

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	05/31/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/03/25
Client Sample ID:	B-202-GW01	SDG No.:	Q2198
Lab Sample ID:	Q2198-05	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

Prep Date :	Date Analyzed :	Prep Batch ID
06/06/25 09:10	06/09/25 18:58	PB168324

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	8.41	J	1	8.36	30.3	ug/l	FC069138.D
Aliphatic C12-C16	Aliphatic C12-C16	13.6	U	1	13.6	20.2	ug/l	FC069138.D
Aliphatic C16-C21	Aliphatic C16-C21	13.5	J	1	8.42	30.3	ug/l	FC069138.D
Aliphatic C21-C28	Aliphatic C21-C28	17.7	J	1	12.6	40.4	ug/l	FC069138.D
Aliphatic C28-C40	Aliphatic C28-C40	45.9	J	1	24.0	60.6	ug/l	FC069138.D
Aromatic C10-C12	Aromatic C10-C12	9.15	J	1	2.09	20.2	ug/l	FD049425.D
Aromatic C12-C16	Aromatic C12-C16	13.3	J	1	4.30	30.3	ug/l	FD049425.D
Aromatic C16-C21	Aromatic C16-C21	37.0	J	1	8.35	50.5	ug/l	FD049425.D
Aromatic C21-C36	Aromatic C21-C36	42.4	J	1	24.0	80.8	ug/l	FD049425.D
Total AliphaticEPH	Total AliphaticEPH	85.5	J		67.0	182	ug/l	
Total AromaticEPH	Total AromaticEPH	102	J		38.7	182	ug/l	
Total EPH	Total EPH	187	J		106	364	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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Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069138.D	1	06/06/25	06/09/25	PB168324

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TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	8.41	J	8.36	30.3	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	13.6	U	13.6	20.2	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	13.5	J	8.42	30.3	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	17.7	J	12.6	40.4	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	45.9	J	24.0	60.6	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	62.3		40 - 140	125%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2198-05	Acq On:	09 Jun 2025 18:58
Client Sample ID:	B-202-GW01	Operator:	YP/AJ
Data file:	FC069138.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	3.299	6.602	440128	4.163	300	ug/ml
Aliphatic C12-C16	6.603	10.008	661041	6.482	200	ug/ml
Aliphatic C16-C21	10.009	13.379	654679	6.69	300	ug/ml
Aliphatic C21-C28	13.380	17.047	823828	8.782	400	ug/ml
Aliphatic C28-C40	17.048	22.037	2147319	22.738	600	ug/ml
Aliphatic EPH	3.299	22.037	4726995	48.855		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.116	13.116	5587369	62.28		ug/ml
Aliphatic C9-C28	3.299	17.047	2579676	26.117	1200	ug/ml