

## Report of Analysis

|                    |                              |                 |                      |
|--------------------|------------------------------|-----------------|----------------------|
| Client:            | Portal Partners Tri-Venture  | Date Collected: | 03/05/25             |
| Project:           | Amtrak Sawtooth Bridges 2025 | Date Received:  | 03/06/25             |
| Client Sample ID:  | ENV-105-SB01DL               | SDG No.:        | Q1514                |
| Lab Sample ID:     | Q1514-01DL                   | Matrix:         | Solid                |
| Analytical Method: | NJEPH                        | % Solid:        | 91.6                 |
| Sample Wt/Vol:     | 30.03      Units:    g       | Final Vol:      | 2000              uL |
| Soil Aliquot Vol:  | uL                           | Test:           | EPH                  |
| Prep Method :      |                              |                 |                      |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FF015649.D | 2         | 03/10/25    | 03/11/25        | PB167058      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aromatic C10-C12  | Aromatic C10-C12          | 0.37  | J         | 0.65     | 1.45       | mg/kg   |
| Aromatic C12-C16  | Aromatic C12-C16          | 0.86  | J         | 0.74     | 2.18       | mg/kg   |
| Aromatic C16-C21  | Aromatic C16-C21          | 9.48  |           | 2.09     | 3.64       | mg/kg   |
| Aromatic C21-C36  | Aromatic C21-C36          | 69.3  |           | 4.36     | 5.82       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 580-13-2          | 2-Bromonaphthalene (SURR) | 25.4  |           | 40 - 140 | 102%       | SPK: 50 |
| 321-60-8          | 2-Fluorobiphenyl (SURR)   | 22.5  |           | 40 - 140 | 90%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 15.1  |           | 40 - 140 | 60%        | SPK: 50 |

## Quantitation Report For Aromatic EPH Range.

|                   |            |                    |                   |
|-------------------|------------|--------------------|-------------------|
| Lab Sample ID:    | Q1514-01DL | Acq On:            | 11 Mar 2025 10:17 |
| Client Sample ID: | Q1514-01DL | Operator:          | YP\AJ             |
| Data file:        | FF015649.D | Misc:              |                   |
| Instrument:       | FID_F      | ALS Vial:          | 71                |
| Dilution Factor:  | 2          | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response | Conc    | highest_standard | Units |
|---------------------------|--------|--------|----------|---------|------------------|-------|
| Aromatic C10-C12          | 4.503  | 6.375  | 324903   | 2.531   | 200              | ug/ml |
| Aromatic C12-C16          | 6.376  | 9.068  | 804804   | 5.883   | 300              | ug/ml |
| Aromatic C16-C21          | 9.069  | 13.389 | 8670761  | 65.175  | 500              | ug/ml |
| Aromatic C21-C36          | 13.390 | 18.846 | 61959181 | 476.404 | 800              | ug/ml |
| Aromatic EPH              | 4.503  | 18.846 | 71759649 | 549.993 |                  | ug/ml |
| 2-Fluorobiphenyl (SURR)   | 8.873  | 8.873  | 1600875  | 22.47   |                  | ug/ml |
| 2-Bromonaphthalene (SURR) | 7.991  | 7.991  | 2959399  | 25.42   |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 11.929 | 11.929 | 2221251  | 15.1    |                  | ug/ml |