

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB166219BSD	SDG No.:	Q1194
Lab Sample ID:	PB166219BSD	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
01/28/25 08:31	01/28/25 16:55	PB166219

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	193		1	5.76	30.0	ug/l	FC068135.D
Aliphatic C12-C16	Aliphatic C12-C16	177		1	3.61	20.0	ug/l	FC068135.D
Aliphatic C16-C21	Aliphatic C16-C21	297		1	5.14	30.0	ug/l	FC068135.D
Aliphatic C21-C28	Aliphatic C21-C28	396		1	8.97	40.0	ug/l	FC068135.D
Aliphatic C28-C40	Aliphatic C28-C40	647		1	17.0	60.0	ug/l	FC068135.D
Aromatic C10-C12	Aromatic C10-C12	195		1	3.32	20.0	ug/l	FD048969.D
Aromatic C12-C16	Aromatic C12-C16	331		1	3.69	30.0	ug/l	FD048969.D
Aromatic C16-C21	Aromatic C16-C21	661		1	12.7	50.0	ug/l	FD048969.D
Aromatic C21-C36	Aromatic C21-C36	1070		1	25.2	80.0	ug/l	FD048969.D
Total AliphaticEPH	Total AliphaticEPH	1710			40.5	180	ug/l	
Total AromaticEPH	Total AromaticEPH	2260			44.9	180	ug/l	
Total EPH	Total EPH	3970			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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Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068135.D	1	01/28/25	01/28/25	PB166219

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Aliphatic C9-C12	Aliphatic C9-C12	193		5.76	30.0	ug/l
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Aliphatic C21-C28	Aliphatic C21-C28	396		8.97	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	647		17.0	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.7		40 - 140	77%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB166219BSD	Acq On:	28 Jan 2025 16:55
Client Sample ID:	PB166219BSD	Operator:	YP/AJ
Data file:	FC068135.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	3.129	6.397	13399710	96.757	300	ug/ml
Aliphatic C12-C16	6.398	9.782	12196596	88.565	200	ug/ml
Aliphatic C16-C21	9.783	13.137	20055450	148.538	300	ug/ml
Aliphatic C21-C28	13.138	16.791	25217665	198.24	400	ug/ml
Aliphatic C28-C40	16.792	21.605	33539753	323.621	600	ug/ml
Aliphatic EPH	3.129	21.605	104409174	855.722		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.868	12.868	4449518	38.69		ug/ml
Aliphatic C9-C28	3.129	16.791	70869421	532.1	1200	ug/ml