

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	10/18/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/18/24
Client Sample ID:	WB-303-BOTDL	SDG No.:	P4460
Lab Sample ID:	P4460-03DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	80.1
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067501.D	5	10/22/24	10/23/24	PB164309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	6.26		2.37	6.23	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	45.8		1.50	4.15	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	2.84	J	1.87	6.23	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	10.1		4.99	8.31	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	11.2	U	11.2	12.5	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	8.15		40 - 140	82%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4460-03DL	Acq On:	23 Oct 2024 12:09
Client Sample ID:	WB-303-BOTDL	Operator:	YP/AJ
Data file:	FC067501.D	Misc:	
Instrument:	FID_C	ALS Vial:	25
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.175	6.455	1934395	15.071	300	ug/ml
Aliphatic C12-C16	6.456	9.845	14452444	110.36	200	ug/ml
Aliphatic C16-C21	9.846	13.203	899790	6.844	300	ug/ml
Aliphatic C21-C28	13.204	16.857	3092667	24.386	400	ug/ml
Aliphatic C28-C40	16.858	21.701	319320	3.035	600	ug/ml
Aliphatic EPH	3.175	21.701	20698616	159.695		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.934	12.934	922727	8.15		ug/ml
Aliphatic C9-C28	3.175	16.857	20379296	156.661	1200	ug/ml