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:	03/05/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/06/25
Client Sample ID:	ENV-103-GW01	SDG No.:	Q1514
Lab Sample ID:	Q1514-08	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

Prep Date :	Date Analyzed :	Prep Batch ID
03/10/25 08:45	03/11/25 11:48	PB167056

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	Datafile
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	6.20	J	1	6.00	31.2	ug/l	FC068395.D
Aliphatic C12-C16	Aliphatic C12-C16	9.77	J	1	3.76	20.8	ug/l	FC068395.D
Aliphatic C16-C21	Aliphatic C16-C21	68.0		1	5.35	31.2	ug/l	FC068395.D
Aliphatic C21-C28	Aliphatic C21-C28	9.34	U	1	9.34	41.7	ug/l	FC068395.D
Aliphatic C28-C40	Aliphatic C28-C40	48.1	J	1	17.7	62.5	ug/l	FC068395.D
Aromatic C10-C12	Aromatic C10-C12	4.45	J	1	3.46	20.8	ug/l	FD049185.D
Aromatic C12-C16	Aromatic C12-C16	7.00	J	1	3.84	31.2	ug/l	FD049185.D
Aromatic C16-C21	Aromatic C16-C21	30.6	J	1	13.2	52.1	ug/l	FD049185.D
Aromatic C21-C36	Aromatic C21-C36	100		1	26.2	83.3	ug/l	FD049185.D
Total AliphaticEPH	Total AliphaticEPH	132	J		42.1	187	ug/l	
Total AromaticEPH	Total AromaticEPH	142	J		46.7	187	ug/l	
Total EPH	Total EPH	274	J		88.8	375	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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Report of Analysis

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Project:	Amtrak Sawtooth Bridges 2025		Date Received:	03/06/25	
Client Sample ID:	ENV-103-GW01		SDG No.:	Q1514	
Lab Sample ID:	Q1514-08		Matrix:	Water	
Analytical Method:	NJEPH		% Solid:	0	
Sample Wt/Vol:	960	Units: mL	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :	SW3510				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068395.D	1	03/10/25	03/11/25	PB167056

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Aliphatic C28-C40	Aliphatic C28-C40	48.1	J	17.7	62.5	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	33.6		40 - 140	67%	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:	Q1514-08	Acq On:	11 Mar 2025 11:48
Client Sample ID:	ENV-103-GW01	Operator:	YP/AJ
Data file:	FC068395.D	Misc:	
Instrument:	FID_C	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.101	6.364	435623	2.978	300	ug/ml
Aliphatic C12-C16	6.365	9.747	660998	4.688	200	ug/ml
Aliphatic C16-C21	9.748	13.100	4469307	32.623	300	ug/ml
Aliphatic C21-C28	13.101	16.752	419638	3.197	400	ug/ml
Aliphatic C28-C40	16.753	21.552	2664638	23.088	600	ug/ml
Aliphatic EPH	3.101	21.552	8650204	66.574		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.832	12.832	3889203	33.58		ug/ml
Aliphatic C9-C28	3.101	16.752	5985566	43.486	1200	ug/ml