

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	03/26/25
Project:	RFP 905	Date Received:	03/27/25
Client Sample ID:	P001-BBDGA-005-01	SDG No.:	Q1664
Lab Sample ID:	Q1664-16	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 22:19	PB167402

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	6.19	J	1	8.28	30.0	ug/l	FC068479.D
Aliphatic C12-C16	Aliphatic C12-C16	23.6		1	13.5	20.0	ug/l	FC068479.D
Aliphatic C16-C21	Aliphatic C16-C21	9.01	J	1	8.34	30.0	ug/l	FC068479.D
Aliphatic C21-C28	Aliphatic C21-C28	12.5	U	1	12.5	40.0	ug/l	FC068479.D
Aliphatic C28-C40	Aliphatic C28-C40	23.8	U	1	23.8	60.0	ug/l	FC068479.D
Aromatic C10-C12	Aromatic C10-C12	17.9	J	1	2.07	20.0	ug/l	FG015605.D
Aromatic C12-C16	Aromatic C12-C16	23.8	J	1	4.26	30.0	ug/l	FG015605.D
Aromatic C16-C21	Aromatic C16-C21	181		1	8.27	50.0	ug/l	FG015605.D
Aromatic C21-C36	Aromatic C21-C36	23.8	U	1	23.8	80.0	ug/l	FG015605.D
Total AliphaticEPH	Total AliphaticEPH	66.4	U		66.4	180	ug/l	
Total AromaticEPH	Total AromaticEPH	223			38.4	180	ug/l	
Total EPH	Total EPH	262	J		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

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	03/26/25	
Project:	RFP 905		Date Received:	03/27/25	
Client Sample ID:	P001-BBDGA-005-01		SDG No.:	Q1664	
Lab Sample ID:	Q1664-16		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
FC068479.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	6.19	J	8.28	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	23.6		13.5	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	9.01	J	8.34	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	12.5	U	12.5	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	23.8	U	23.8	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	48.7		40 - 140	97%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1664-16	Acq On:	01 Apr 2025 22:19
Client Sample ID:	P001-BBDGA-005-01	Operator:	YP/AJ
Data file:	FC068479.D	Misc:	
Instrument:	FID_C	ALS Vial:	21
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.097	6.359	502047	3.093	300	ug/ml
Aliphatic C12-C16	6.360	9.742	1984739	11.8	200	ug/ml
Aliphatic C16-C21	9.743	13.096	772231	4.503	300	ug/ml
Aliphatic C21-C28	13.097	16.749	545814	3.232	400	ug/ml
Aliphatic C28-C40	16.750	21.544	2042778	15.001	600	ug/ml
Aliphatic EPH	3.097	21.544	5847609	37.629		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.826	12.826	7259966	48.7		ug/ml
Aliphatic C9-C28	3.097	16.749	3804831	22.628	1200	ug/ml