

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	
Project:	RFP 916		Date Received:	
Client Sample ID:	PB169879BS		SDG No.:	Q3179
Lab Sample ID:	PB169879BS		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 6:36	PB169879

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	135		1	8.28	30.0	ug/l	FE056074.D
Aliphatic C12-C16	Aliphatic C12-C16	131		1	13.5	20.0	ug/l	FE056074.D
Aliphatic C16-C21	Aliphatic C16-C21	232		1	8.34	30.0	ug/l	FE056074.D
Aliphatic C21-C28	Aliphatic C21-C28	308		1	12.5	40.0	ug/l	FE056074.D
Aliphatic C28-C40	Aliphatic C28-C40	513		1	23.8	60.0	ug/l	FE056074.D
Aromatic C10-C12	Aromatic C10-C12	160		1	2.07	20.0	ug/l	FF016471.D
Aromatic C12-C16	Aromatic C12-C16	266		1	4.26	30.0	ug/l	FF016471.D
Aromatic C16-C21	Aromatic C16-C21	469		1	8.27	50.0	ug/l	FF016471.D
Aromatic C21-C36	Aromatic C21-C36	747		1	23.8	80.0	ug/l	FF016471.D
Total AliphaticEPH	Total AliphaticEPH	1320			66.4	180	ug/l	
Total AromaticEPH	Total AromaticEPH	1640			38.4	180	ug/l	
Total EPH	Total EPH	2960			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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File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE056074.D	1	09/29/25	09/30/25	PB169879

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TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	135		8.28	30.0	ug/l
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Aliphatic C16-C21	Aliphatic C16-C21	232		8.34	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	308		12.5	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	513		23.8	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	43.1		40 - 140	86%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169879BS	Acq On:	30 Sep 2025 06:36
Client Sample ID:	PB169879BS	Operator:	YP\AJ
Data file:	FE056074.D	Misc:	
Instrument:	FID_E	ALS Vial:	45
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.315	6.946	9459557	67.555	300	ug/ml
Aliphatic C12-C16	6.947	10.396	10055370	65.56	200	ug/ml
Aliphatic C16-C21	10.397	13.773	19255750	116.083	300	ug/ml
Aliphatic C21-C28	13.774	17.443	22923674	154.34	400	ug/ml
Aliphatic C28-C40	17.444	22.449	34989557	256.8	600	ug/ml
Aliphatic EPH	3.315	22.449	96683908	660.338		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.512	13.512	6013309	43.09		ug/ml
Aliphatic C9-C28	3.315	17.443	61694351	403.538	1200	ug/ml