

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	04/26/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/28/25
Client Sample ID:	FB04262025	SDG No.:	Q1901
Lab Sample ID:	Q1901-06	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	940 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

Prep Date :	Date Analyzed :	Prep Batch ID
05/01/25 09:40	05/02/25 14:40	PB167840

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	8.81	U	1	8.81	31.9	ug/l	FC068746.D
Aliphatic C12-C16	Aliphatic C12-C16	14.4	U	1	14.4	21.3	ug/l	FC068746.D
Aliphatic C16-C21	Aliphatic C16-C21	8.87	U	1	8.87	31.9	ug/l	FC068746.D
Aliphatic C21-C28	Aliphatic C21-C28	13.3	U	1	13.3	42.6	ug/l	FC068746.D
Aliphatic C28-C40	Aliphatic C28-C40	25.3	U	1	25.3	63.8	ug/l	FC068746.D
Aromatic C10-C12	Aromatic C10-C12	3.18	J	1	2.20	21.3	ug/l	FD049313.D
Aromatic C12-C16	Aromatic C12-C16	4.53	U	1	4.53	31.9	ug/l	FD049313.D
Aromatic C16-C21	Aromatic C16-C21	49.7	J	1	8.80	53.2	ug/l	FD049313.D
Aromatic C21-C36	Aromatic C21-C36	25.3	U	1	25.3	85.1	ug/l	FD049313.D
Total AliphaticEPH	Total AliphaticEPH	70.7	U		70.7	192	ug/l	
Total AromaticEPH	Total AromaticEPH	52.9	J		40.8	192	ug/l	
Total EPH	Total EPH	112	U		112	383	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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FC068746.D	1	05/01/25	05/02/25	PB167840

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Aliphatic C28-C40	Aliphatic C28-C40	25.3	U	25.3	63.8	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	42.9		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:	Q1901-06	Acq On:	02 May 2025 14:40
Client Sample ID:	FB04262025	Operator:	YP/AJ
Data file:	FC068746.D	Misc:	
Instrument:	FID_C	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.343	6.645	95984	0.912	300	ug/ml
Aliphatic C12-C16	6.646	10.046	38904	0.38	200	ug/ml
Aliphatic C16-C21	10.047	13.415	43108	0.436	300	ug/ml
Aliphatic C21-C28	13.416	17.079	0	0	400	ug/ml
Aliphatic C28-C40	17.080	22.085	0	0	600	ug/ml
Aliphatic EPH	3.343	22.085	177996	1.728		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.149	13.149	3985386	42.9		ug/ml
Aliphatic C9-C28	3.343	17.079	177996	1.728	1200	ug/ml