




Monthly Mineral Analyses

Date of Sample: April 9, 2019

| Parameter | Choke Canyon | Lake CC | Stevens Intake | Mary Rhodes Pipeline |
|--------------------|--------------|----------|----------------|----------------------|
| Aluminum | 0.081 | 0.306 | 0.784 | 4.41 |
| Sodium | 61.1 | 20.4 | 82.8 | 8.59 |
| Iron | 0.05 | 0.18 | 0.52 | 2.79 |
| Manganese | 0.008 | 0.006 | 0.037 | 0.032 |
| Copper | < 0.002 | < 0.002 | 0.002 | 0.003 |
| Lead | < 0.002 | < 0.002 | < 0.002 | 0.002 |
| Bromide | 0.46 | 0.13 | 0.53 | 0.03 |
| Conductivity | 774 | 521 | 1009 | 180 |
| Total Alkalinity | 171 | 187 | 196 | 61 |
| Calcium | 83 | 78 | 90 | 22 |
| Chloride | 89.4 | 28.9 | 145 | 12.4 |
| Fluoride | 0.16 | 0.11 | 0.13 | 0.09 |
| Total Hardness | 196 | 196 | 260 | 64 |
| pH | 8.50 | 8.72 | 8.10 | 7.59 |
| Silica, Dissolved* | 20.5 | 15.1 | 18.3 | 21.4 |
| Sulfate | 51.3 | 21.0 | 50.0 | 4.90 |
| Turbidity | 4.7 | 9.2 | 16 | 90 |
| Dissolved Solids | 437 | 298 | 554 | 208 |
| Suspended Solids | 5 | 10 | 9 | 6 |
| Nitrate | 0.11 | 0.12 | 0.27 | 0.37 |
| Nitrite | < 0.02 | < 0.02 | < 0.02 | < 0.02 |
| Total Phosphorous | 0.03 | 0.04 | 0.09 | 0.11 |
| Atrazine | < 0.05 | < 0.05 | < 0.05 | 0.095 |
| Total Arsenic | 5.36 | 3.17 | 5.23 | 2.08 |
| Dissolved Arsenic | 5.37 | 2.78 | 3.55 | < 2 |
| Barium | 0.085 | 0.103 | 0.119 | 0.076 |
| Cadmium | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| Mercury | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 |

Results expressed in mg/L, except as follows: Conductivity – umhos/cm, pH – SU, Turbidity – NTU, and Atrazine, Total Arsenic, Dissolved Arsenic – µg/L, Total Hardness/Total Alkalinity – mg/L as CaCO₃

Reviewed by:  Title: Technical Manager Date: 29 Apr 2019

Approved by:  Title: Laboratory Manager Date: 4/29/19

UTILITIES

Maintenance
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Date of Sample April 9, 2019

| Parameter | Stevens Treated (Plant #1) | Stevens Treated (Plant #2) | Distribution System Equivalent |
|--------------------|-------------------------------|-------------------------------|-----------------------------------|
| Aluminum | 0.327 | 0.264 | 0.275 |
| Sodium | 76.9 | 75.6 | 66.4 |
| Iron | 0.05 | < 0.02 | < 0.02 |
| Manganese | < 0.002 | < 0.002 | < 0.002 |
| Copper | < 0.002 | < 0.002 | < 0.002 |
| Lead | < 0.002 | < 0.02 | < 0.002 |
| Bromide | 0.24 | 0.26 | 0.19 |
| Conductivity | 809 | 792 | 696 |
| Total Alkalinity | 125 | 119 | 122 |
| Calcium | 61 | 53 | 51 |
| Chloride | 108 | 110 | 92.1 |
| Fluoride | 0.61 | 0.47 | 0.55 |
| Total Hardness | 172 | 168 | 156 |
| pH | 7.89 | 7.97 | 7.94 |
| Silica, Dissolved* | 12.8 | 12.2 | 13.0 |
| Sulfate | 69.7 | 72.1 | 67.8 |
| Turbidity | 0.05 | 0.05 | 0.05 |
| Dissolved Solids | 424 | 425 | 378 |
| Suspended Solids | < 2 | < 2 | < 2 |
| Nitrate | 0.55 | 0.39 | 0.35 |
| Nitrite | 0.03 | 0.03 | 0.02 |
| Total Phosphorous | < 0.03 | < 0.03 | < 0.03 |

Results expressed in mg/L, except as follows: Conductivity – umhos/cm, pH – SU, and Turbidity – NTU.

Reviewed by: [Signature] Title: Technical Manager Date: 29 Apr. 2019
 Approved by: [Signature] Title: Laboratory Manager Date: 4/29/19