

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	06/01/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/03/25
Client Sample ID:	B-207-SB02	SDG No.:	Q2198
Lab Sample ID:	Q2198-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	52.1
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
06/11/25 08:45	06/12/25 3:27	PB168408

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.36	J	1	0.27	1.92	mg/kg	FC069172.D
Aliphatic C12-C16	Aliphatic C12-C16	0.83	J	1	0.21	1.28	mg/kg	FC069172.D
Aliphatic C16-C21	Aliphatic C16-C21	0.62	J	1	0.25	1.92	mg/kg	FC069172.D
Aliphatic C21-C28	Aliphatic C21-C28	1.02	U	1	1.02	2.55	mg/kg	FC069172.D
Aliphatic C28-C40	Aliphatic C28-C40	2.45	J	1	2.26	3.83	mg/kg	FC069172.D
Aromatic C10-C12	Aromatic C10-C12	0.44	J	1	0.23	1.28	mg/kg	FD049447.D
Aromatic C12-C16	Aromatic C12-C16	0.52	J	1	0.44	1.92	mg/kg	FD049447.D
Aromatic C16-C21	Aromatic C16-C21	2.66	J	1	0.77	3.19	mg/kg	FD049447.D
Aromatic C21-C36	Aromatic C21-C36	3.04	J	1	2.28	5.11	mg/kg	FD049447.D
Total AliphaticEPH	Total AliphaticEPH	4.26	J		4.01	11.5	mg/kg	
Total AromaticEPH	Total AromaticEPH	6.65	J		3.72	11.5	mg/kg	
Total EPH	Total EPH	10.9	J		7.72	23.0	mg/kg	

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
FC069172.D	1	06/11/25	06/12/25	PB168408

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Aliphatic C21-C28	Aliphatic C21-C28	1.02	U	1.02	2.55	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	2.45	J	2.26	3.83	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	51.3		40 - 140	103%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2198-03	Acq On:	12 Jun 2025 03:27
Client Sample ID:	B-207-SB02	Operator:	YP/AJ
Data file:	FC069172.D	Misc:	
Instrument:	FID_C	ALS Vial:	24
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.303	6.605	300108	2.839	300	ug/ml
Aliphatic C12-C16	6.606	10.010	666338	6.534	200	ug/ml
Aliphatic C16-C21	10.011	13.380	473479	4.838	300	ug/ml
Aliphatic C21-C28	13.381	17.048	701712	7.481	400	ug/ml
Aliphatic C28-C40	17.049	22.033	1814208	19.21	600	ug/ml
Aliphatic EPH	3.303	22.033	3955845	40.901		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.116	13.116	4598589	51.26		ug/ml
Aliphatic C9-C28	3.303	17.048	2141637	21.692	1200	ug/ml