

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	02/24/25	
Project:	RFP 905		Date Received:	02/24/25	
Client Sample ID:	Q1421-04MS		SDG No.:	Q1421	
Lab Sample ID:	Q1421-05		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
FC068312.D	1	02/26/25	02/27/25	PB166883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	201		5.76	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	158		3.61	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	238		5.14	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	320		8.97	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	531		17.0	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	34.0		40 - 140	68%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1421-05	Acq On:	27 Feb 2025 14:03
Client Sample ID:	Q1421-04MS	Operator:	YP/AJ
Data file:	FC068312.D	Misc:	
Instrument:	FID_C	ALS Vial:	15
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.104	6.370	14219855	100.825	300	ug/ml
Aliphatic C12-C16	6.371	9.754	10816763	79.154	200	ug/ml
Aliphatic C16-C21	9.755	13.108	15702633	119.293	300	ug/ml
Aliphatic C21-C28	13.109	16.762	19637716	160.058	400	ug/ml
Aliphatic C28-C40	16.763	21.566	27320361	265.642	600	ug/ml
Aliphatic EPH	3.104	21.566	87697328	724.972		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.840	12.840	3904213	33.95		ug/ml
Aliphatic C9-C28	3.104	16.762	60376967	459.33	1200	ug/ml