

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	08/12/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	08/12/25
Client Sample ID:	TG-S05	SDG No.:	Q2832
Lab Sample ID:	Q2832-09	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE055478.D	1	08/21/25	08/25/25	PB169364

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.46	J	0.15	1.10	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.68	J	0.12	0.73	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.66	J	0.14	1.10	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	1.62		0.58	1.46	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	11.2		1.29	2.19	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	66.5		40 - 140	133%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2832-09	Acq On:	25 Aug 2025 11:54
Client Sample ID:	TG-S05	Operator:	YP\AJ
Data file:	FE055478.D	Misc:	
Instrument:	FID_E	ALS Vial:	15
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.318	6.954	726329	6.219	300	ug/ml
Aliphatic C12-C16	6.955	10.408	1157989	9.247	200	ug/ml
Aliphatic C16-C21	10.409	13.788	1143346	9.045	300	ug/ml
Aliphatic C21-C28	13.789	17.461	2676978	22.215	400	ug/ml
Aliphatic C28-C40	17.462	22.488	17492397	153.459	600	ug/ml
Aliphatic EPH	3.318	22.488	23197039	200.186		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.524	13.524	7154922	66.54		ug/ml
Aliphatic C9-C28	3.318	17.461	5704642	46.726	1200	ug/ml