

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-SB01	SDG No.:	Q1744
Lab Sample ID:	Q1744-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE053261.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	0.58	J	0.16	1.11	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	2.48		0.12	0.74	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	1.30		0.14	1.11	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.59	U	0.59	1.48	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	2.16	J	1.31	2.22	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	57.9		40 - 140	116%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1744-01	Acq On:	09 Apr 2025 05:09
Client Sample ID:	B-158-SB01	Operator:	YP\AJ
Data file:	FE053261.D	Misc:	
Instrument:	FID_E	ALS Vial:	32
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.139	6.782	1225935	7.857	300	ug/ml
Aliphatic C12-C16	6.783	10.234	5148175	33.51	200	ug/ml
Aliphatic C16-C21	10.235	13.613	2539591	17.595	300	ug/ml
Aliphatic C21-C28	13.614	17.285	939119	6.99	400	ug/ml
Aliphatic C28-C40	17.286	22.199	3630250	29.216	600	ug/ml
Aliphatic EPH	3.139	22.199	13483070	95.168		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.336	13.336	6953574	57.92		ug/ml
Aliphatic C9-C28	3.139	17.285	9852820	65.952	1200	ug/ml