

## 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-SW03                     | SDG No.:        | Q2934        |
| Lab Sample ID:     | Q2934-03                     | Matrix:         | Water        |
| Analytical Method: | NJEPH                        | % Solid:        | 0            |
| Sample Wt/Vol:     | 990      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 |
| FE055524.D | 1         | 08/25/25    | 08/27/25        | PB169398      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C12  | Aliphatic C9-C12          | 13.0  | J         | 8.36     | 30.3       | ug/l    |
| Aliphatic C12-C16 | Aliphatic C12-C16         | 16.4  | J         | 13.6     | 20.2       | ug/l    |
| Aliphatic C16-C21 | Aliphatic C16-C21         | 17.1  | J         | 8.42     | 30.3       | ug/l    |
| Aliphatic C21-C28 | Aliphatic C21-C28         | 13.8  | J         | 12.6     | 40.4       | ug/l    |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 143   |           | 24.0     | 60.6       | ug/l    |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 55.5  |           | 40 - 140 | 111%       | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 0.00  |           | 40 - 140 | 0%         | SPK: 50 |

## Quantitation Report For Aliphatic EPH Range.

|                   |            |                    |                   |
|-------------------|------------|--------------------|-------------------|
| Lab Sample ID:    | Q2934-03   | Acq On:            | 27 Aug 2025 00:33 |
| Client Sample ID: | ENV-SW03   | Operator:          | YP\AJ             |
| Data file:        | FE055524.D | Misc:              |                   |
| Instrument:       | FID_E      | ALS Vial:          | 26                |
| Dilution Factor:  | 1          | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response | Conc    | highest_standard | Units |
|---------------------------|--------|--------|----------|---------|------------------|-------|
| Aliphatic C9-C12          | 3.317  | 6.953  | 749128   | 6.415   | 300              | ug/ml |
| Aliphatic C12-C16         | 6.954  | 10.407 | 1013595  | 8.094   | 200              | ug/ml |
| Aliphatic C16-C21         | 10.408 | 13.786 | 1068164  | 8.45    | 300              | ug/ml |
| Aliphatic C21-C28         | 13.787 | 17.459 | 823293   | 6.832   | 400              | ug/ml |
| Aliphatic C28-C40         | 17.460 | 22.479 | 8112014  | 71.166  | 600              | ug/ml |
| Aliphatic EPH             | 3.317  | 22.479 | 11766194 | 100.957 |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 0.000  | 0.000  | 0        | 0       |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.517 | 13.517 | 5962333  | 55.45   |                  | ug/ml |
| Aliphatic C9-C28          | 3.317  | 17.459 | 3654180  | 29.791  | 1200             | ug/ml |