

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB166219BS	SDG No.:	Q1194
Lab Sample ID:	PB166219BS	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 16:18	PB166219

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	194		1	5.76	30.0	ug/l	FC068134.D
Aliphatic C12-C16	Aliphatic C12-C16	175		1	3.61	20.0	ug/l	FC068134.D
Aliphatic C16-C21	Aliphatic C16-C21	292		1	5.14	30.0	ug/l	FC068134.D
Aliphatic C21-C28	Aliphatic C21-C28	391		1	8.97	40.0	ug/l	FC068134.D
Aliphatic C28-C40	Aliphatic C28-C40	644		1	17.0	60.0	ug/l	FC068134.D
Aromatic C10-C12	Aromatic C10-C12	192		1	3.32	20.0	ug/l	FD048968.D
Aromatic C12-C16	Aromatic C12-C16	325		1	3.69	30.0	ug/l	FD048968.D
Aromatic C16-C21	Aromatic C16-C21	645		1	12.7	50.0	ug/l	FD048968.D
Aromatic C21-C36	Aromatic C21-C36	1040		1	25.2	80.0	ug/l	FD048968.D
Total AliphaticEPH	Total AliphaticEPH	1700			40.5	180	ug/l	
Total AromaticEPH	Total AromaticEPH	2200			44.9	180	ug/l	
Total EPH	Total EPH	3900			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
FC068134.D	1	01/28/25	01/28/25	PB166219

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Aliphatic C21-C28	Aliphatic C21-C28	391		8.97	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	644		17.0	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	39.4		40 - 140	79%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB166219BS	Acq On:	28 Jan 2025 16:18
Client Sample ID:	PB166219BS	Operator:	YP/AJ
Data file:	FC068134.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	3.129	6.397	13478505	97.326	300	ug/ml
Aliphatic C12-C16	6.398	9.782	12117967	87.994	200	ug/ml
Aliphatic C16-C21	9.783	13.137	19760847	146.356	300	ug/ml
Aliphatic C21-C28	13.138	16.791	24926480	195.951	400	ug/ml
Aliphatic C28-C40	16.792	21.605	33380338	322.083	600	ug/ml
Aliphatic EPH	3.129	21.605	103664137	849.711		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.869	12.869	4525889	39.35		ug/ml
Aliphatic C9-C28	3.129	16.791	70283799	527.627	1200	ug/ml