

|                                |   |              |
|--------------------------------|---|--------------|
| LocationID                     |   | STL-369-W-01 |
| DateSampled                    |   | 6/17/2025    |
| Field Measurements             | Temperature, water (°C)                   | 21.9         |
|                                | pH (none)                                 | 7            |
|                                | Turbidity (NTU)                           | 0.35         |
|                                | Specific Conductance (uS/cm)              | 294          |
| Alkalinity and Hardness        | Alkalinity, Total (mg/L CaCO3)            | 120          |
|                                | Hardness, Ca, Mg (mg/L)                   | 137          |
| Suspended and Dissolved Solids | Total suspended solids (mg/L)             | <2.00        |
|                                | Total dissolved solids (mg/L)             | 184          |
| Dissolved Organic Carbon       | Dissolved Organic Carbon (mg/L)           | <1.00        |
| Nutrients                      | Ammonia (mg/L)                            | <0.030       |
|                                | Nitrate + Nitrite (mg/L)                  | 3.74         |
|                                | Total Kjeldahl Nitrogen (mg/L)            | 0.4          |
|                                | Total Nitrogen, mixed forms/Lachat (mg/L) | 4.14         |
|                                | Orthophosphate (mg/L)                     | <0.020       |
|                                | Total Phosphorus, mixed forms (mg/L)      | <0.02        |
| Anions                         | Bromide (mg/L)                            | <0.10        |
|                                | Chloride (mg/L)                           | 5.11         |
|                                | Fluoride (mg/L)                           | <0.10        |
|                                | Sulfate (mg/L)                            | 1.95         |
|                                | Dissolved Aluminum (mg/L)                 | <0.100       |
|                                | Total Recoverable Aluminum (mg/L)         | <0.100       |
|                                | Dissolved Antimony (ug/L)                 | <2.00        |
|                                | Total Recoverable Antimony (ug/L)         | <2.00        |
|                                | Dissolved Arsenic (ug/L)                  | <1.00        |
|                                | Total Recoverable Arsenic (ug/L)          | <1.00        |
|                                | Dissolved Barium (ug/L)                   | 38.2         |
|                                | Total Recoverable Barium (ug/L)           | 39.4         |
|                                | Dissolved Beryllium (ug/L)                | <1.00        |
|                                | Total Recoverable Beryllium (ug/L)        | <1.00        |
|                                | Dissolved Cadmium (ug/L)                  | <0.300       |
|                                | Total Recoverable Cadmium (ug/L)          | <0.300       |
|                                | Dissolved Calcium (mg/L)                  | 52.1         |
|                                | Total Recoverable Calcium (mg/L)          | 55.8         |
|                                | Dissolved Chromium (ug/L)                 | <1.00        |

|        |                                     |         |
|--------|-------------------------------------|---------|
| Metals | Total Recoverable Chromium (ug/L)   | <1.00   |
|        | Dissolved Cobalt (ug/L)             | <0.100  |
|        | Total Recoverable Cobalt (ug/L)     | <0.100  |
|        | Dissolved Copper (ug/L)             | 0.808   |
|        | Total Recoverable Copper (ug/L)     | 1.11    |
|        | Dissolved Iron (mg/L)               | <0.100  |
|        | Total Recoverable Iron (mg/L)       | <0.100  |
|        | Dissolved Lead (ug/L)               | <0.500  |
|        | Total Recoverable Lead (ug/L)       | <0.500  |
|        | Dissolved Magnesium (mg/L)          | 1.5     |
|        | Total Recoverable Magnesium (mg/L)  | 1.57    |
|        | Dissolved Manganese (mg/L)          | <0.0200 |
|        | Total Recoverable Manganese (mg/L)  | <0.0200 |
|        | Dissolved Nickel (ug/L)             | 0.597   |
|        | Total Recoverable Nickel (ug/L)     | 0.633   |
|        | Dissolved Phosphorus (mg/L)         | <1.00   |
|        | Total Recoverable Phosphorus (mg/L) | <1.00   |
|        | Dissolved Potassium (mg/L)          | <1.00   |
|        | Total Recoverable Potassium (mg/L)  | 1       |
|        | Dissolved Selenium (ug/L)           | <5.00   |
|        | Total Recoverable Selenium (ug/L)   | <5.00   |
|        | Dissolved Silver (ug/L)             | <0.100  |
|        | Total Recoverable Silver (ug/L)     | <0.100  |
|        | Dissolved Sodium (mg/L)             | 2.72    |
|        | Total Recoverable Sodium (mg/L)     | 2.99    |
|        | Dissolved Thallium (ug/L)           | <0.500  |
|        | Total Recoverable Thallium (ug/L)   | <0.500  |
|        | Dissolved Vanadium (ug/L)           | 0.282   |
|        | Total Recoverable Vanadium (ug/L)   | 0.271   |
|        | Dissolved Zinc (ug/L)               | 37.7    |
|        | Total Recoverable Zinc (ug/L)       | 40.8    |
|        |                                     |         |



