

# Water Quality Monitoring Report

## 2008 Monitoring Schedule



Monthly Report for: Jul-08

| Analyte Group  | Sample Locations                          | Monitoring Requirements<br>(# of Samples) |                            | Monitoring Activity<br>(# of samples) |                      | Violations &<br>Public Notices |
|--|---|---|----------------------------|---------------------------------------|----------------------|--------------------------------|
|  |   | Monitoring<br>Period                      | 2008 Annual<br>Requirement | Current Month                         | Year to Date<br>2008 | Year to Date                   |
| <b>Daily/Routine Samples</b>   |   |   |                            |                                       |                      |                                |
| Coliform Bacteria  | Operating Wells and<br>Distribution Sites | 120                                       | 1500                       | 395                                   | 2323                 | 0                              |
| Free Chlorine Residual<br>"Grab" Samples                                 | Operating Wells and<br>Distribution Sites | 160 <sup>1</sup>                          | 1900 <sup>1</sup>          | 682                                   | 4035                 | 0                              |
| Fluoride   | Operating Wells                           | 450 <sup>1</sup>                          | 5400 <sup>1</sup>          | 454                                   | 2636                 | 0                              |
| <b>Quarterly Samples</b>   |   |   |                            |                                       |                      |                                |
| Volatile Organic Compounds<br>(41 analytes)                              | Wells                                     | 4 <sup>1</sup>                            | 16 <sup>1</sup>            | 1                                     | 9                    | 0                              |
| Coliform Bacteria<br>(Raw Water)   | Wells                                     | 21 <sup>1</sup>                           | 84 <sup>1</sup>            | 2                                     | 42                   | 0                              |
| <b>Annual Samples</b>  |   |   |                            |                                       |                      |                                |
| Inorganic Contaminants <sup>2</sup><br>(28 analytes)                     | Wells                                     | 21  | 21                         | 20                                    | 20                   | 0                              |
| Volatile Organic Compounds <sup>2</sup><br>(41 analytes)                 | Wells                                     | 17  | 17                         | 3                                     | 4                    | 0                              |
| Disinfection Byproducts -<br>Total Trihalomethanes<br>& Haloacetic Acids | Distribution Sites                        | 7   | 7                          | 0                                     | 0                    | 0                              |
| <b>Specialty Samples</b>   |   |   |                            |                                       |                      |                                |
| Synthetic Organic Compounds<br>(2 analytes)                              | Wells                                     | 1   | 1                          | 0                                     | 0                    | 0                              |
| Radionuclides<br>(4 analytes)  | Wells                                     | 21  | 21                         | 20                                    | 20                   | 0                              |
| Unregulated Contaminants<br>(UCMR2 - 25 analytes)                        | Wells                                     | 22  | 22                         | 0                                     | 0                    | 0                              |
|  | Distribution Sites                        | 7   | 7                          | 0                                     | 0                    | 0                              |
| Iron & Manganese   | Wells                                     | na  | na                         | 0                                     | 69                   | na                             |
|  | Residential Taps                          | na  | na                         | 0                                     | 1                    | na                             |

(1) Sampling requirement will vary depending on the number of wells in operation during specific days or quarters

(2) Sampling is usually completed June to September in each calendar year, with results reported in the month following sampling.

Calls Logged to the Water Quality Correspondence Database - 2008  
Update: 7/7/08

| Year | Month     | All Calls | Color | Manganese | Pressure | Taste | Odor | No Water | Other |
|------|-----------|-----------|-------|-----------|----------|-------|------|----------|-------|
| 2008 | January   | 69        | 41    | 1         | 1        | 7     | 5    | 1        | 17    |
| 2008 | February  | 41        | 18    | 4         | 2        | 1     | 1    | 0        | 19    |
| 2008 | March     | 84        | 54    | 2         | 7        | 4     | 5    | 0        | 18    |
| 2008 | April     | 131       | 78    | 4         | 5        | 6     | 6    | 6        | 35    |
| 2008 | May       | 126       | 68    | 3         | 5        | 7     | 10   | 10       | 40    |
| 2008 | June      | 119       | 66    | 3         | 20       | 2     | 4    | 3        | 29    |
| 2008 | July      |           |       |           |          |       |      |          |       |
| 2008 | August    |           |       |           |          |       |      |          |       |
| 2008 | September |           |       |           |          |       |      |          |       |
| 2008 | October   |           |       |           |          |       |      |          |       |
| 2008 | November  |           |       |           |          |       |      |          |       |
| 2008 | December  |           |       |           |          |       |      |          |       |
| 2008 | TOTAL     | 570       | 325   | 17        | 40       | 27    | 31   | 20       | 158   |

