

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	04/06/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/07/25
Client Sample ID:	B-149-GW01	SDG No.:	Q1746
Lab Sample ID:	Q1746-06	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

Prep Date :	Date Analyzed :	Prep Batch ID
04/09/25 08:20	04/10/25 0:41	PB167524

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	12.0	J	1	8.45	30.6	ug/l	FC068540.D
Aliphatic C12-C16	Aliphatic C12-C16	29.2		1	13.8	20.4	ug/l	FC068540.D
Aliphatic C16-C21	Aliphatic C16-C21	9.75	J	1	8.51	30.6	ug/l	FC068540.D
Aliphatic C21-C28	Aliphatic C21-C28	12.8	U	1	12.8	40.8	ug/l	FC068540.D
Aliphatic C28-C40	Aliphatic C28-C40	50.5	J	1	24.3	61.2	ug/l	FC068540.D
Aromatic C10-C12	Aromatic C10-C12	20.9		1	2.11	20.4	ug/l	FD049262.D
Aromatic C12-C16	Aromatic C12-C16	12.7	J	1	4.35	30.6	ug/l	FD049262.D
Aromatic C16-C21	Aromatic C16-C21	62.7		1	8.44	51.0	ug/l	FD049262.D
Aromatic C21-C36	Aromatic C21-C36	61.1	J	1	24.3	81.6	ug/l	FD049262.D
Total AliphaticEPH	Total AliphaticEPH	101	J		67.9	184	ug/l	
Total AromaticEPH	Total AromaticEPH	157	J		39.2	184	ug/l	
Total EPH	Total EPH	259	J		107	367	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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Lab Sample ID:	Q1746-06	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068540.D	1	04/09/25	04/10/25	PB167524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	12.0	J	8.45	30.6	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	29.2		13.8	20.4	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	9.75	J	8.51	30.6	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	12.8	U	12.8	40.8	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	50.5	J	24.3	61.2	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	42.5		40 - 140	85%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1746-06	Acq On:	10 Apr 2025 00:41
Client Sample ID:	B-149-GW01	Operator:	YP/AJ
Data file:	FC068540.D	Misc:	
Instrument:	FID_C	ALS Vial:	23
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.348	6.648	619744	5.887	300	ug/ml
Aliphatic C12-C16	6.649	10.049	1465124	14.319	200	ug/ml
Aliphatic C16-C21	10.050	13.416	472130	4.778	300	ug/ml
Aliphatic C21-C28	13.417	17.080	429817	4.564	400	ug/ml
Aliphatic C28-C40	17.081	22.083	2224207	24.746	600	ug/ml
Aliphatic EPH	3.348	22.083	5211022	54.292		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.148	13.148	3943002	42.45		ug/ml
Aliphatic C9-C28	3.348	17.080	2986815	29.548	1200	ug/ml