

## Report of Analysis

|                    |                              |                 |                      |
|--------------------|------------------------------|-----------------|----------------------|
| Client:            | Portal Partners Tri-Venture  | Date Collected: |                      |
| Project:           | Amtrak Sawtooth Bridges 2025 | Date Received:  |                      |
| Client Sample ID:  | PB166923BL                   | SDG No.:        | Q1422                |
| Lab Sample ID:     | PB166923BL                   | Matrix:         | Solid                |
| Analytical Method: | NJEPH                        | % Solid:        | 100                  |
| Sample Wt/Vol:     | 30.02      Units:    g       | Final Vol:      | 2000              uL |
| Soil Aliquot Vol:  | uL                           | Test:           | EPH                  |
| Prep Method :      |                              |                 |                      |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FD049130.D | 1         | 02/27/25    | 02/28/25        | PB166923      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aromatic C10-C12  | Aromatic C10-C12          | 0.30  | U         | 0.30     | 0.67       | mg/kg   |
| Aromatic C12-C16  | Aromatic C12-C16          | 0.34  | U         | 0.34     | 1.00       | mg/kg   |
| Aromatic C16-C21  | Aromatic C16-C21          | 0.96  | U         | 0.96     | 1.67       | mg/kg   |
| Aromatic C21-C36  | Aromatic C21-C36          | 2.00  | U         | 2.00     | 2.66       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 580-13-2          | 2-Bromonaphthalene (SURR) | 56.0  |           | 40 - 140 | 112%       | SPK: 50 |
| 321-60-8          | 2-Fluorobiphenyl (SURR)   | 57.8  |           | 40 - 140 | 116%       | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 49.7  |           | 40 - 140 | 99%        | SPK: 50 |

## Quantitation Report For Aromatic EPH Range.

|                   |            |                    |                   |
|-------------------|------------|--------------------|-------------------|
| Lab Sample ID:    | PB166923BL | Acq On:            | 28 Feb 2025 11:00 |
| Client Sample ID: | PB166923BL | Operator:          | YP/AJ             |
| Data file:        | FD049130.D | Misc:              |                   |
| Instrument:       | FID_D      | ALS Vial:          | 61                |
| Dilution Factor:  | 1          | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response | Conc  | highest_standard | Units |
|---------------------------|--------|--------|----------|-------|------------------|-------|
| Aromatic C10-C12          | 4.076  | 5.794  | 0        | 0     | 200              | ug/ml |
| Aromatic C12-C16          | 5.795  | 8.396  | 0        | 0     | 300              | ug/ml |
| Aromatic C16-C21          | 8.397  | 12.661 | 0        | 0     | 500              | ug/ml |
| Aromatic C21-C36          | 12.662 | 18.073 | 0        | 0     | 800              | ug/ml |
| Aromatic EPH              | 4.076  | 18.073 | 0        | 0     |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 11.236 | 11.236 | 8041222  | 49.71 |                  | ug/ml |
| 2-Bromonaphthalene (SURR) | 7.352  | 7.352  | 8010402  | 55.97 |                  | ug/ml |
| 2-Fluorobiphenyl (SURR)   | 8.201  | 8.201  | 5081253  | 57.8  |                  | ug/ml |