

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	05/31/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/02/25
Client Sample ID:	EB05312025	SDG No.:	Q2177
Lab Sample ID:	Q2177-08	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	910 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 18:17	PB168324

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	9.10	U	1	9.10	33.0	ug/l	FC069137.D
Aliphatic C12-C16	Aliphatic C12-C16	14.8	U	1	14.8	22.0	ug/l	FC069137.D
Aliphatic C16-C21	Aliphatic C16-C21	12.4	J	1	9.16	33.0	ug/l	FC069137.D
Aliphatic C21-C28	Aliphatic C21-C28	13.7	U	1	13.7	44.0	ug/l	FC069137.D
Aliphatic C28-C40	Aliphatic C28-C40	56.6	J	1	26.2	65.9	ug/l	FC069137.D
Aromatic C10-C12	Aromatic C10-C12	7.74	J	1	2.27	22.0	ug/l	FD049418.D
Aromatic C12-C16	Aromatic C12-C16	12.7	J	1	4.68	33.0	ug/l	FD049418.D
Aromatic C16-C21	Aromatic C16-C21	52.9	J	1	9.09	54.9	ug/l	FD049418.D
Aromatic C21-C36	Aromatic C21-C36	26.2	U	1	26.2	87.9	ug/l	FD049418.D
Total AliphaticEPH	Total AliphaticEPH	73.0	U		73.0	198	ug/l	
Total AromaticEPH	Total AromaticEPH	73.3	J		42.2	198	ug/l	
Total EPH	Total EPH	142	J		115	396	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
FC069137.D	1	06/06/25	06/09/25	PB168324

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TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	9.10	U	9.10	33.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	14.8	U	14.8	22.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	12.4	J	9.16	33.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	13.7	U	13.7	44.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	56.6	J	26.2	65.9	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.5		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:	Q2177-08	Acq On:	09 Jun 2025 18:17
Client Sample ID:	EB05312025	Operator:	YP/AJ
Data file:	FC069137.D	Misc:	
Instrument:	FID_C	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.299	6.602	396914	3.754	300	ug/ml
Aliphatic C12-C16	6.603	10.008	653553	6.408	200	ug/ml
Aliphatic C16-C21	10.009	13.379	553487	5.656	300	ug/ml
Aliphatic C21-C28	13.380	17.047	413903	4.412	400	ug/ml
Aliphatic C28-C40	17.048	22.037	2432383	25.756	600	ug/ml
Aliphatic EPH	3.299	22.037	4450240	45.987		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.113	13.113	3449755	38.45		ug/ml
Aliphatic C9-C28	3.299	17.047	2017857	20.23	1200	ug/ml