

## Report of Analysis

|                   |                              |                 |          |
|-------------------|------------------------------|-----------------|----------|
| Client:           | Portal Partners Tri-Venture  | Date Collected: | 04/06/25 |
| Project:          | Amtrak Sawtooth Bridges 2025 | Date Received:  | 04/07/25 |
| Client Sample ID: | B-149-GW01                   | SDG No.:        | Q1746    |
| Lab Sample ID:    | Q1746-06                     | 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  | 77300  | *    | 1  | 28.3  | 50.0       | ug/L  | 04/08/25 09:40 | 04/14/25 21:00 | SW6010   | SW3010    |
| 7440-36-0 | Antimony  | 2.06   | U    | 1  | 2.06  | 25.0       | ug/L  | 04/08/25 09:40 | 04/14/25 21:00 | SW6010   | SW3010    |
| 7440-38-2 | Arsenic   | 53.3   |      | 1  | 3.48  | 10.0       | ug/L  | 04/08/25 09:40 | 04/14/25 21:00 | SW6010   | SW3010    |
| 7440-39-3 | Barium    | 144    | N*   | 1  | 6.28  | 50.0       | ug/L  | 04/08/25 09:40 | 04/14/25 21:00 | SW6010   | SW3010    |
| 7440-41-7 | Beryllium | 4.92   |      | 1  | 0.13  | 3.00       | ug/L  | 04/08/25 09:40 | 04/14/25 21:00 | SW6010   | SW3010    |
| 7440-43-9 | Cadmium   | 0.094  | U    | 1  | 0.094 | 3.00       | ug/L  | 04/08/25 09:40 | 04/14/25 21:00 | SW6010   | SW3010    |
| 7440-70-2 | Calcium   | 37000  | *    | 1  | 33.0  | 1000       | ug/L  | 04/08/25 09:40 | 04/14/25 21:00 | SW6010   | SW3010    |
| 7440-47-3 | Chromium  | 204    | N    | 1  | 0.66  | 5.00       | ug/L  | 04/08/25 09:40 | 04/14/25 21:00 | SW6010   | SW3010    |
| 7440-48-4 | Cobalt    | 56.1   |      | 1  | 0.50  | 15.0       | ug/L  | 04/08/25 09:40 | 04/14/25 21:00 | SW6010   | SW3010    |
| 7440-50-8 | Copper    | 382    | N*   | 1  | 7.07  | 10.0       | ug/L  | 04/08/25 09:40 | 04/14/25 21:00 | SW6010   | SW3010    |
| 7439-89-6 | Iron      | 131000 | *    | 1  | 18.5  | 50.0       | ug/L  | 04/08/25 09:40 | 04/14/25 21:00 | SW6010   | SW3010    |
| 7439-92-1 | Lead      | 89.6   |      | 1  | 3.51  | 6.00       | ug/L  | 04/08/25 09:40 | 04/14/25 21:00 | SW6010   | SW3010    |
| 7439-95-4 | Magnesium | 38600  | *    | 1  | 39.4  | 1000       | ug/L  | 04/08/25 09:40 | 04/14/25 21:00 | SW6010   | SW3010    |
| 7439-96-5 | Manganese | 757    | *    | 1  | 1.46  | 10.0       | ug/L  | 04/08/25 09:40 | 04/14/25 21:00 | SW6010   | SW3010    |
| 7439-97-6 | Mercury   | 0.078  | JN   | 1  | 0.076 | 0.20       | ug/L  | 04/10/25 14:20 | 04/11/25 11:05 | SW7470A  |           |
| 7440-02-0 | Nickel    | 143    |      | 1  | 0.85  | 20.0       | ug/L  | 04/08/25 09:40 | 04/14/25 21:00 | SW6010   | SW3010    |
| 7440-09-7 | Potassium | 36400  | *    | 1  | 685   | 1000       | ug/L  | 04/08/25 09:40 | 04/14/25 21:00 | SW6010   | SW3010    |
| 7782-49-2 | Selenium  | 5.88   | U    | 1  | 5.88  | 10.0       | ug/L  | 04/08/25 09:40 | 04/14/25 21:00 | SW6010   | SW3010    |
| 7440-22-4 | Silver    | 0.58   | UN   | 1  | 0.58  | 5.00       | ug/L  | 04/08/25 09:40 | 04/14/25 21:00 | SW6010   | SW3010    |
| 7440-23-5 | Sodium    | 143000 | *    | 1  | 237   | 1000       | ug/L  | 04/08/25 09:40 | 04/14/25 21:00 | SW6010   | SW3010    |
| 7440-28-0 | Thallium  | 2.32   | U    | 1  | 2.32  | 20.0       | ug/L  | 04/08/25 09:40 | 04/14/25 21:00 | SW6010   | SW3010    |
| 7440-62-2 | Vanadium  | 198    | N*   | 1  | 3.06  | 20.0       | ug/L  | 04/08/25 09:40 | 04/14/25 21:00 | SW6010   | SW3010    |
| 7440-66-6 | Zinc      | 559    | *    | 1  | 1.75  | 20.0       | ug/L  | 04/08/25 09:40 | 04/14/25 21:00 | SW6010   | SW3010    |

|               |             |                 |       |            |
|---------------|-------------|-----------------|-------|------------|
| Color Before: | Black       | Clarity Before: | Clear | Texture:   |
| Color After:  | Light Brown | Clarity After:  | Clear | 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