

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB167056BS	SDG No.:	Q1514
Lab Sample ID:	PB167056BS	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 9:14	PB167056

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	158		1	5.76	30.0	ug/l	FC068391.D
Aliphatic C12-C16	Aliphatic C12-C16	147		1	3.61	20.0	ug/l	FC068391.D
Aliphatic C16-C21	Aliphatic C16-C21	259		1	5.14	30.0	ug/l	FC068391.D
Aliphatic C21-C28	Aliphatic C21-C28	348		1	8.97	40.0	ug/l	FC068391.D
Aliphatic C28-C40	Aliphatic C28-C40	556		1	17.0	60.0	ug/l	FC068391.D
Aromatic C10-C12	Aromatic C10-C12	145		1	2.07	20.0	ug/l	FD049181.D
Aromatic C12-C16	Aromatic C12-C16	234		1	4.26	30.0	ug/l	FD049181.D
Aromatic C16-C21	Aromatic C16-C21	499		1	8.27	50.0	ug/l	FD049181.D
Aromatic C21-C36	Aromatic C21-C36	867		1	23.8	80.0	ug/l	FD049181.D
Total AliphaticEPH	Total AliphaticEPH	1470			40.5	180	ug/l	
Total AromaticEPH	Total AromaticEPH	1750			38.4	180	ug/l	
Total EPH	Total EPH	3210			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

D = Dilution

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File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068391.D	1	03/10/25	03/11/25	PB167056

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Aliphatic C28-C40	Aliphatic C28-C40	556		17.0	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	36.2		40 - 140	72%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB167056BS	Acq On:	11 Mar 2025 09:14
Client Sample ID:	PB167056BS	Operator:	YP/AJ
Data file:	FC068391.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	3.101	6.364	11628242	79.492	300	ug/ml
Aliphatic C12-C16	6.365	9.747	10425687	73.941	200	ug/ml
Aliphatic C16-C21	9.748	13.100	17790030	129.857	300	ug/ml
Aliphatic C21-C28	13.101	16.752	22901016	174.465	400	ug/ml
Aliphatic C28-C40	16.753	21.552	32110089	278.219	600	ug/ml
Aliphatic EPH	3.101	21.552	94855064	735.974		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.832	12.832	4190688	36.18		ug/ml
Aliphatic C9-C28	3.101	16.752	62744975	457.755	1200	ug/ml