

## Report of Analysis

|                    |                              |                 |                      |
|--------------------|------------------------------|-----------------|----------------------|
| Client:            | Portal Partners Tri-Venture  | Date Collected: |                      |
| Project:           | Amtrak Sawtooth Bridges 2025 | Date Received:  |                      |
| Client Sample ID:  | PB169398BL                   | SDG No.:        | Q2934                |
| Lab Sample ID:     | PB169398BL                   | Matrix:         | Water                |
| Analytical Method: | NJEPH                        | % Solid:        | 0                    |
| Sample Wt/Vol:     | 1000      Units:    mL       | Final Vol:      | 2000              uL |
| Soil Aliquot Vol:  |                              | Test:           | EPH                  |
| Prep Method :      | SW3510                       |                 |                      |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FE055519.D | 1         | 08/25/25    | 08/26/25        | PB169398      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C12  | Aliphatic C9-C12          | 8.28  | U         | 8.28     | 30.0       | ug/l    |
| Aliphatic C12-C16 | Aliphatic C12-C16         | 13.5  | U         | 13.5     | 20.0       | ug/l    |
| Aliphatic C16-C21 | Aliphatic C16-C21         | 8.34  | U         | 8.34     | 30.0       | ug/l    |
| Aliphatic C21-C28 | Aliphatic C21-C28         | 12.5  | U         | 12.5     | 40.0       | ug/l    |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 23.8  | U         | 23.8     | 60.0       | ug/l    |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 58.7  |           | 40 - 140 | 117%       | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 0.00  |           | 40 - 140 | 0%         | SPK: 50 |

## Quantitation Report For Aliphatic EPH Range.

|                   |            |                    |                   |
|-------------------|------------|--------------------|-------------------|
| Lab Sample ID:    | PB169398BL | Acq On:            | 26 Aug 2025 22:02 |
| Client Sample ID: | PB169398BL | Operator:          | YP\AJ             |
| Data file:        | FE055519.D | Misc:              |                   |
| Instrument:       | FID_E      | ALS Vial:          | 21                |
| Dilution Factor:  | 1          | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response | Conc  | highest_standard | Units |
|---------------------------|--------|--------|----------|-------|------------------|-------|
| Aliphatic C9-C12          | 3.317  | 6.953  | 0        | 0     | 300              | ug/ml |
| Aliphatic C12-C16         | 6.954  | 10.407 | 0        | 0     | 200              | ug/ml |
| Aliphatic C16-C21         | 10.408 | 13.786 | 0        | 0     | 300              | ug/ml |
| Aliphatic C21-C28         | 13.787 | 17.459 | 0        | 0     | 400              | ug/ml |
| Aliphatic C28-C40         | 17.460 | 22.479 | 0        | 0     | 600              | ug/ml |
| Aliphatic EPH             | 3.317  | 22.479 | 0        | 0     |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 0.000  | 0.000  | 0        | 0     |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.518 | 13.518 | 6309394  | 58.68 |                  | ug/ml |
| Aliphatic C9-C28          | 3.317  | 17.459 | 0        | 0     | 1200             | ug/ml |