

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	01/25/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	01/27/25
Client Sample ID:	B-110-SB01	SDG No.:	Q1194
Lab Sample ID:	Q1194-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.3
Sample Wt/Vol:	30.09 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG015189.D	1	01/28/25	01/28/25	PB166218

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.43	U	0.43	1.13	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.55	J	0.27	0.75	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.34	U	0.34	1.13	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.90	U	0.90	1.51	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	2.03	U	2.03	2.26	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	45.3		40 - 140	91%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1194-01	Acq On:	28 Jan 2025 18:43
Client Sample ID:	B-110-SB01	Operator:	YP\AJ
Data file:	FG015189.D	Misc:	
Instrument:	FID_G	ALS Vial:	20
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.178	6.820	310202	2.334	300	ug/ml
Aliphatic C12-C16	6.821	10.273	1029312	7.289	200	ug/ml
Aliphatic C16-C21	10.274	13.656	509558	3.526	300	ug/ml
Aliphatic C21-C28	13.657	17.330	426160	3.117	400	ug/ml
Aliphatic C28-C40	17.331	22.272	1393341	13.196	600	ug/ml
Aliphatic EPH	3.178	22.272	3668573	29.462		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.385	13.385	5519886	45.33		ug/ml
Aliphatic C9-C28	3.178	17.330	2275232	16.266	1200	ug/ml