284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/04/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-102-SB02	SDG No.:	Q1488
Lab Sample ID:	Q1488-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	80.1
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
03/10/25 09:20	03/11/25 0:33	PB167058

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.47	U	1	0.47	1.25	mg/kg	FE052717.D
Aliphatic C12-C16	Aliphatic C12-C16	0.30	U	1	0.30	0.83	mg/kg	FE052717.D
Aliphatic C16-C21	Aliphatic C16-C21	0.37	U	1	0.37	1.25	mg/kg	FE052717.D
Aliphatic C21-C28	Aliphatic C21-C28	1.00	U	1	1.00	1.66	mg/kg	FE052717.D
Aliphatic C28-C40	Aliphatic C28-C40	2.24	U	1	2.24	2.49	mg/kg	FE052717.D
Aromatic C10-C12	Aromatic C10-C12	0.37	U	1	0.37	0.83	mg/kg	FF015638.D
Aromatic C12-C16	Aromatic C12-C16	0.42	U	1	0.42	1.25	mg/kg	FF015638.D
Aromatic C16-C21	Aromatic C16-C21	1.20	U	1	1.20	2.08	mg/kg	FF015638.D
Aromatic C21-C36	Aromatic C21-C36	2.49	U	1	2.49	3.32	mg/kg	FF015638.D
Total AliphaticEPH	Total AliphaticEPH	4.38	U		4.38	7.48	mg/kg	
Total AromaticEPH	Total AromaticEPH	4.49	U		4.49	7.48	mg/kg	
Total EPH	Total EPH	8.87	U		8.87	15.0	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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Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052717.D	1	03/10/25	03/11/25	PB167058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.47	U	0.47	1.25	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.30	U	0.30	0.83	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.37	U	0.37	1.25	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	1.00	U	1.00	1.66	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	2.24	U	2.24	2.49	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	36.5		40 - 140	73%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1488-07	Acq On:	11 Mar 2025 00:33
Client Sample ID:	ENV-102-SB02	Operator:	YP\AJ
Data file:	FE052717.D	Misc:	
Instrument:	FID_E	ALS Vial:	28
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.151	6.796	80375	0.515	300	ug/ml
Aliphatic C12-C16	6.797	10.250	295416	1.942	200	ug/ml
Aliphatic C16-C21	10.251	13.630	0	0	300	ug/ml
Aliphatic C21-C28	13.631	17.305	0	0	400	ug/ml
Aliphatic C28-C40	17.306	22.234	0	0	600	ug/ml
Aliphatic EPH	3.151	22.234	375791	2.458		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.356	13.356	4436611	36.54		ug/ml
Aliphatic C9-C28	3.151	17.305	375791	2.457	1200	ug/ml