

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/04/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-102-GW01	SDG No.:	Q1488
Lab Sample ID:	Q1488-13	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	810 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

Prep Date :	Date Analyzed :	Prep Batch ID
03/05/25 08:25	03/05/25 18:27	PB166976

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	8.04	J	1	7.11	37.0	ug/l	FC068373.D
Aliphatic C12-C16	Aliphatic C12-C16	14.0	J	1	4.46	24.7	ug/l	FC068373.D
Aliphatic C16-C21	Aliphatic C16-C21	12.8	J	1	6.35	37.0	ug/l	FC068373.D
Aliphatic C21-C28	Aliphatic C21-C28	11.9	J	1	11.1	49.4	ug/l	FC068373.D
Aliphatic C28-C40	Aliphatic C28-C40	61.2	J	1	21.0	74.1	ug/l	FC068373.D
Aromatic C10-C12	Aromatic C10-C12	9.38	J	1	4.10	24.7	ug/l	FD049163.D
Aromatic C12-C16	Aromatic C12-C16	13.0	J	1	4.56	37.0	ug/l	FD049163.D
Aromatic C16-C21	Aromatic C16-C21	136		1	15.7	61.7	ug/l	FD049163.D
Aromatic C21-C36	Aromatic C21-C36	51.3	J	1	31.1	98.8	ug/l	FD049163.D
Total AliphaticEPH	Total AliphaticEPH	108	J		50.0	222	ug/l	
Total AromaticEPH	Total AromaticEPH	210	J		55.5	222	ug/l	
Total EPH	Total EPH	318	J		105	444	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
FC068373.D	1	03/05/25	03/05/25	PB166976

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Aliphatic C21-C28	Aliphatic C21-C28	11.9	J	11.1	49.4	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	61.2	J	21.0	74.1	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	35.2		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:	Q1488-13	Acq On:	05 Mar 2025 18:27
Client Sample ID:	ENV-102-GW01	Operator:	YP/AJ
Data file:	FC068373.D	Misc:	
Instrument:	FID_C	ALS Vial:	15
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.102	6.366	459255	3.256	300	ug/ml
Aliphatic C12-C16	6.367	9.749	773343	5.659	200	ug/ml
Aliphatic C16-C21	9.750	13.103	681686	5.179	300	ug/ml
Aliphatic C21-C28	13.104	16.755	590149	4.81	400	ug/ml
Aliphatic C28-C40	16.756	21.556	2549539	24.79	600	ug/ml
Aliphatic EPH	3.102	21.556	5053972	43.694		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.834	12.834	3961758	35.22		ug/ml
Aliphatic C9-C28	3.102	16.755	2504433	18.904	1200	ug/ml