

## Report of Analysis

|                   |                              |                 |          |
|-------------------|------------------------------|-----------------|----------|
| Client:           | Portal Partners Tri-Venture  | Date Collected: | 03/04/25 |
| Project:          | Amtrak Sawtooth Bridges 2025 | Date Received:  | 03/04/25 |
| Client Sample ID: | ENV-102-GW01                 | SDG No.:        | Q1488    |
| Lab Sample ID:    | Q1488-13                     | Matrix:         | Water    |
| Level (low/med):  | low                          | % Solid:        | 0        |

| Cas       | Parameter | Conc.  | Qua.  | DF | MDL   | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|--------|-------|----|-------|------------|-------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum  | 391000 |       | 1  | 28.3  | 50.0       | ug/L  | 03/06/25 08:50 | 03/13/25 18:39 | SW6010   | SW3010    |
| 7440-36-0 | Antimony  | 2.06   | U     | 1  | 2.06  | 25.0       | ug/L  | 03/06/25 08:50 | 03/13/25 18:39 | SW6010   | SW3010    |
| 7440-38-2 | Arsenic   | 164    |       | 1  | 3.48  | 10.0       | ug/L  | 03/06/25 08:50 | 03/13/25 18:39 | SW6010   | SW3010    |
| 7440-39-3 | Barium    | 1720   |       | 1  | 6.28  | 50.0       | ug/L  | 03/06/25 08:50 | 03/13/25 18:39 | SW6010   | SW3010    |
| 7440-41-7 | Beryllium | 29.7   |       | 1  | 0.13  | 3.00       | ug/L  | 03/06/25 08:50 | 03/13/25 18:39 | SW6010   | SW3010    |
| 7440-43-9 | Cadmium   | 538    |       | 1  | 0.094 | 3.00       | ug/L  | 03/06/25 08:50 | 03/13/25 18:39 | SW6010   | SW3010    |
| 7440-70-2 | Calcium   | 73000  |       | 1  | 33.0  | 1000       | ug/L  | 03/06/25 08:50 | 03/13/25 18:39 | SW6010   | SW3010    |
| 7440-47-3 | Chromium  | 714    |       | 1  | 0.66  | 5.00       | ug/L  | 03/06/25 08:50 | 03/13/25 18:39 | SW6010   | SW3010    |
| 7440-48-4 | Cobalt    | 1460   |       | 1  | 0.50  | 15.0       | ug/L  | 03/06/25 08:50 | 03/13/25 18:39 | SW6010   | SW3010    |
| 7440-50-8 | Copper    | 5940   |       | 1  | 7.07  | 10.0       | ug/L  | 03/06/25 08:50 | 03/13/25 18:39 | SW6010   | SW3010    |
| 7439-89-6 | Iron      | 381000 |       | 1  | 18.5  | 50.0       | ug/L  | 03/06/25 08:50 | 03/13/25 18:39 | SW6010   | SW3010    |
| 7439-92-1 | Lead      | 10700  |       | 1  | 3.51  | 6.00       | ug/L  | 03/06/25 08:50 | 03/13/25 18:39 | SW6010   | SW3010    |
| 7439-95-4 | Magnesium | 110000 |       | 1  | 39.4  | 1000       | ug/L  | 03/06/25 08:50 | 03/13/25 18:39 | SW6010   | SW3010    |
| 7439-96-5 | Manganese | 14800  |       | 1  | 1.46  | 10.0       | ug/L  | 03/06/25 08:50 | 03/13/25 18:39 | SW6010   | SW3010    |
| 7439-97-6 | Mercury   | 22.1   | D     | 5  | 0.41  | 1.00       | ug/L  | 03/05/25 09:50 | 03/05/25 12:46 | SW7470A  |           |
| 7440-02-0 | Nickel    | 2940   |       | 1  | 0.85  | 20.0       | ug/L  | 03/06/25 08:50 | 03/13/25 18:39 | SW6010   | SW3010    |
| 7440-09-7 | Potassium | 53000  |       | 1  | 685   | 1000       | ug/L  | 03/06/25 08:50 | 03/13/25 18:39 | SW6010   | SW3010    |
| 7782-49-2 | Selenium  | 5.88   | U     | 1  | 5.88  | 10.0       | ug/L  | 03/06/25 08:50 | 03/13/25 18:39 | SW6010   | SW3010    |
| 7440-22-4 | Silver    | 5.80   | UDN10 |    | 5.80  | 50.0       | ug/L  | 03/06/25 08:50 | 03/13/25 18:04 | SW6010   | SW3010    |
| 7440-23-5 | Sodium    | 40500  |       | 1  | 237   | 1000       | ug/L  | 03/06/25 08:50 | 03/13/25 18:39 | SW6010   | SW3010    |
| 7440-28-0 | Thallium  | 2.32   | U     | 1  | 2.32  | 20.0       | ug/L  | 03/06/25 08:50 | 03/13/25 18:39 | SW6010   | SW3010    |
| 7440-62-2 | Vanadium  | 571    |       | 1  | 3.06  | 20.0       | ug/L  | 03/06/25 08:50 | 03/13/25 18:39 | SW6010   | SW3010    |
| 7440-66-6 | Zinc      | 4470   |       | 1  | 1.75  | 20.0       | ug/L  | 03/06/25 08:50 | 03/13/25 18:39 | SW6010   | SW3010    |

|               |            |                 |        |            |
|---------------|------------|-----------------|--------|------------|
| Color Before: | Brown      | Clarity Before: | Cloudy | Texture:   |
| Color After:  | Brown      | Clarity After:  | Cloudy | Artifacts: |
| Comments:     | METALS-TAL |                 |        |            |

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 D = Dilution  
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 \* = indicates the duplicate analysis is not within control limits.  
 E = Indicates the reported value is estimated because of the presence of interference.  
 OR = Over Range  
 N = Spiked sample recovery not within control limits