

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 :			

Prep Date :	Date Analyzed :	Prep Batch ID
04/08/25 10:10	04/10/25 23:28	PB167513

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.38	J	1	0.16	1.11	mg/kg	FC068563.D
Aliphatic C12-C16	Aliphatic C12-C16	1.61		1	0.12	0.74	mg/kg	FC068563.D
Aliphatic C16-C21	Aliphatic C16-C21	0.88	J	1	0.14	1.11	mg/kg	FC068563.D
Aliphatic C21-C28	Aliphatic C21-C28	0.59	U	1	0.59	1.48	mg/kg	FC068563.D
Aliphatic C28-C40	Aliphatic C28-C40	1.92	J	1	1.31	2.22	mg/kg	FC068563.D
Aromatic C10-C12	Aromatic C10-C12	0.45	J	1	0.13	0.74	mg/kg	FD049272.D
Aromatic C12-C16	Aromatic C12-C16	0.46	J	1	0.26	1.11	mg/kg	FD049272.D
Aromatic C16-C21	Aromatic C16-C21	3.47		1	0.44	1.85	mg/kg	FD049272.D
Aromatic C21-C36	Aromatic C21-C36	2.24	J	1	1.32	2.96	mg/kg	FD049272.D
Total AliphaticEPH	Total AliphaticEPH	4.79	J		2.32	6.66	mg/kg	
Total AromaticEPH	Total AromaticEPH	6.62	J		2.15	6.66	mg/kg	
Total EPH	Total EPH	11.4	J		4.47	13.3	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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FC068563.D	1	04/08/25	04/10/25	PB167513

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SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	48.0		40 - 140	96%	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:	10 Apr 2025 23:28
Client Sample ID:	B-158-SB01	Operator:	YP/AJ
Data file:	FC068563.D	Misc:	
Instrument:	FID_C	ALS Vial:	22
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.345	6.644	535805	5.089	300	ug/ml
Aliphatic C12-C16	6.645	10.043	2225498	21.75	200	ug/ml
Aliphatic C16-C21	10.044	13.409	1178768	11.929	300	ug/ml
Aliphatic C21-C28	13.410	17.073	698305	7.414	400	ug/ml
Aliphatic C28-C40	17.074	22.075	2332696	25.953	600	ug/ml
Aliphatic EPH	3.345	22.075	6971072	72.135		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.145	13.145	4456429	47.97		ug/ml
Aliphatic C9-C28	3.345	17.073	4638376	46.182	1200	ug/ml