



Monthly Mineral Analyses

Date of Sample: April 19, 2022

UTILITIES

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| Parameter | Choke Canyon | Lake CC | Stevens Intake | Mary Rhodes Pipeline | Colorado River | Stevens Treated | Distribution System Equivalent |
|-------------------|--------------|---------|----------------|----------------------|----------------|-----------------|--------------------------------|
| Aluminum | 0.07 | 0.76 | 0.65 | 2.6 | 1.4 | 0.19 | 0.17 |
| Sodium | 82 | 63 | 117 | 11 | 50 | 97 | 176 |
| Iron | 0.04 | 0.47 | 0.40 | 1.7 | 1.2 | 0.03 | 0.06 |
| Manganese | 0.009 | 0.007 | 0.017 | 0.014 | 0.28 | 0.003 | 0.019 |
| Copper | <0.004 | <0.004 | <0.004 | <0.004 | <0.004 | <0.004 | <0.004 |
| Lead | <0.001 | <0.001 | <0.001 | 0.001 | 0.003 | <0.001 | <0.001 |
| Bromide | 0.54 | 0.42 | 0.73 | 0.06 | 0.75 | 0.41 | 0.40 |
| Conductivity | 747 | 720 | 1081 | 190 | 653 | 876 | 852 |
| Total Alkalinity | 190 | 208 | 220 | 79 | 170 | 163 | 161 |
| Calcium | 58 | 77 | 91 | 24 | 53 | 64 | 67 |
| Chloride | 134 | 117 | 247 | 23 | 64 | 177 | 170 |
| Fluoride | 0.22 | 0.19 | 0.20 | 0.17 | 0.52 | 0.31 | 0.32 |
| Total Hardness | 176 | 216 | 280 | 76 | 205 | 192 | 200 |
| pH | 8.38 | 8.50 | 8.27 | 7.86 | 7.76 | 8.18 | 8.14 |
| Silica, Dissolved | 19.3 | 28.1 | 28.2 | 18.9 | 1.87 | 16.9 | 16.7 |
| Sulfate | 69 | 66 | 96 | 9.2 | 56 | 105 | 104 |
| Turbidity | 6.3 | 23 | 21 | 72 | 34 | 0.3 | 0.2 |
| Dissolved Solids | 488 | 512 | 852 | 212 | 391 | 576 | 538 |
| Suspended Solids | 7 | 23 | 8 | 18 | 56 | <2 | <2 |
| Nitrate | <0.025 | <0.025 | 0.20 | 0.63 | <0.2 | 0.35 | 0.37 |
| Nitrite | <0.025 | <0.025 | <0.025 | <0.025 | <0.09 | <0.025 | <0.025 |
| Ortho-Phosphate | 0.05 | 0.20 | 0.19 | 0.13 | 0.10 | <0.025 | <0.025 |
| Atrazine | <2.5 | <2.5 | <2.5 | <2.5 | 0.37 | | |
| Total Arsenic | 6.4 | 5.7 | 7.0 | 2.1 | <4.2 | | |
| Dissolved Arsenic | 6.5 | 6.0 | 7.1 | 2.2 | <6.4 | | |
| Barium | 0.09 | 0.13 | 0.14 | 0.08 | 0.13 | | |
| Cadmium | <0.002 | <0.002 | <0.002 | <0.002 | 0.0006 | | |
| Mercury | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.00004 | | |

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

Reviewed by: W B Juares Title: Laboratory Manager Date: 5/5/2022