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:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB167524BSD	SDG No.:	Q1746
Lab Sample ID:	PB167524BSD	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

Prep Date :	Date Analyzed :	Prep Batch ID
04/09/25 08:20	04/09/25 23:27	PB167524

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	Datafile
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	166		1	8.28	30.0	ug/l	FC068538.D
Aliphatic C12-C16	Aliphatic C12-C16	144		1	13.5	20.0	ug/l	FC068538.D
Aliphatic C16-C21	Aliphatic C16-C21	248		1	8.34	30.0	ug/l	FC068538.D
Aliphatic C21-C28	Aliphatic C21-C28	335		1	12.5	40.0	ug/l	FC068538.D
Aliphatic C28-C40	Aliphatic C28-C40	514		1	23.8	60.0	ug/l	FC068538.D
Aromatic C10-C12	Aromatic C10-C12	105		1	2.07	20.0	ug/l	FD049260.D
Aromatic C12-C16	Aromatic C12-C16	184		1	4.26	30.0	ug/l	FD049260.D
Aromatic C16-C21	Aromatic C16-C21	401		1	8.27	50.0	ug/l	FD049260.D
Aromatic C21-C36	Aromatic C21-C36	717		1	23.8	80.0	ug/l	FD049260.D
Total AliphaticEPH	Total AliphaticEPH	1410			66.4	180	ug/l	
Total AromaticEPH	Total AromaticEPH	1410			38.4	180	ug/l	
Total EPH	Total EPH	2810			105	360	ug/l	

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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Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :	SW3510				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068538.D	1	04/09/25	04/09/25	PB167524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
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Aliphatic C12-C16	Aliphatic C12-C16	144		13.5	20.0	ug/l
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Aliphatic C21-C28	Aliphatic C21-C28	335		12.5	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	514		23.8	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.3		40 - 140	77%	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:	PB167524BSD	Acq On:	09 Apr 2025 23:27
Client Sample ID:	PB167524BSD	Operator:	YP/AJ
Data file:	FC068538.D	Misc:	
Instrument:	FID_C	ALS Vial:	21
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.348	6.648	8766358	83.265	300	ug/ml
Aliphatic C12-C16	6.649	10.049	7412763	72.445	200	ug/ml
Aliphatic C16-C21	10.050	13.416	12259676	124.065	300	ug/ml
Aliphatic C21-C28	13.417	17.080	15818156	167.947	400	ug/ml
Aliphatic C28-C40	17.081	22.083	23104880	257.056	600	ug/ml
Aliphatic EPH	3.348	22.083	67361833	704.778		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.145	13.145	3554387	38.26		ug/ml
Aliphatic C9-C28	3.348	17.080	44256953	447.722	1200	ug/ml