

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/23/25	
Project:	RFP 916		Date Received:	09/23/25	
Client Sample ID:	EME-TS14-01MS		SDG No.:	Q3179	
Lab Sample ID:	Q3179-02		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
FE056056.D	1	09/29/25	09/29/25	PB169879

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	333		8.28	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	293		13.5	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	404		8.34	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	486		12.5	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	1130		23.8	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	59.0		40 - 140	118%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3179-02	Acq On:	29 Sep 2025 20:27
Client Sample ID:	EME-TS14-01MS	Operator:	YP\AJ
Data file:	FE056056.D	Misc:	
Instrument:	FID_E	ALS Vial:	29
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.315	6.946	23325505	166.577	300	ug/ml
Aliphatic C12-C16	6.947	10.396	22517640	146.813	200	ug/ml
Aliphatic C16-C21	10.397	13.773	33564962	202.345	300	ug/ml
Aliphatic C21-C28	13.774	17.443	36153890	243.416	400	ug/ml
Aliphatic C28-C40	17.444	22.449	77058424	565.558	600	ug/ml
Aliphatic EPH	3.315	22.449	192620421	1320		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.512	13.512	8241176	59.05		ug/ml
Aliphatic C9-C28	3.315	17.443	115561997	759.151	1200	ug/ml