

## Report of Analysis

|                    |                              |                 |                      |
|--------------------|------------------------------|-----------------|----------------------|
| Client:            | Portal Partners Tri-Venture  | Date Collected: | 01/25/25             |
| Project:           | Amtrak Sawtooth Bridges 2025 | Date Received:  | 01/27/25             |
| Client Sample ID:  | B-113-SB02                   | SDG No.:        | Q1194                |
| Lab Sample ID:     | Q1194-04                     | Matrix:         | Solid                |
| Analytical Method: | NJEPH                        | % Solid:        | 64.7                 |
| 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 |
| FG015195.D | 1         | 01/28/25    | 01/28/25        | PB166218      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C12  | Aliphatic C9-C12          | 0.59  | U         | 0.59     | 1.54       | mg/kg   |
| Aliphatic C12-C16 | Aliphatic C12-C16         | 1.16  |           | 0.37     | 1.03       | mg/kg   |
| Aliphatic C16-C21 | Aliphatic C16-C21         | 3.92  |           | 0.46     | 1.54       | mg/kg   |
| Aliphatic C21-C28 | Aliphatic C21-C28         | 1.24  | U         | 1.24     | 2.06       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 2.78  | U         | 2.78     | 3.09       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 38.2  |           | 40 - 140 | 76%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 0.00  |           | 40 - 140 | 0%         | SPK: 50 |

## Quantitation Report For Aliphatic EPH Range.

|                   |            |                    |                   |
|-------------------|------------|--------------------|-------------------|
| Lab Sample ID:    | Q1194-04   | Acq On:            | 28 Jan 2025 21:34 |
| Client Sample ID: | B-113-SB02 | Operator:          | YP\AJ             |
| Data file:        | FG015195.D | Misc:              |                   |
| Instrument:       | FID_G      | ALS Vial:          | 26                |
| Dilution Factor:  | 1          | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response | Conc   | highest_standard | Units |
|---------------------------|--------|--------|----------|--------|------------------|-------|
| Aliphatic C9-C12          | 3.178  | 6.820  | 541334   | 4.074  | 300              | ug/ml |
| Aliphatic C12-C16         | 6.821  | 10.273 | 1587621  | 11.243 | 200              | ug/ml |
| Aliphatic C16-C21         | 10.274 | 13.656 | 5497421  | 38.04  | 300              | ug/ml |
| Aliphatic C21-C28         | 13.657 | 17.330 | 725670   | 5.308  | 400              | ug/ml |
| Aliphatic C28-C40         | 17.331 | 22.272 | 1458076  | 13.809 | 600              | ug/ml |
| Aliphatic EPH             | 3.178  | 22.272 | 9810122  | 72.473 |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 0.000  | 0.000  | 0        | 0      |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.385 | 13.385 | 4656324  | 38.24  |                  | ug/ml |
| Aliphatic C9-C28          | 3.178  | 17.330 | 8352046  | 58.665 | 1200             | ug/ml |