

WATER TREATMENT PLANT LOG WEEK ENDING 10-01-03

|                         | SATURDAY                     | SUNDAY | MONDAY         | TUESDAY        | WEDNESDAY      | THURSDAY                                              | FRIDAY         | TOTAL |
|-------------------------|------------------------------|--------|----------------|----------------|----------------|-------------------------------------------------------|----------------|-------|
| TIME AM PM              | 11 AM                        | 12 PM  | 10 30 AM 4 PM  | 10 AM 4 PM     | 10 AM 4 PM     | 9 AM                                                  | 10 AM 4 PM     |       |
| PH                      | 6.0                          | 6.0    | 6.0            | 6.0            | 6.0            | 6.6                                                   | 6.5            | 6.1   |
| TEMPERATURE             | 10°C                         | 10°C   | 10°C           | 10°C           | 10°C           | 10°C                                                  | 10°C           | 10°C  |
| CHLORINE (TOTAL)        | 2.1                          | .69    | .67            | .66            | .64            | .67                                                   | .61            | .47   |
| CHLORINE (FREE)         | .54                          | .53    | .52            | .49            | .49            | .52                                                   | .46            | .46   |
| FLUORIDE                | .99                          | .85    | .88            | .98            | .92            | 1.04                                                  | 1.01           | .95   |
| TURBIDITY               | .38                          | .37    | .36            | .37            | .37            | .37                                                   | .36            | .36   |
| LIME FEED RATE          | 530                          | 530    | 535            | 535            | 545            | 550                                                   | 540            |       |
| CHLORINE FLOW RATE      | 6.3                          | 6.3    | 6.3            | 6.3            | 6.3            | 6.3                                                   | 6.3            |       |
| FLUOR. STROKE/FREQ.     | 10/12                        | 10/12  | 10/12          | 10/12          | 10/12          | 10/12                                                 | 10/12          |       |
| POT. WATER TEMP.        | 6.9°C                        | 6.2°C  | 6.2°C          | 6.2°C          | 6.2°C          | 6.2°C                                                 | 6.2°C          |       |
| RESERVOIR LEVEL (1)     | 4.00                         | 4.06   | 4.00           | 3.86           | 3.95           | 3.80                                                  | 3.99           | 4.13  |
| RESERVOIR LEVEL (2)     | 2.39                         | 2.45   | 2.33           | 2.19           | 2.21           | 2.15                                                  | 2.33           | 2.31  |
| CHLORINE CYL. WEIGHT    | 121                          | 114    | 107            | 100            | 94             | 240                                                   | 233            |       |
| LIME BAG ADDED          | 1                            | 1      | 1              | 1              | 1              |                                                       | 1              | 5.50  |
| FLUORIDE DRUM CHANGE    |                              |        |                |                |                |                                                       |                |       |
| WATER METER CURR. Ltrs. | 216                          | 217    | 218            | 219            | 219            | 220                                                   | 220            |       |
| WATER METER PREV. Ltrs. | 215                          | 216    | 217            | 218            | 219            | 219                                                   | 220            |       |
| CONSUMPTION             | 837                          | 754    | 771            | 723            | 749            | 606                                                   | 608            | 5048  |
| INITIALS                | BB                           | BB     | BB BB          | BB BB          | BB BB          | BB                                                    | BB BB          |       |
| NOTES                   | BB #1<br>Lime Feeder<br>Flux | BB #2  | BB #1<br>BB #2 | BB #1<br>BB #2 | BB #1<br>BB #2 | BB #1<br>Steril<br>Need Chlorine<br>Bottle<br>240 LBS | BB #1<br>BB #2 |       |

