

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	04/07/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/07/25
Client Sample ID:	EB-2025-4-7	SDG No.:	Q1746
Lab Sample ID:	Q1746-07	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

Prep Date :	Date Analyzed :	Prep Batch ID
04/09/25 08:00	04/10/25 0:04	PB167524

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	8.54	U	1	8.54	30.9	ug/l	FC068539.D
Aliphatic C12-C16	Aliphatic C12-C16	13.9	U	1	13.9	20.6	ug/l	FC068539.D
Aliphatic C16-C21	Aliphatic C16-C21	8.60	U	1	8.60	30.9	ug/l	FC068539.D
Aliphatic C21-C28	Aliphatic C21-C28	12.9	U	1	12.9	41.2	ug/l	FC068539.D
Aliphatic C28-C40	Aliphatic C28-C40	24.5	U	1	24.5	61.9	ug/l	FC068539.D
Aromatic C10-C12	Aromatic C10-C12	2.13	U	1	2.13	20.6	ug/l	FD049261.D
Aromatic C12-C16	Aromatic C12-C16	4.39	U	1	4.39	30.9	ug/l	FD049261.D
Aromatic C16-C21	Aromatic C16-C21	29.5	J	1	8.53	51.5	ug/l	FD049261.D
Aromatic C21-C36	Aromatic C21-C36	24.5	U	1	24.5	82.5	ug/l	FD049261.D
Total AliphaticEPH	Total AliphaticEPH	68.4	U		68.4	186	ug/l	
Total AromaticEPH	Total AromaticEPH	39.5	U		39.5	186	ug/l	
Total EPH	Total EPH	108	U		108	371	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
FC068539.D	1	04/09/25	04/10/25	PB167524

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Aliphatic C21-C28	Aliphatic C21-C28	12.9	U	12.9	41.2	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	24.5	U	24.5	61.9	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	42.2		40 - 140	84%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1746-07	Acq On:	10 Apr 2025 00:04
Client Sample ID:	EB-2025-4-7	Operator:	YP/AJ
Data file:	FC068539.D	Misc:	
Instrument:	FID_C	ALS Vial:	22
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.348	6.648	91141	0.866	300	ug/ml
Aliphatic C12-C16	6.649	10.049	548453	5.36	200	ug/ml
Aliphatic C16-C21	10.050	13.416	0	0	300	ug/ml
Aliphatic C21-C28	13.417	17.080	0	0	400	ug/ml
Aliphatic C28-C40	17.081	22.083	107725	1.199	600	ug/ml
Aliphatic EPH	3.348	22.083	747319	7.424		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.149	13.149	3916930	42.17		ug/ml
Aliphatic C9-C28	3.348	17.080	639594	6.226	1200	ug/ml