

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB166976BS	SDG No.:	Q1488
Lab Sample ID:	PB166976BS	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
03/05/25 08:25	03/05/25 16:35	PB166976

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	152		1	5.76	30.0	ug/l	FC068370.D
Aliphatic C12-C16	Aliphatic C12-C16	152		1	3.61	20.0	ug/l	FC068370.D
Aliphatic C16-C21	Aliphatic C16-C21	262		1	5.14	30.0	ug/l	FC068370.D
Aliphatic C21-C28	Aliphatic C21-C28	362		1	8.97	40.0	ug/l	FC068370.D
Aliphatic C28-C40	Aliphatic C28-C40	596		1	17.0	60.0	ug/l	FC068370.D
Aromatic C10-C12	Aromatic C10-C12	149		1	3.32	20.0	ug/l	FD049160.D
Aromatic C12-C16	Aromatic C12-C16	274		1	3.69	30.0	ug/l	FD049160.D
Aromatic C16-C21	Aromatic C16-C21	525		1	12.7	50.0	ug/l	FD049160.D
Aromatic C21-C36	Aromatic C21-C36	822		1	25.2	80.0	ug/l	FD049160.D
Total AliphaticEPH	Total AliphaticEPH	1520			40.5	180	ug/l	
Total AromaticEPH	Total AromaticEPH	1770			44.9	180	ug/l	
Total EPH	Total EPH	3290			85.4	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:	PB166976BS	SDG No.:	Q1488
Lab Sample ID:	PB166976BS	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
FC068370.D	1	03/05/25	03/05/25	PB166976

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	152		5.76	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	152		3.61	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	262		5.14	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	362		8.97	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	596		17.0	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	43.4		40 - 140	87%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB166976BS	Acq On:	05 Mar 2025 16:35
Client Sample ID:	PB166976BS	Operator:	YP/AJ
Data file:	FC068370.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	3.102	6.366	10726225	76.053	300	ug/ml
Aliphatic C12-C16	6.367	9.749	10409797	76.176	200	ug/ml
Aliphatic C16-C21	9.750	13.103	17289732	131.35	300	ug/ml
Aliphatic C21-C28	13.104	16.755	22226859	181.161	400	ug/ml
Aliphatic C28-C40	16.756	21.556	30680533	298.314	600	ug/ml
Aliphatic EPH	3.102	21.556	91333146	763.054		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.835	12.835	4883798	43.42		ug/ml
Aliphatic C9-C28	3.102	16.755	60652613	464.74	1200	ug/ml