

## Report of Analysis

|                    |                              |                 |                      |
|--------------------|------------------------------|-----------------|----------------------|
| Client:            | Portal Partners Tri-Venture  | Date Collected: |                      |
| Project:           | Amtrak Sawtooth Bridges 2024 | Date Received:  |                      |
| Client Sample ID:  | PB164368BSD                  | SDG No.:        | P4460                |
| Lab Sample ID:     | PB164368BSD                  | 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 |
| FD048581.D | 1         | 10/23/24    | 10/24/24        | PB164368      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aromatic C10-C12  | Aromatic C10-C12          | 174   |           | 3.32     | 20.0       | ug/l    |
| Aromatic C12-C16  | Aromatic C12-C16          | 291   |           | 3.69     | 30.0       | ug/l    |
| Aromatic C16-C21  | Aromatic C16-C21          | 610   |           | 12.7     | 50.0       | ug/l    |
| Aromatic C21-C36  | Aromatic C21-C36          | 923   |           | 25.2     | 80.0       | ug/l    |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 580-13-2          | 2-Bromonaphthalene (SURR) | 61.4  |           | 40 - 140 | 123%       | SPK: 50 |
| 321-60-8          | 2-Fluorobiphenyl (SURR)   | 63.5  |           | 40 - 140 | 127%       | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 50.7  |           | 40 - 140 | 101%       | SPK: 50 |

## Quantitation Report For Aromatic EPH Range.

|                   |             |                    |                   |
|-------------------|-------------|--------------------|-------------------|
| Lab Sample ID:    | PB164368BSD | Acq On:            | 24 Oct 2024 12:48 |
| Client Sample ID: | PB164368BSD | Operator:          | YP/AJ             |
| Data file:        | FD048581.D  | Misc:              |                   |
| Instrument:       | FID_D       | ALS Vial:          | 63                |
| Dilution Factor:  | 1           | Sample Multiplier: | 1.00              |

| Compound                   | R.T.   |        | Response  | Conc    | highest_standard | Units |
|----------------------------|--------|--------|-----------|---------|------------------|-------|
| Aromatic C10-C12           | 4.095  | 5.813  | 15383608  | 87.306  | 200              | ug/ml |
| Aromatic C12-C16           | 5.814  | 8.419  | 25871704  | 145.942 | 300              | ug/ml |
| Aromatic C16-C21           | 8.420  | 12.681 | 50013601  | 305.273 | 500              | ug/ml |
| Aromatic C21-C36           | 12.682 | 18.087 | 70501256  | 461.658 | 800              | ug/ml |
| Aromatic EPH               | 4.095  | 18.087 | 161770169 | 1000    |                  | ug/ml |
| 2-Bromonaphthalene (SURRE) | 7.375  | 7.375  | 9324431   | 61.43   |                  | ug/ml |
| 2-Fluorobiphenyl (SURRE)   | 8.225  | 8.225  | 6235301   | 63.5    |                  | ug/ml |
| ortho-Terphenyl (SURRE)    | 11.262 | 11.262 | 8632281   | 50.68   |                  | ug/ml |