

## Report of Analysis

|                    |                              |                 |              |
|--------------------|------------------------------|-----------------|--------------|
| Client:            | Portal Partners Tri-Venture  | Date Collected: | 05/31/25     |
| Project:           | Amtrak Sawtooth Bridges 2025 | Date Received:  | 06/02/25     |
| Client Sample ID:  | EB05312025                   | SDG No.:        | Q2177        |
| Lab Sample ID:     | Q2177-08                     | Matrix:         | Water        |
| Analytical Method: | NJEPH                        | % Solid:        | 0            |
| Sample Wt/Vol:     | 910      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 |
| FD049418.D | 1         | 06/06/25    | 06/09/25        | PB168324      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aromatic C10-C12  | Aromatic C10-C12          | 7.74  | J         | 2.27     | 22.0       | ug/l    |
| Aromatic C12-C16  | Aromatic C12-C16          | 12.7  | J         | 4.68     | 33.0       | ug/l    |
| Aromatic C16-C21  | Aromatic C16-C21          | 52.9  | J         | 9.09     | 54.9       | ug/l    |
| Aromatic C21-C36  | Aromatic C21-C36          | 26.2  | U         | 26.2     | 87.9       | ug/l    |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 580-13-2          | 2-Bromonaphthalene (SURR) | 48.8  |           | 40 - 140 | 98%        | SPK: 50 |
| 321-60-8          | 2-Fluorobiphenyl (SURR)   | 47.5  |           | 40 - 140 | 95%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 44.0  |           | 40 - 140 | 88%        | SPK: 50 |

## Quantitation Report For Aromatic EPH Range.

|                   |            |                    |                   |
|-------------------|------------|--------------------|-------------------|
| Lab Sample ID:    | Q2177-08   | Acq On:            | 09 Jun 2025 18:17 |
| Client Sample ID: | EB05312025 | Operator:          | YP/AJ             |
| Data file:        | FD049418.D | Misc:              |                   |
| Instrument:       | FID_D      | ALS Vial:          | 64                |
| Dilution Factor:  | 1          | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response | Conc   | highest_standard | Units |
|---------------------------|--------|--------|----------|--------|------------------|-------|
| Aromatic EPH              | 4.424  | 18.512 | 7697301  | 44.248 |                  | ug/ml |
| 2-Fluorobiphenyl (SURR)   | 8.600  | 8.600  | 5429129  | 47.46  |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 11.648 | 11.648 | 8823947  | 43.96  |                  | ug/ml |
| 2-Bromonaphthalene (SURR) | 7.734  | 7.734  | 8111967  | 48.8   |                  | ug/ml |
| Aromatic C10-C12          | 4.424  | 6.169  | 589264   | 3.521  | 200              | ug/ml |
| Aromatic C12-C16          | 6.170  | 8.798  | 1086281  | 5.793  | 300              | ug/ml |
| Aromatic C16-C21          | 8.799  | 13.089 | 4442554  | 24.048 | 500              | ug/ml |
| Aromatic C21-C36          | 13.090 | 18.512 | 1579202  | 10.887 | 800              | ug/ml |