

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/05/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/06/25
Client Sample ID:	ENV-105-SB01	SDG No.:	Q1514
Lab Sample ID:	Q1514-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.6
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
03/10/25 09:20	03/11/25 2:04	PB167058

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.41	U	1	0.41	1.09	mg/kg	FE052720.D
Aliphatic C12-C16	Aliphatic C12-C16	0.65	J	1	0.26	0.73	mg/kg	FE052720.D
Aliphatic C16-C21	Aliphatic C16-C21	4.48		1	0.33	1.09	mg/kg	FE052720.D
Aliphatic C21-C28	Aliphatic C21-C28	23.3		1	0.87	1.45	mg/kg	FE052720.D
Aliphatic C28-C40	Aliphatic C28-C40	57.9		2	3.93	4.36	mg/kg	FE052728.D
Aromatic C10-C12	Aromatic C10-C12	0.35	J	1	0.33	0.73	mg/kg	FF015641.D
Aromatic C12-C16	Aromatic C12-C16	0.65	J	1	0.37	1.09	mg/kg	FF015641.D
Aromatic C16-C21	Aromatic C16-C21	10.1		1	1.05	1.82	mg/kg	FF015641.D
Aromatic C21-C36	Aromatic C21-C36	69.3		2	4.36	5.82	mg/kg	FF015649.D
Total AliphaticEPH	Total AliphaticEPH	86.3			5.80	8.72	mg/kg	
Total AromaticEPH	Total AromaticEPH	80.4			6.11	9.46	mg/kg	
Total EPH	Total EPH	167			11.9	18.2	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

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File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052720.D	1	03/10/25	03/11/25	PB167058

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Aliphatic C16-C21	Aliphatic C16-C21	4.48		0.33	1.09	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	23.3		0.87	1.45	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	60.6	E	1.96	2.18	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	33.2		40 - 140	66%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1514-01	Acq On:	11 Mar 2025 02:04
Client Sample ID:	ENV-105-SB01	Operator:	YP\AJ
Data file:	FE052720.D	Misc:	
Instrument:	FID_E	ALS Vial:	31
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.151	6.796	531650	3.409	300	ug/ml
Aliphatic C12-C16	6.797	10.250	1348473	8.866	200	ug/ml
Aliphatic C16-C21	10.251	13.630	9036055	61.659	300	ug/ml
Aliphatic C21-C28	13.631	17.305	45655992	320.501	400	ug/ml
Aliphatic C28-C40	17.306	22.234	106359845	833.612	600	ug/ml
Aliphatic EPH	3.151	22.234	162932015	1230		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.357	13.357	4035950	33.24		ug/ml
Aliphatic C9-C28	3.151	17.305	56572170	394.435	1200	ug/ml