

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB166863BSD	SDG No.:	Q1415
Lab Sample ID:	PB166863BSD	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
02/25/25 08:43	02/25/25 16:59	PB166863

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	175		1	5.76	30.0	ug/l	FC068298.D
Aliphatic C12-C16	Aliphatic C12-C16	160		1	3.61	20.0	ug/l	FC068298.D
Aliphatic C16-C21	Aliphatic C16-C21	268		1	5.14	30.0	ug/l	FC068298.D
Aliphatic C21-C28	Aliphatic C21-C28	364		1	8.97	40.0	ug/l	FC068298.D
Aliphatic C28-C40	Aliphatic C28-C40	602		1	17.0	60.0	ug/l	FC068298.D
Aromatic C10-C12	Aromatic C10-C12	165		1	3.32	20.0	ug/l	FD049103.D
Aromatic C12-C16	Aromatic C12-C16	302		1	3.69	30.0	ug/l	FD049103.D
Aromatic C16-C21	Aromatic C16-C21	581		1	12.7	50.0	ug/l	FD049103.D
Aromatic C21-C36	Aromatic C21-C36	909		1	25.2	80.0	ug/l	FD049103.D
Total AliphaticEPH	Total AliphaticEPH	1570			40.5	180	ug/l	
Total AromaticEPH	Total AromaticEPH	1960			44.9	180	ug/l	
Total EPH	Total EPH	3530			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:	PB166863BSD	SDG No.:	Q1415
Lab Sample ID:	PB166863BSD	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
02/25/25 08:43	02/25/25 16:59	PB166863

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	175		1	5.76	30.0	ug/l	FC068298.D
Aliphatic C12-C16	Aliphatic C12-C16	160		1	3.61	20.0	ug/l	FC068298.D
Aliphatic C16-C21	Aliphatic C16-C21	268		1	5.14	30.0	ug/l	FC068298.D
Aliphatic C21-C28	Aliphatic C21-C28	364		1	8.97	40.0	ug/l	FC068298.D
Aliphatic C28-C40	Aliphatic C28-C40	602		1	17.0	60.0	ug/l	FC068298.D
Aromatic C10-C12	Aromatic C10-C12	165		1	3.32	20.0	ug/l	FD049103.D
Aromatic C12-C16	Aromatic C12-C16	302		1	3.69	30.0	ug/l	FD049103.D
Aromatic C16-C21	Aromatic C16-C21	581		1	12.7	50.0	ug/l	FD049103.D
Aromatic C21-C36	Aromatic C21-C36	909		1	25.2	80.0	ug/l	FD049103.D
Total AliphaticEPH	Total AliphaticEPH	1570			40.5	180	ug/l	
Total AromaticEPH	Total AromaticEPH	1960			44.9	180	ug/l	
Total EPH	Total EPH	3530			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:	PB166863BSD	SDG No.:	Q1415
Lab Sample ID:	PB166863BSD	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:		Test:	EPH
Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068298.D	1	02/25/25	02/25/25	PB166863

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	175		5.76	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	160		3.61	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	268		5.14	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	364		8.97	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	602		17.0	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	40.0		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:	PB166863BSD	Acq On:	25 Feb 2025 16:59
Client Sample ID:	PB166863BSD	Operator:	YP/AJ
Data file:	FC068298.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	3.105	6.371	12403499	87.946	300	ug/ml
Aliphatic C12-C16	6.372	9.756	10954326	80.161	200	ug/ml
Aliphatic C16-C21	9.757	13.110	17672217	134.256	300	ug/ml
Aliphatic C21-C28	13.111	16.764	22341891	182.098	400	ug/ml
Aliphatic C28-C40	16.765	21.571	31001598	301.436	600	ug/ml
Aliphatic EPH	3.105	21.571	94373531	785.897		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.843	12.843	4496924	39.98		ug/ml
Aliphatic C9-C28	3.105	16.764	63371933	484.461	1200	ug/ml