

## Report of Analysis

|                    |                              |                 |         |
|--------------------|------------------------------|-----------------|---------|
| Client:            | Portal Partners Tri-Venture  | Date Collected: |         |
| Project:           | Amtrak Sawtooth Bridges 2025 | Date Received:  |         |
| Client Sample ID:  | PB168324BS                   | SDG No.:        | Q2198   |
| Lab Sample ID:     | PB168324BS                   | 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 |
| 06/06/25 09:10 | 06/09/25 16:57  | PB168324      |

Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units |            |
|--------------------|--------------------|-------|-----------|----------|------|------------|-------|------------|
| <b>TARGETS</b>     |                    |       |           |          |      |            |       |            |
| Aliphatic C9-C12   | Aliphatic C9-C12   | 148   |           | 1        | 8.28 | 30.0       | ug/l  | FC069135.D |
| Aliphatic C12-C16  | Aliphatic C12-C16  | 123   |           | 1        | 13.5 | 20.0       | ug/l  | FC069135.D |
| Aliphatic C16-C21  | Aliphatic C16-C21  | 209   |           | 1        | 8.34 | 30.0       | ug/l  | FC069135.D |
| Aliphatic C21-C28  | Aliphatic C21-C28  | 298   |           | 1        | 12.5 | 40.0       | ug/l  | FC069135.D |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 420   |           | 1        | 23.8 | 60.0       | ug/l  | FC069135.D |
| Aromatic C10-C12   | Aromatic C10-C12   | 91.0  |           | 1        | 2.07 | 20.0       | ug/l  | FD049416.D |
| Aromatic C12-C16   | Aromatic C12-C16   | 143   |           | 1        | 4.26 | 30.0       | ug/l  | FD049416.D |
| Aromatic C16-C21   | Aromatic C16-C21   | 271   |           | 1        | 8.27 | 50.0       | ug/l  | FD049416.D |
| Aromatic C21-C36   | Aromatic C21-C36   | 515   |           | 1        | 23.8 | 80.0       | ug/l  | FD049416.D |
| Total AliphaticEPH | Total AliphaticEPH | 1200  |           |          | 66.4 | 180        | ug/l  |            |
| Total AromaticEPH  | Total AromaticEPH  | 1020  |           |          | 38.4 | 180        | ug/l  |            |
| Total EPH          | Total EPH          | 2220  |           |          | 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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|                    |                              |                 |              |
|--------------------|------------------------------|-----------------|--------------|
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| Project:           | Amtrak Sawtooth Bridges 2025 | Date Received:  |              |
| Client Sample ID:  | PB168324BS                   | SDG No.:        | Q2198        |
| Lab Sample ID:     | PB168324BS                   | 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 |
| FC069135.D | 1         | 06/06/25    | 06/09/25        | PB168324      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C12  | Aliphatic C9-C12          | 148   |           | 8.28     | 30.0       | ug/l    |
| Aliphatic C12-C16 | Aliphatic C12-C16         | 123   |           | 13.5     | 20.0       | ug/l    |
| Aliphatic C16-C21 | Aliphatic C16-C21         | 209   |           | 8.34     | 30.0       | ug/l    |
| Aliphatic C21-C28 | Aliphatic C21-C28         | 298   |           | 12.5     | 40.0       | ug/l    |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 420   |           | 23.8     | 60.0       | ug/l    |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 37.5  |           | 40 - 140 | 75%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 0.00  |           | 40 - 140 | 0%         | SPK: 50 |

## Quantitation Report For Aliphatic EPH Range.

|                   |            |                    |                   |
|-------------------|------------|--------------------|-------------------|
| Lab Sample ID:    | PB168324BS | Acq On:            | 09 Jun 2025 16:57 |
| Client Sample ID: | PB168324BS | Operator:          | YP/AJ             |
| Data file:        | FC069135.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          | 3.299  | 6.602  | 7850856  | 74.263  | 300              | ug/ml |
| Aliphatic C12-C16         | 6.603  | 10.008 | 6291363  | 61.689  | 200              | ug/ml |
| Aliphatic C16-C21         | 10.009 | 13.379 | 10246363 | 104.699 | 300              | ug/ml |
| Aliphatic C21-C28         | 13.380 | 17.047 | 14009671 | 149.351 | 400              | ug/ml |
| Aliphatic C28-C40         | 17.048 | 22.037 | 19850508 | 210.194 | 600              | ug/ml |
| Aliphatic EPH             | 3.299  | 22.037 | 58248761 | 600.195 |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 0.000  | 0.000  | 0        | 0       |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.113 | 13.113 | 3366566  | 37.53   |                  | ug/ml |
| Aliphatic C9-C28          | 3.299  | 17.047 | 38398253 | 390.002 | 1200             | ug/ml |