

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB168324BSD	SDG No.:	Q2177
Lab Sample ID:	PB168324BSD	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
06/06/25 09:10	06/09/25 17:37	PB168324

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aromatic C10-C12	Aromatic C10-C12	83.6		1	2.07	20.0	ug/l	FD049417.D
Aromatic C12-C16	Aromatic C12-C16	132		1	4.26	30.0	ug/l	FD049417.D
Aromatic C16-C21	Aromatic C16-C21	254		1	8.27	50.0	ug/l	FD049417.D
Aromatic C21-C36	Aromatic C21-C36	494		1	23.8	80.0	ug/l	FD049417.D

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:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB168324BSD	SDG No.:	Q2177
Lab Sample ID:	PB168324BSD	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
06/06/25 09:10	06/09/25 17:37	PB168324

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	155		1	8.28	30.0	ug/l	FC069136.D
Aliphatic C12-C16	Aliphatic C12-C16	128		1	13.5	20.0	ug/l	FC069136.D
Aliphatic C16-C21	Aliphatic C16-C21	216		1	8.34	30.0	ug/l	FC069136.D
Aliphatic C21-C28	Aliphatic C21-C28	305		1	12.5	40.0	ug/l	FC069136.D
Aliphatic C28-C40	Aliphatic C28-C40	443		1	23.8	60.0	ug/l	FC069136.D
Aromatic C10-C12	Aromatic C10-C12	83.6		1	2.07	20.0	ug/l	FD049417.D
Aromatic C12-C16	Aromatic C12-C16	132		1	4.26	30.0	ug/l	FD049417.D
Aromatic C16-C21	Aromatic C16-C21	254		1	8.27	50.0	ug/l	FD049417.D
Aromatic C21-C36	Aromatic C21-C36	494		1	23.8	80.0	ug/l	FD049417.D
Total AliphaticEPH	Total AliphaticEPH	1250			66.4	180	ug/l	
Total AromaticEPH	Total AromaticEPH	964			38.4	180	ug/l	
Total EPH	Total EPH	2210			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:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB168324BSD	SDG No.:	Q2177
Lab Sample ID:	PB168324BSD	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
FC069136.D	1	06/06/25	06/09/25	PB168324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	155		8.28	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	128		13.5	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	216		8.34	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	305		12.5	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	443		23.8	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.9		40 - 140	78%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB168324BSD	Acq On:	09 Jun 2025 17:37
Client Sample ID:	PB168324BSD	Operator:	YP/AJ
Data file:	FC069136.D	Misc:	
Instrument:	FID_C	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.299	6.602	8233812	77.885	300	ug/ml
Aliphatic C12-C16	6.603	10.008	6547841	64.204	200	ug/ml
Aliphatic C16-C21	10.009	13.379	10596367	108.275	300	ug/ml
Aliphatic C21-C28	13.380	17.047	14345368	152.929	400	ug/ml
Aliphatic C28-C40	17.048	22.037	20933938	221.666	600	ug/ml
Aliphatic EPH	3.299	22.037	60657326	624.959		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.114	13.114	3493029	38.94		ug/ml
Aliphatic C9-C28	3.299	17.047	39723388	403.293	1200	ug/ml