

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/23/25
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS14-01MSD	SDG No.:	Q3177
Lab Sample ID:	Q3179-03	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
FE056057.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	329		8.28	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	286		13.5	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	401		8.34	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	491		12.5	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	1120		23.8	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	58.5		40 - 140	117%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3179-03	Acq On:	29 Sep 2025 20:57
Client Sample ID:	EME-TS14-01MSD	Operator:	YP\AJ
Data file:	FE056057.D	Misc:	
Instrument:	FID_E	ALS Vial:	30
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.315	6.946	23042176	164.554	300	ug/ml
Aliphatic C12-C16	6.947	10.396	22005325	143.473	200	ug/ml
Aliphatic C16-C21	10.397	13.773	33279405	200.624	300	ug/ml
Aliphatic C21-C28	13.774	17.443	36466374	245.52	400	ug/ml
Aliphatic C28-C40	17.444	22.449	76389018	560.645	600	ug/ml
Aliphatic EPH	3.315	22.449	191182298	1310		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.512	13.512	8160881	58.47		ug/ml
Aliphatic C9-C28	3.315	17.443	114793280	754.171	1200	ug/ml