

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB166863BS	SDG No.:	Q1415
Lab Sample ID:	PB166863BS	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
02/25/25 08:43	02/25/25 16:23	PB166863

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	172		1	5.76	30.0	ug/l	FC068297.D
Aliphatic C12-C16	Aliphatic C12-C16	158		1	3.61	20.0	ug/l	FC068297.D
Aliphatic C16-C21	Aliphatic C16-C21	268		1	5.14	30.0	ug/l	FC068297.D
Aliphatic C21-C28	Aliphatic C21-C28	366		1	8.97	40.0	ug/l	FC068297.D
Aliphatic C28-C40	Aliphatic C28-C40	602		1	17.0	60.0	ug/l	FC068297.D
Aromatic C10-C12	Aromatic C10-C12	165		1	3.32	20.0	ug/l	FD049102.D
Aromatic C12-C16	Aromatic C12-C16	410		1	3.69	30.0	ug/l	FD049102.D
Aromatic C16-C21	Aromatic C16-C21	583		1	12.7	50.0	ug/l	FD049102.D
Aromatic C21-C36	Aromatic C21-C36	905		1	25.2	80.0	ug/l	FD049102.D
Total AliphaticEPH	Total AliphaticEPH	1570			40.5	180	ug/l	
Total AromaticEPH	Total AromaticEPH	2060			44.9	180	ug/l	
Total EPH	Total EPH	3630			85.4	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:		Test:	EPH
Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068297.D	1	02/25/25	02/25/25	PB166863

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Aliphatic C28-C40	Aliphatic C28-C40	602		17.0	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	40.7		40 - 140	81%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB166863BS	Acq On:	25 Feb 2025 16:23
Client Sample ID:	PB166863BS	Operator:	YP/AJ
Data file:	FC068297.D	Misc:	
Instrument:	FID_C	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.105	6.371	12187522	86.415	300	ug/ml
Aliphatic C12-C16	6.372	9.756	10850504	79.401	200	ug/ml
Aliphatic C16-C21	9.757	13.110	17698581	134.456	300	ug/ml
Aliphatic C21-C28	13.111	16.764	22476976	183.199	400	ug/ml
Aliphatic C28-C40	16.765	21.571	30982185	301.247	600	ug/ml
Aliphatic EPH	3.105	21.571	94195768	784.718		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.843	12.843	4574944	40.68		ug/ml
Aliphatic C9-C28	3.105	16.764	63213583	483.471	1200	ug/ml