

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB167524BS	SDG No.:	Q1746
Lab Sample ID:	PB167524BS	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
04/09/25 08:20	04/09/25 22:50	PB167524

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	165		1	8.28	30.0	ug/l	FC068537.D
Aliphatic C12-C16	Aliphatic C12-C16	147		1	13.5	20.0	ug/l	FC068537.D
Aliphatic C16-C21	Aliphatic C16-C21	256		1	8.34	30.0	ug/l	FC068537.D
Aliphatic C21-C28	Aliphatic C21-C28	344		1	12.5	40.0	ug/l	FC068537.D
Aliphatic C28-C40	Aliphatic C28-C40	518		1	23.8	60.0	ug/l	FC068537.D
Aromatic C10-C12	Aromatic C10-C12	108		1	2.07	20.0	ug/l	FD049259.D
Aromatic C12-C16	Aromatic C12-C16	183		1	4.26	30.0	ug/l	FD049259.D
Aromatic C16-C21	Aromatic C16-C21	388		1	8.27	50.0	ug/l	FD049259.D
Aromatic C21-C36	Aromatic C21-C36	709		1	23.8	80.0	ug/l	FD049259.D
Total AliphaticEPH	Total AliphaticEPH	1430			66.4	180	ug/l	
Total AromaticEPH	Total AromaticEPH	1390			38.4	180	ug/l	
Total EPH	Total EPH	2820			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

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Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068537.D	1	04/09/25	04/09/25	PB167524

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Aliphatic C28-C40	Aliphatic C28-C40	518		23.8	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	39.2		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:	PB167524BS	Acq On:	09 Apr 2025 22:50
Client Sample ID:	PB167524BS	Operator:	YP/AJ
Data file:	FC068537.D	Misc:	
Instrument:	FID_C	ALS Vial:	20
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.348	6.648	8733128	82.95	300	ug/ml
Aliphatic C12-C16	6.649	10.049	7557454	73.859	200	ug/ml
Aliphatic C16-C21	10.050	13.416	12663464	128.151	300	ug/ml
Aliphatic C21-C28	13.417	17.080	16226404	172.282	400	ug/ml
Aliphatic C28-C40	17.081	22.083	23314026	259.382	600	ug/ml
Aliphatic EPH	3.348	22.083	68494476	716.624		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.148	13.148	3639687	39.18		ug/ml
Aliphatic C9-C28	3.348	17.080	45180450	457.242	1200	ug/ml