

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	08/21/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	08/21/25
Client Sample ID:	ENV-SW02	SDG No.:	Q2934
Lab Sample ID:	Q2934-02	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		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE055523.D	1	08/25/25	08/27/25	PB169398

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	12.7	J	8.28	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	16.4	J	13.5	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	16.5	J	8.34	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	15.0	J	12.5	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	213		23.8	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	59.1		40 - 140	118%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2934-02	Acq On:	27 Aug 2025 00:03
Client Sample ID:	ENV-SW02	Operator:	YP\AJ
Data file:	FE055523.D	Misc:	
Instrument:	FID_E	ALS Vial:	25
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.317	6.953	740345	6.34	300	ug/ml
Aliphatic C12-C16	6.954	10.407	1028890	8.216	200	ug/ml
Aliphatic C16-C21	10.408	13.786	1040579	8.232	300	ug/ml
Aliphatic C21-C28	13.787	17.459	906638	7.524	400	ug/ml
Aliphatic C28-C40	17.460	22.479	12167027	106.74	600	ug/ml
Aliphatic EPH	3.317	22.479	15883479	137.052		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.517	13.517	6358725	59.14		ug/ml
Aliphatic C9-C28	3.317	17.459	3716452	30.312	1200	ug/ml