| Year | Month | All Calls | Color | Manganese | Pressure | Taste | Odor | No Water | Other | Alder District |
|------|-------|-----------|-------|-----------|----------|-------|------|----------|-------|----------------|
| 2008 | June  | 16        | 0     | 1         | 12       | 0     | 0    | 1        | 3     | 01             |
| 2008 | June  | 3         | 2     | 0         | 0        | 0     | 0    | 1        | 0     | 02             |
| 2008 | June  | 5         | 3     | 1         | 0        | 0     | 1    | 0        | 2     | 03             |
| 2008 | June  | 4         | 1     | 0         | 1        | 1     | 1    | 0        | 1     | 04             |
| 2008 | June  | 2         | 1     | 0         | 0        | 0     | 0    | 0        | 1     | 05             |
| 2008 | June  | 17        | 10    | 0         | 0        | 1     | 1    | 1        | 5     | 06             |
| 2008 | June  | 1         | 0     | 0         | 1        | 0     | 0    | 0        | 0     | 08             |
| 2008 | June  | 5         | 3     | 0         | 0        | 0     | 0    | 0        | 2     | 09             |
| 2008 | June  | 35        | 32    | 0         | 3        | 0     | 0    | 0        | 1     | 10             |
| 2008 | June  | 7         | 5     | 1         | 0        | 0     | 0    | 0        | 2     | 13             |
| 2008 | June  | 1         | 0     | 0         | 0        | 0     | 0    | 0        | 1     | 14             |
| 2008 | June  | 6         | 4     | 0         | 1        | 0     | 1    | 0        | 0     | 15             |
| 2008 | June  | 1         | 0     | 0         | 0        | 0     | 0    | 0        | 1     | 16             |
| 2008 | June  | 6         | 3     | 0         | 2        | 0     | 0    | 0        | 2     | 17             |
| 2008 | June  | 2         | 1     | 0         | 0        | 0     | 0    | 0        | 1     | 18             |
| 2008 | June  | 2         | 0     | 0         | 0        | 0     | 0    | 0        | 2     | 19             |
| 2008 | June  | 2         | 1     | 0         | 0        | 0     | 0    | 0        | 1     | 20             |
| 2008 | June  | 4         | 0     | 0         | 0        | 0     | 0    | 0        | 4     | none           |

| Year | Month | All Calls | Color | Manganese | Pressure | Taste | Odor | No Water | Other | Alder District |
|------|-------|-----------|-------|-----------|----------|-------|------|----------|-------|----------------|
| 2008 | May   | 7         | 0     | 1         | 0        | 0     | 0    | 0        | 7     | none           |
| 2008 | May   | 1         | 0     | 0         | 0        | 0     | 0    | 0        | 1     | unknown        |
| 2008 | May   | 2         | 1     | 0         | 0        | 0     | 0    | 0        | 1     | 01             |
| 2008 | May   | 8         | 5     | 0         | 1        | 0     | 1    | 5        | 0     | 02             |
| 2008 | May   | 6         | 1     | 0         | 0        | 1     | 3    | 0        | 2     | 03             |
| 2008 | May   | 1         | 0     | 0         | 0        | 0     | 0    | 1        | 0     | 04             |
| 2008 | May   | 1         | 1     | 0         | 0        | 0     | 0    | 0        | 0     | 05             |
| 2008 | May   | 25        | 21    | 0         | 1        | 0     | 0    | 0        | 4     | 06             |
| 2008 | May   | 2         | 1     | 0         | 0        | 0     | 0    | 1        | 1     | 08             |
| 2008 | May   | 14        | 12    | 0         | 0        | 0     | 0    | 1        | 1     | 09             |
| 2008 | May   | 9         | 6     | 0         | 1        | 0     | 0    | 0        | 2     | 10             |
| 2008 | May   | 3         | 0     | 0         | 1        | 0     | 0    | 0        | 2     | 11             |
| 2008 | May   | 17        | 10    | 0         | 0        | 4     | 4    | 0        | 3     | 12             |
| 2008 | May   | 5         | 1     | 0         | 0        | 0     | 0    | 2        | 2     | 13             |
| 2008 | May   | 4         | 3     | 0         | 0        | 0     | 0    | 0        | 1     | 14             |
| 2008 | May   | 3         | 1     | 0         | 0        | 1     | 1    | 0        | 2     | 15             |
| 2008 | May   | 7         | 3     | 1         | 0        | 0     | 0    | 0        | 4     | 16             |
| 2008 | May   | 6         | 0     | 1         | 0        | 1     | 1    | 0        | 5     | 17             |
| 2008 | May   | 4         | 1     | 0         | 1        | 0     | 0    | 0        | 2     | 19             |
| 2008 | May   | 1         | 1     | 0         | 0        | 0     | 0    | 0        | 0     | 20             |