

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-SB01DL	SDG No.:	Q1514
Lab Sample ID:	Q1514-01DL	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 :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052728.D	2	03/10/25	03/11/25	PB167058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.83	U	0.83	2.18	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.78	J	0.52	1.45	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	4.86		0.65	2.18	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	25.1		1.74	2.91	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	57.9		3.93	4.36	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	15.9		40 - 140	64%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1514-01DL	Acq On:	11 Mar 2025 10:20
Client Sample ID:	Q1514-01DL	Operator:	YP\AJ
Data file:	FE052728.D	Misc:	
Instrument:	FID_E	ALS Vial:	11
Dilution Factor:	2	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.148	6.791	163860	1.051	300	ug/ml
Aliphatic C12-C16	6.792	10.243	819930	5.391	200	ug/ml
Aliphatic C16-C21	10.244	13.622	4895068	33.402	300	ug/ml
Aliphatic C21-C28	13.623	17.293	24624304	172.861	400	ug/ml
Aliphatic C28-C40	17.294	22.207	50845112	398.507	600	ug/ml
Aliphatic EPH	3.148	22.207	81348274	611.211		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.355	13.355	1932296	15.91		ug/ml
Aliphatic C9-C28	3.148	17.293	30503162	212.705	1200	ug/ml