

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:		
Project:	RFP 905		Date Received:		
Client Sample ID:	PB167402BS		SDG No.:	Q1664	
Lab Sample ID:	PB167402BS		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
04/01/25 08:13	04/01/25 16:46	PB167402

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	223		1	8.28	30.0	ug/l	FC068470.D
Aliphatic C12-C16	Aliphatic C12-C16	214		1	13.5	20.0	ug/l	FC068470.D
Aliphatic C16-C21	Aliphatic C16-C21	338		1	8.34	30.0	ug/l	FC068470.D
Aliphatic C21-C28	Aliphatic C21-C28	426		1	12.5	40.0	ug/l	FC068470.D
Aliphatic C28-C40	Aliphatic C28-C40	659		1	23.8	60.0	ug/l	FC068470.D
Aromatic C10-C12	Aromatic C10-C12	161		1	2.07	20.0	ug/l	FG015596.D
Aromatic C12-C16	Aromatic C12-C16	319		1	4.26	30.0	ug/l	FG015596.D
Aromatic C16-C21	Aromatic C16-C21	582		1	8.27	50.0	ug/l	FG015596.D
Aromatic C21-C36	Aromatic C21-C36	935		1	23.8	80.0	ug/l	FG015596.D
Total AliphaticEPH	Total AliphaticEPH	1860			66.4	180	ug/l	
Total AromaticEPH	Total AromaticEPH	2000			38.4	180	ug/l	
Total EPH	Total EPH	3860			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
FC068470.D	1	04/01/25	04/01/25	PB167402

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	223		8.28	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	214		13.5	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	338		8.34	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	426		12.5	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	659		23.8	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	40.0		40 - 140	80%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB167402BS	Acq On:	01 Apr 2025 16:46
Client Sample ID:	PB167402BS	Operator:	YP/AJ
Data file:	FC068470.D	Misc:	
Instrument:	FID_C	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.097	6.359	18170626	111.944	300	ug/ml
Aliphatic C12-C16	6.360	9.742	18046275	107.294	200	ug/ml
Aliphatic C16-C21	9.743	13.096	29019120	169.197	300	ug/ml
Aliphatic C21-C28	13.097	16.749	35975323	213.036	400	ug/ml
Aliphatic C28-C40	16.750	21.544	44911425	329.815	600	ug/ml
Aliphatic EPH	3.097	21.544	146122769	931.286		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.827	12.827	5962488	40		ug/ml
Aliphatic C9-C28	3.097	16.749	101211344	601.471	1200	ug/ml