

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB166976BSD	SDG No.:	Q1488
Lab Sample ID:	PB166976BSD	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 17:12	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	FC068371.D
Aliphatic C12-C16	Aliphatic C12-C16	152		1	3.61	20.0	ug/l	FC068371.D
Aliphatic C16-C21	Aliphatic C16-C21	263		1	5.14	30.0	ug/l	FC068371.D
Aliphatic C21-C28	Aliphatic C21-C28	362		1	8.97	40.0	ug/l	FC068371.D
Aliphatic C28-C40	Aliphatic C28-C40	597		1	17.0	60.0	ug/l	FC068371.D
Aromatic C10-C12	Aromatic C10-C12	151		1	3.32	20.0	ug/l	FD049161.D
Aromatic C12-C16	Aromatic C12-C16	280		1	3.69	30.0	ug/l	FD049161.D
Aromatic C16-C21	Aromatic C16-C21	534		1	12.7	50.0	ug/l	FD049161.D
Aromatic C21-C36	Aromatic C21-C36	835		1	25.2	80.0	ug/l	FD049161.D
Total AliphaticEPH	Total AliphaticEPH	1530			40.5	180	ug/l	
Total AromaticEPH	Total AromaticEPH	1800			44.9	180	ug/l	
Total EPH	Total EPH	3330			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

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File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068371.D	1	03/05/25	03/05/25	PB166976

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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
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Aliphatic C21-C28	Aliphatic C21-C28	362		8.97	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	597		17.0	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	44.4		40 - 140	89%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB166976BSD	Acq On:	05 Mar 2025 17:12
Client Sample ID:	PB166976BSD	Operator:	YP/AJ
Data file:	FC068371.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	3.102	6.366	10720443	76.012	300	ug/ml
Aliphatic C12-C16	6.367	9.749	10433639	76.35	200	ug/ml
Aliphatic C16-C21	9.750	13.103	17366096	131.93	300	ug/ml
Aliphatic C21-C28	13.104	16.755	22265671	181.477	400	ug/ml
Aliphatic C28-C40	16.756	21.556	30721365	298.711	600	ug/ml
Aliphatic EPH	3.102	21.556	91507214	764.481		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.835	12.835	4989985	44.37		ug/ml
Aliphatic C9-C28	3.102	16.755	60785849	465.769	1200	ug/ml