

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:		
Project:	Amtrak Sawtooth Bridges 2025		Date Received:		
Client Sample ID:	PB167840BS		SDG No.:	Q1901	
Lab Sample ID:	PB167840BS		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
05/01/25 09:40	05/02/25 13:26	PB167840

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	185		1	8.28	30.0	ug/l	FC068744.D
Aliphatic C12-C16	Aliphatic C12-C16	178		1	13.5	20.0	ug/l	FC068744.D
Aliphatic C16-C21	Aliphatic C16-C21	318		1	8.34	30.0	ug/l	FC068744.D
Aliphatic C21-C28	Aliphatic C21-C28	426		1	12.5	40.0	ug/l	FC068744.D
Aliphatic C28-C40	Aliphatic C28-C40	637		1	23.8	60.0	ug/l	FC068744.D
Aromatic C10-C12	Aromatic C10-C12	157		1	2.07	20.0	ug/l	FD049311.D
Aromatic C12-C16	Aromatic C12-C16	279		1	4.26	30.0	ug/l	FD049311.D
Aromatic C16-C21	Aromatic C16-C21	597		1	8.27	50.0	ug/l	FD049311.D
Aromatic C21-C36	Aromatic C21-C36	986		1	23.8	80.0	ug/l	FD049311.D
Total AliphaticEPH	Total AliphaticEPH	1740			66.4	180	ug/l	
Total AromaticEPH	Total AromaticEPH	2020			38.4	180	ug/l	
Total EPH	Total EPH	3760			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
FC068744.D	1	05/01/25	05/02/25	PB167840

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	185		8.28	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	178		13.5	20.0	ug/l
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Aliphatic C21-C28	Aliphatic C21-C28	426		12.5	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	637		23.8	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	40.2		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:	PB167840BS	Acq On:	02 May 2025 13:26
Client Sample ID:	PB167840BS	Operator:	YP/AJ
Data file:	FC068744.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	3.343	6.645	9784944	92.94	300	ug/ml
Aliphatic C12-C16	6.646	10.046	9110213	89.034	200	ug/ml
Aliphatic C16-C21	10.047	13.415	15713961	159.022	300	ug/ml
Aliphatic C21-C28	13.416	17.079	20064618	213.033	400	ug/ml
Aliphatic C28-C40	17.080	22.085	28634448	318.575	600	ug/ml
Aliphatic EPH	3.343	22.085	83308184	872.605		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.150	13.150	3738287	40.24		ug/ml
Aliphatic C9-C28	3.343	17.079	54673736	554.029	1200	ug/ml