

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	B-187-SB01MS	SDG No.:	Q2198
Lab Sample ID:	Q2177-02MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.2
Sample Wt/Vol:	30.03 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	06/11/25 22:09	PB168408

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	7.50		1	0.17	1.19	mg/kg FC069165.D
Aliphatic C12-C16	Aliphatic C12-C16	9.37		1	0.13	0.79	mg/kg FC069165.D
Aliphatic C16-C21	Aliphatic C16-C21	8.98		1	0.15	1.19	mg/kg FC069165.D
Aliphatic C21-C28	Aliphatic C21-C28	17.2		1	0.63	1.58	mg/kg FC069165.D
Aliphatic C28-C40	Aliphatic C28-C40	22.5		1	1.40	2.37	mg/kg FC069165.D
Aromatic C10-C12	Aromatic C10-C12	2.67		1	0.14	0.79	mg/kg FD049484.D
Aromatic C12-C16	Aromatic C12-C16	4.47		1	0.27	1.19	mg/kg FD049484.D
Aromatic C16-C21	Aromatic C16-C21	10.5		1	0.48	1.98	mg/kg FD049484.D
Aromatic C21-C36	Aromatic C21-C36	15.7		1	1.41	3.16	mg/kg FD049484.D
Total AliphaticEPH	Total AliphaticEPH	65.5			2.48	7.12	mg/kg
Total AromaticEPH	Total AromaticEPH	33.3			2.30	7.12	mg/kg
Total EPH	Total EPH	98.9			4.78	14.2	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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Analytical Method:	NJEPH	% Solid:	84.2
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069165.D	1	06/11/25	06/11/25	PB168408

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	7.50		0.17	1.19	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	9.37		0.13	0.79	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	8.98		0.15	1.19	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	17.2		0.63	1.58	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	22.5		1.40	2.37	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	69.3		40 - 140	139%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2177-02MS	Acq On:	11 Jun 2025 22:09
Client Sample ID:	B-187-SB01MS	Operator:	YP/AJ
Data file:	FC069165.D	Misc:	
Instrument:	FID_C	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.303	6.605	10028434	94.861	300	ug/ml
Aliphatic C12-C16	6.606	10.010	12078324	118.432	200	ug/ml
Aliphatic C16-C21	10.011	13.380	11106710	113.49	300	ug/ml
Aliphatic C21-C28	13.381	17.048	20368594	217.14	400	ug/ml
Aliphatic C28-C40	17.049	22.033	26847943	284.289	600	ug/ml
Aliphatic EPH	3.303	22.033	80430005	828.211		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.118	13.118	6218026	69.31		ug/ml
Aliphatic C9-C28	3.303	17.048	53582062	543.923	1200	ug/ml