WATER TREATMENT PLANT LOG WEEK ENDING Jan 17 03

|                         | SATURDAY |    | SUNDAY |     | MONDAY |       | TUESDAY |       | WEDNESDAY |       | THURSDAY |       | FRIDAY |       | TOTAL    |
|-------------------------|----------|----|--------|-----|--------|-------|---------|-------|-----------|-------|----------|-------|--------|-------|----------|
| TIME                    | AM       | PM | 2 PM   |     | 9 AM   | 4 PM  | 9 AM    | 4 PM  | 9 AM      | 4 PM  | 9 AM     | 4 PM  | 9 AM   | 4 PM  |          |
| PH                      |          |    | 6.2    |     | 6.5    | 6.3   | 6.75    | 6.39  | 7.1       | 6.56  | 6.5      | 6.9   | 6.7    | 6.7   | 6.59     |
| TEMPERATURE             |          |    | 10°    |     | 10°    | 10°   | 10°     | 10°   | 10°       | 10°   | 10°      | 10°   | 10°    | 10°   | 10°      |
| CHLORINE (TOTAL)        |          |    | .55    |     | .58    | .63   | .62     | .59   | .62       | .59   | .58      | .58   | .62    | .61   | .59      |
| CHLORINE (FREE)         |          |    | .41    |     | .48    | .48   | .46     | .47   | .49       | .47   | .43      | .50   | .48    | .46   | .46      |
| FLUORIDE                |          |    | 1.03   |     | .93    | .88   | 1.03    | 1.05  | 1.01      | 1.03  | 1.06     | 1.13  | 1.09   | .93   | 1.01     |
| TURBIDITY               |          |    | .36    |     | .36    | .36   | .36     | .36   | .37       | .36   | .37      | .37   | .38    | .38   | .36      |
| LIME FEED RATE          |          |    | .550   |     | .550   | .550  | .550    | .550  | .555      | .555  | .555     | .555  | .555   | .555  |          |
| CHLORINE FLOW RATE      |          |    | .6.3   |     | .6.3   | .6.3  | .6.3    | .6.3  | .6.3      | .6.3  | .6.3     | .6.3  | .6.3   | .6.3  |          |
| FLUOR. STROKE/FREQ.     |          |    | 10/12  |     | 10/12  | 10/12 | 10/12   | 10/12 | 10/12     | 10/12 | 10/12    | 10/12 | 10/12  | 10/12 |          |
| POT. WATER TEMP.        |          |    | 6.3°   |     | 6.3°   | 6.3   | 6.2°    | 6.2°  | 6.3°      | 6.3°  | 6.3°     | 6.3°  | 6.4°   | 6.5°  |          |
| RESERVOIR LEVEL (1)     |          |    | 3.99   |     | 4.10   | 3.80  | 4.05    | 3.71  | 4.02      | 3.77  | 4.05     | 3.84  | 4.07   | 3.93  |          |
| RESERVOIR LEVEL (2)     |          |    | 2.37   |     | 2.5    | 2.10  | 2.43    | 2.03  | 2.43      | 2.04  | 2.41     | 2.11  | 2.47   | 2.22  |          |
| CHLORINE CYL. WEIGHT    |          |    | 22.5   |     | 21.4   |       | 20.7    |       | 20.0      |       | 19.5     |       | 18.9   |       |          |
| LIME BAG ADDED          |          |    | 1      |     | 1      |       | 1       |       | 1         |       | 1        |       | 1      |       | 5x50 lbs |
| FLUORIDE DRUM CHANGE    |          |    |        |     |        |       |         |       |           |       |          |       |        |       |          |
| WATER METER CURR. Ltrs. |          |    | 221    | 722 | 222    | 322   | 222     | 828   | 223       | 492   | 224      | 163   | 224    | 838   | 225      |
| WATER METER PREV. Ltrs. |          |    | 220    | 976 | 221    | 722   | 222     | 322   | 223       | 828   | 223      | 492   | 224    | 163   | 224      |
| CONSUMPTION             |          |    |        | 746 |        | 600   |         | 506   |           | 664   |          | 671   |        | 675   |          |
| INITIALS                |          |    | BB     |     | BB     |       | BB      |       | BB        |       | BB       |       | BB     |       |          |
| NOTES                   |          |    | BB #1  |     | BB #2  |       | BB #1   |       | BB #2     |       | BB #1    |       | BB #2  |       |          |

