

## Monthly Mineral Analyses

Date of Sample: March 11, 2025

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| Parameter         | Choke Canyon | Lake CC  | Stevens Intake | Mary Rhodes Pipeline | Colorado River | Stevens Treated | Distribution System Equivalent |
|-------------------|--------------|----------|----------------|----------------------|----------------|-----------------|--------------------------------|
| Aluminum          | 0.83         | 0.85     | 0.31           | 1.10                 | 1.66           | 0.14            | 0.15                           |
| Sodium            | 120          | 130      | 65             | 36                   | 52             | 140             | 140                            |
| Iron              | 0.570        | 0.550    | 0.230          | 0.730                | 1.250          | <0.006          | 0.031                          |
| Manganese         | 0.017        | 0.038    | 0.250          | 0.028                | 0.049          | 0.001           | 0.002                          |
| Copper            | 0.0024       | 0.0018   | 0.0017         | 0.0021               | 0.0046         | 0.0018          | 0.0019                         |
| Lead              | 0.00050      | 0.00076  | <0.00037       | 0.00060              | <0.00272       | <0.00037        | <0.00037                       |
| Bromide           | 1.00         | 0.79     | 0.30           | 0.16                 | <0.68          | 0.45            | 0.42                           |
| Conductivity      | 1269         | 1312     | 779            | 575                  | 762            | 1261            | 1289                           |
| Total Alkalinity  | 166.43       | 208.04   | 143.22         | 134.76               | 210.00         | 154.63          | 154.01                         |
| Calcium           | 81.08        | 100.90   | 133.33         | 54.05                | 74.50          | 106.31          | 91.89                          |
| Chloride          | 495.04       | 476.27   | 80.67          | 44.02                | 73.50          | 161.65          | 163.47                         |
| Fluoride          | 0.23         | 0.17     | 0.32           | 0.37                 | 0.43           | 0.40            | 0.43                           |
| Total Hardness    | 234.0        | 310.6    | 208.5          | 174.5                | 274.0          | 263.8           | 255.3                          |
| pH                | 8.59         | 8.56     | 8.06           | 8.05                 | 8.36           | 8.25            | 8.08                           |
| Silica, Dissolved | 34           | 30       | 12             | 12                   | 2              | 14              | 14                             |
| Sulfate           | 198.5        | 194.8    | 46.8           | 34.1                 | 61.9           | 116.2           | 115.7                          |
| Turbidity         | 35.0         | 27.0     | 13.0           | 28.0                 | 33.0           | 0.1             | 0.2                            |
| Dissolved Solids  | 700          | 730      | 428            | 338                  | 442            | 688             | 702                            |
| Suspended Solids  | 35.5         | 19.0     | 13.8           | 24.5                 | 35.1           | <2.5            | <2.6                           |
| Nitrate           | <0.01        | <0.01    | 1.54           | 1.47                 | 2.44           | 0.88            | 0.88                           |
| Nitrite           | <0.0025      | <0.0025  | <0.0025        | <0.0025              | <0.0794        | <0.0025         | <0.0025                        |
| Ortho-Phosphate   | <0.009       | 0.290    | 0.330          | 0.290                | 0.500          | <0.009          | <0.009                         |
| Atrazine          | <0.21        | <0.21    | <0.21          | <0.21                | <0.26          |                 |                                |
| Total Arsenic     | 11.0         | 9.2      | 4.1            | 2.6                  | 4.8            |                 |                                |
| Dissolved Arsenic | 13           | 11       | 4.2            | 3.2                  | 11.1           |                 |                                |
| Barium            | 0.19         | 0.13     | 0.10           | 0.10                 | 0.13           |                 |                                |
| Cadmium           | <0.00026     | <0.00026 | <0.00026       | <0.00026             | <0.00049       |                 |                                |
| Mercury           | <0.00005     | <0.00005 | <0.00005       | <0.00005             | <0.00013       |                 |                                |

Results expressed in mg/L, except as follows: Conductivity—umhos/cm, pH— SU, Turbidity – NTU, Total Hardness/Total Alkalinity – mg/L as CaCO<sub>3</sub>, and Atrazine, Total Arsenic, Dissolved Arsenic – µg/L. LE-Lab Error

Reviewed by:  Title: Quality Assurance Officer Date: 04/24/2025