

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/23/25
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS14-01	SDG No.:	Q3179
Lab Sample ID:	Q3179-01	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	09/29/25 19:56	PB169879

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	8.68	J	1	8.28	30.0	ug/l	FE056055.D
Aliphatic C12-C16	Aliphatic C12-C16	17.2	J	1	13.5	20.0	ug/l	FE056055.D
Aliphatic C16-C21	Aliphatic C16-C21	100		1	8.34	30.0	ug/l	FE056055.D
Aliphatic C21-C28	Aliphatic C21-C28	12.5	U	1	12.5	40.0	ug/l	FE056055.D
Aliphatic C21-C40	Aliphatic C21-C40	403		1	36.3	100	ug/l	FE056055.D
Aliphatic C28-C40	Aliphatic C28-C40	403		1	23.8	60.0	ug/l	FE056055.D
Aliphatic C9-C28	Aliphatic C9-C28	126		1	42.6	120	ug/l	FE056055.D
Aromatic C10-C12	Aromatic C10-C12	3.71	J	1	2.07	20.0	ug/l	FF016476.D
Aromatic C12-C16	Aromatic C12-C16	7.91	J	1	4.26	30.0	ug/l	FF016476.D
Aromatic C16-C21	Aromatic C16-C21	43.8	J	1	8.27	50.0	ug/l	FF016476.D
Aromatic C21-C36	Aromatic C21-C36	23.8	U	1	23.8	80.0	ug/l	FF016476.D
Total AliphaticEPH	Total AliphaticEPH	529			66.4	180	ug/l	
Total AromaticEPH	Total AromaticEPH	55.4	J		38.4	180	ug/l	
Total EPH	Total EPH	584			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
FE056055.D	1	09/29/25	09/29/25	PB169879

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Aliphatic C28-C40	Aliphatic C28-C40	403		23.8	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	48.9		40 - 140	98%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3179-01	Acq On:	29 Sep 2025 19:56
Client Sample ID:	EME-TS14-01	Operator:	YP\AJ
Data file:	FE056055.D	Misc:	
Instrument:	FID_E	ALS Vial:	28
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.315	6.946	607540	4.339	300	ug/ml
Aliphatic C12-C16	6.947	10.396	1320678	8.611	200	ug/ml
Aliphatic C16-C21	10.397	13.773	8356375	50.376	300	ug/ml
Aliphatic C21-C28	13.774	17.443	920988	6.201	400	ug/ml
Aliphatic C28-C40	17.444	22.449	27507813	201.889	600	ug/ml
Aliphatic EPH	3.315	22.449	38713394	271.416		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.512	13.512	6818463	48.85		ug/ml
Aliphatic C9-C28	3.315	17.443	11205581	69.527	1200	ug/ml