778.D
Aromatic C16-C21	Aromatic C16-C21	128		1	8.27	50.0	ug/l	FD049778.D
Aromatic C21-C36	Aromatic C21-C36	23.8	U	1	23.8	80.0	ug/l	FD049778.D
Total AliphaticEPH	Total AliphaticEPH	169	J		66.4	180	ug/l	
Total AromaticEPH	Total AromaticEPH	146	J		38.4	180	ug/l	
Total EPH	Total EPH	315	J		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

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File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069877.D	1	09/29/25	09/30/25	PB169879

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Aliphatic C28-C40	Aliphatic C28-C40	66.0		23.8	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	46.3		40 - 140	93%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3177-01	Acq On:	30 Sep 2025 11:12
Client Sample ID:	EME-TS12-01	Operator:	YP/AJ
Data file:	FC069877.D	Misc:	
Instrument:	FID_C	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.284	6.578	487635	3.652	300	ug/ml
Aliphatic C12-C16	6.579	9.980	697199	4.45	200	ug/ml
Aliphatic C16-C21	9.981	13.346	7783952	43.353	300	ug/ml
Aliphatic C21-C28	13.347	17.008	534754	2.955	400	ug/ml
Aliphatic C28-C40	17.009	21.963	4243591	32.979	600	ug/ml
Aliphatic EPH	3.284	21.963	13747131	87.389		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.083	13.083	7308655	46.28		ug/ml
Aliphatic C9-C28	3.284	17.008	9503540	54.41	1200	ug/ml