

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	04/05/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/07/25
Client Sample ID:	B-158-SB02	SDG No.:	Q1744
Lab Sample ID:	Q1744-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	56
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE053262.D	1	04/08/25	04/09/25	PB167513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	1.03	J	0.25	1.78	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	2.94		0.20	1.19	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	2.15		0.23	1.78	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.95	U	0.95	2.38	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	3.24	J	2.10	3.57	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	48.3		40 - 140	97%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1744-03	Acq On:	09 Apr 2025 05:39
Client Sample ID:	B-158-SB02	Operator:	YP\AJ
Data file:	FE053262.D	Misc:	
Instrument:	FID_E	ALS Vial:	33
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.139	6.782	1353071	8.672	300	ug/ml
Aliphatic C12-C16	6.783	10.234	3804104	24.761	200	ug/ml
Aliphatic C16-C21	10.235	13.613	2614338	18.113	300	ug/ml
Aliphatic C21-C28	13.614	17.285	986429	7.342	400	ug/ml
Aliphatic C28-C40	17.286	22.199	3385716	27.248	600	ug/ml
Aliphatic EPH	3.139	22.199	12143658	86.136		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.334	13.334	5800332	48.32		ug/ml
Aliphatic C9-C28	3.139	17.285	8757942	58.888	1200	ug/ml