

Item 2-2

Water Quality Monitoring Report

2007 Monitoring Schedule



Monthly Report for: Sep-07

| Analyte Group | Sample Locations | Monitoring Requirements (# of Samples) | | Monitoring Activity (# of samples) | | Violations & Public Notices |
|--|---|---|----------------------------|---------------------------------------|----------------------|--------------------------------|
| | | Monthly | 2007 Annual Requirement | Current Month | Year to Date 2007 | Year to Date |
| Coliform Bacteria | Operating Wells and Distribution Sites | 120 | 1500 | 440 | 2997 | 0 |
| Free Chlorine Residual "Grab" Samples | Operating Wells and Distribution Sites | 160 (1) | 1900 (1) | 745 | 5538 | 0 |
| Fluoride | Operating Wells | 450 (1) | 5400 (1) | 512 | 3770 | 0 |
| Inorganic Contaminants (28 analytes) (2) | Wells | na | 23 | 2 | 23 | 0 |
| Disinfection/Disinfection Byproducts Total Trihalomethanes (TTHMs) Haloacetic Acids (HAA5s) | Distribution System Entry Points | na | 7 | 7 | 7 | 0 |
| <u>Annual</u> Volatile Organic Compounds (VOC) (41 analytes) (2) | Wells | na | 6 | 4 | 18 | 0 |
| <u>Quarterly</u> Volatile Organic Compounds (VOC) (41 analytes) | Wells | Per Quarter 6 (1) | 24 | 6 | 15 | 0 |
| Manganese Tap Samples | Citywide | na | na | 0 | 30 | 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.

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Calls logged to the Water Quality Correspondence Database - 2007
Update: 9/10/07

| Month | All Calls | Color | Manganese | Pressure | Taste | Odor | No Water | Other |
|----------|-----------|-------|-----------|----------|-------|------|----------|-------|
| January | 47 | 12 | 4 | 3 | 2 | 3 | 1 | 27 |
| February | 58 | 21 | 3 | 5 | 1 | 4 | 6 | 22 |
| March | 59 | 14 | 4 | 6 | 3 | 4 | 9 | 27 |
| April | 70 | 14 | 2 | 4 | 7 | 5 | 1 | 42 |
| May | 79 | 32 | 1 | 2 | 3 | 12 | 4 | 29 |
| June | 109 | 73 | 0 | 3 | 9 | 9 | 2 | 20 |
| July | 75 | 25 | 0 | 7 | 8 | 11 | 5 | 23 |
| August | 99 | 46 | 0 | 13 | 8 | 13 | 13 | 14 |

| Month | All Calls | Color | Manganese | Pressure | Taste | Odor | No Water | Other | Alder District |
|-------|-----------|-------|-----------|----------|-------|------|----------|-------|----------------|
| 8 | 6 | 1 | 0 | 2 | 0 | 0 | 2 | 1 | None |
| 8 | 3 | 2 | 0 | 0 | 0 | 0 | 1 | 1 | 01 |
| 8 | 5 | 3 | 0 | 0 | 0 | 0 | 1 | 1 | 02 |
| 8 | 6 | 3 | 0 | 1 | 1 | 1 | 0 | 2 | 03 |
| 8 | 13 | 9 | 0 | 0 | 2 | 1 | 0 | 3 | 06 |
| 8 | 23 | 7 | 0 | 8 | 0 | 1 | 6 | 1 | 09 |
| 8 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 8 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| 8 | 10 | 4 | 0 | 0 | 1 | 4 | 0 | 2 | 12 |
| 8 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| 8 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| 8 | 5 | 1 | 0 | 1 | 0 | 3 | 0 | 0 | 15 |
| 8 | 3 | 1 | 0 | 0 | 1 | 2 | 0 | 0 | 16 |
| 8 | 8 | 2 | 0 | 0 | 1 | 0 | 3 | 2 | 17 |
| 8 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 18 |
| 8 | 7 | 4 | 0 | 1 | 2 | 0 | 0 | 1 | 19 |

| Month | All Calls | Color | Manganese | Pressure | Taste | Odor | No Water | Other | Alder District |
|-------|-----------|-------|-----------|----------|-------|------|----------|-------|----------------|
| 7 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 4 | None |
| 7 | 3 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 01 |
| 7 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 02 |
| 7 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 03 |
| 7 | 2 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 04 |
| 7 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 05 |
| 7 | 17 | 10 | 0 | 0 | 2 | 6 | 0 | 2 | 06 |
| 7 | 2 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 09 |
| 7 | 9 | 4 | 0 | 0 | 1 | 1 | 0 | 3 | 10 |
| 7 | 4 | 1 | 0 | 0 | 2 | 0 | 0 | 1 | 11 |
| 7 | 4 | 1 | 0 | 0 | 1 | 1 | 0 | 2 | 12 |
| 7 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 13 |
| 7 | 2 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 14 |
| 7 | 3 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 16 |
| 7 | 7 | 1 | 0 | 1 | 0 | 0 | 4 | 1 | 17 |
| 7 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| 7 | 5 | 0 | 0 | 4 | 0 | 0 | 0 | 1 | 19 |
| 7 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 20 |