

## Report of Analysis

|                    |                              |                 |                      |
|--------------------|------------------------------|-----------------|----------------------|
| Client:            | Portal Partners Tri-Venture  | Date Collected: | 10/18/24             |
| Project:           | Amtrak Sawtooth Bridges 2024 | Date Received:  | 10/18/24             |
| Client Sample ID:  | WB-303-TOP                   | SDG No.:        | P4460                |
| Lab Sample ID:     | P4460-02                     | Matrix:         | Solid                |
| Analytical Method: | NJEPH                        | % Solid:        | 51.5                 |
| 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 |
| FD048552.D | 1         | 10/22/24    | 10/23/24        | PB164309      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aromatic C10-C12  | Aromatic C10-C12          | 0.58  | U         | 0.58     | 1.29       | mg/kg   |
| Aromatic C12-C16  | Aromatic C12-C16          | 7.15  |           | 0.66     | 1.94       | mg/kg   |
| Aromatic C16-C21  | Aromatic C16-C21          | 5.97  |           | 1.86     | 3.23       | mg/kg   |
| Aromatic C21-C36  | Aromatic C21-C36          | 7.27  |           | 3.88     | 5.17       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 580-13-2          | 2-Bromonaphthalene (SURR) | 54.3  |           | 40 - 140 | 109%       | SPK: 50 |
| 321-60-8          | 2-Fluorobiphenyl (SURR)   | 57.2  |           | 40 - 140 | 114%       | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 27.4  |           | 40 - 140 | 55%        | SPK: 50 |

## Quantitation Report For Aromatic EPH Range.

|                   |            |                    |                   |
|-------------------|------------|--------------------|-------------------|
| Lab Sample ID:    | P4460-02   | Acq On:            | 23 Oct 2024 03:41 |
| Client Sample ID: | WB-303-TOP | Operator:          | YP/AJ             |
| Data file:        | FD048552.D | Misc:              |                   |
| Instrument:       | FID_D      | ALS Vial:          | 65                |
| Dilution Factor:  | 1          | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response | Conc    | highest_standard | Units |
|---------------------------|--------|--------|----------|---------|------------------|-------|
| Aromatic C10-C12          | 4.096  | 5.814  | 658853   | 3.64    | 200              | ug/ml |
| Aromatic C12-C16          | 5.815  | 8.420  | 10501210 | 55.271  | 300              | ug/ml |
| Aromatic C16-C21          | 8.421  | 12.681 | 8242207  | 46.116  | 500              | ug/ml |
| Aromatic C21-C36          | 12.682 | 18.086 | 9295778  | 56.215  | 800              | ug/ml |
| Aromatic EPH              | 4.096  | 18.086 | 28698048 | 161.242 |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 11.259 | 11.259 | 5049250  | 27.44   |                  | ug/ml |
| 2-Bromonaphthalene (SURR) | 7.376  | 7.376  | 8986012  | 54.27   |                  | ug/ml |
| 2-Fluorobiphenyl (SURR)   | 8.225  | 8.225  | 5934948  | 57.23   |                  | ug/ml |