

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB167056BSD	SDG No.:	Q1514
Lab Sample ID:	PB167056BSD	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
03/10/25 08:45	03/11/25 9:52	PB167056

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units
TARGETS							
Total AliphaticEPH	Total AliphaticEPH	1450			40.5	180	ug/l
Total AromaticEPH	Total AromaticEPH	1790			38.4	180	ug/l
Total EPH	Total EPH	3230			78.9	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

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TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	155		1	5.76	30.0	ug/l	FC068392.D
Aliphatic C12-C16	Aliphatic C12-C16	144		1	3.61	20.0	ug/l	FC068392.D
Aliphatic C16-C21	Aliphatic C16-C21	253		1	5.14	30.0	ug/l	FC068392.D
Aliphatic C21-C28	Aliphatic C21-C28	341		1	8.97	40.0	ug/l	FC068392.D
Aliphatic C28-C40	Aliphatic C28-C40	554		1	17.0	60.0	ug/l	FC068392.D
Aromatic C10-C12	Aromatic C10-C12	147		1	2.07	20.0	ug/l	FD049182.D
Aromatic C12-C16	Aromatic C12-C16	237		1	4.26	30.0	ug/l	FD049182.D
Aromatic C16-C21	Aromatic C16-C21	510		1	8.27	50.0	ug/l	FD049182.D
Aromatic C21-C36	Aromatic C21-C36	893		1	23.8	80.0	ug/l	FD049182.D
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File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068392.D	1	03/10/25	03/11/25	PB167056

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Aliphatic C28-C40	Aliphatic C28-C40	554		17.0	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	34.8		40 - 140	70%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB167056BSD	Acq On:	11 Mar 2025 09:52
Client Sample ID:	PB167056BSD	Operator:	YP/AJ
Data file:	FC068392.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	3.101	6.364	11360536	77.662	300	ug/ml
Aliphatic C12-C16	6.365	9.747	10158983	72.049	200	ug/ml
Aliphatic C16-C21	9.748	13.100	17334464	126.532	300	ug/ml
Aliphatic C21-C28	13.101	16.752	22401548	170.659	400	ug/ml
Aliphatic C28-C40	16.753	21.552	31998862	277.256	600	ug/ml
Aliphatic EPH	3.101	21.552	93254393	724.158		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.833	12.833	4031444	34.81		ug/ml
Aliphatic C9-C28	3.101	16.752	61255531	446.902	1200	ug/ml