4473

WATER TREATMENT PLANT LOG WEEK ENDING

24/01/03

|                         | SATURDAY         | SUNDAY           | MONDAY                          | TUESDAY                         | WEDNESDAY                                     | THURSDAY                        | FRIDAY                          | TOTAL |
|-------------------------|------------------|------------------|---------------------------------|---------------------------------|-----------------------------------------------|---------------------------------|---------------------------------|-------|
| TIME AM PM              | 10 <sup>AM</sup> | 12 <sup>PM</sup> | 9 <sup>AM</sup> 4 <sup>PM</sup> | 9 <sup>AM</sup> 4 <sup>PM</sup> | 9 <sup>AM</sup> 3 <sup>30</sup> <sup>PM</sup> | 9 <sup>AM</sup> 3 <sup>PM</sup> | 9 <sup>AM</sup> 4 <sup>PM</sup> |       |
| PH                      | 6.99             | 7.10             | 8.5 8.5                         | 7.4 7.3                         | 7.16 7.11                                     | 7.13 7.10                       | 6.5 6.4                         | 7.22  |
| TEMPERATURE             | 10°C             | 10°C             | 10°C 10°C                       | 10°C 10°C                       | 10°C 10°C                                     | 10°C 10°C                       | 10°C 10°C                       | 10°C  |
| CHLORINE (TOTAL)        | 56               | 57               | 62 73                           | 62 70                           | 79 77                                         | 76 73                           | 73 65                           | 668   |
| CHLORINE (FREE)         | 43               | 44               | 49 54                           | 57 53                           | 56 58                                         | 56 55                           | 53 53                           | 653   |
| FLUORIDE                | 1.13             | 1.04             | 1.04 1.02                       | 1.07 1.17                       | .99 1.04                                      | 1.14 1.04                       | 1.06 1.04                       | 10.06 |
| TURBIDITY               | .37              | .37              | .36 .37                         | .32 .36                         | .36 .37                                       | .36 .36                         | .36 .36                         | .36   |
| LIME FEED RATE          | 555              | 555              | 555 550                         | 550 550                         | 550 550                                       | 550 550                         | 550 550                         | 550   |
| CHLORINE FLOW RATE      | 6.3              | 6.3              | 6.3 6.3                         | 6.3 6.3                         | 6.3 6.3                                       | 6.3 6.3                         | 6.3 6.3                         | 6.3   |
| FLUOR. STROKE/FREQ.     | 10/12            | 10/12            | 10/12 10/12                     | 10/12 10/12                     | 10/12 10/12                                   | 10/12 10/12                     | 10/12 10/12                     | 10/12 |
| POT. WATER TEMP.        | 6.6°C            | 6.7°C            | 6.7°C 6.8°C                     | 6.7°C 6.7°C                     | 6.7°C 6.7°C                                   | 6.7°C 6.6°C                     | 6.6°C 6.6°C                     | 6.6°C |
| RESERVOIR LEVEL (1)     | 4.0              | 4.07             | 3.93 3.69                       | 3.96 3.80                       | 3.89 3.73                                     | 4.01 3.79                       | 3.86 3.69                       |       |
| RESERVOIR LEVEL (2)     | 2.34             | 2.46             | 2.30 1.96                       | 2.22 2.10                       | 2.22 2.09                                     | 2.39 2.14                       | 2.17 1.92                       |       |
| CHLORINE CYL. WEIGHT    | 182              | 125              | 168                             | 162                             | 155                                           | 147                             | 142                             |       |
| LIME BAG ADDED          | 1                | 1                | 1                               | 1                               | 1                                             | 1                               | 1                               | 5x50  |
| FLUORIDE DRUM CHANGE    |                  |                  |                                 |                                 |                                               |                                 |                                 |       |
| WATER METER CURR. Ltrs. | 226              | 205              | 227 512                         | 228 160                         | 228 743                                       | 229 564                         | 230 013                         | 2     |
| WATER METER PREV. Ltrs. | 225              | 449              | 226 851                         | 227 512                         | 160 228                                       | 228 743                         | 229 364                         |       |
| CONSUMPTION             |                  | 256              | 691                             | 648                             | 583                                           | 621                             | 729                             | 4674  |
| INITIALS                | BB               | BB               | BB                              | BB                              | BB                                            | BB                              | BB                              |       |
| NOTES                   | BB #1            | BB #2            | BB #1<br>BB #2                  | BB #1<br>BB #2                  | BB #1<br>BB #2                                | BB #1<br>BB #2                  | BB #1<br>BB #2                  |       |

18502



10/01/03

Water Treatment Plant Weekly Tests

|                 | PH   | Temp C | Total Ca | Free Ca | Fluoride |
|-----------------|------|--------|----------|---------|----------|
| Saturday        | 6.0  |        | .71      | .54     | .99      |
| Sunday          | 6.0  | 10     | .69      | .53     | .85      |
| Sunday Total    | 12.  |        | 1.40     | 1.07    | 1.84     |
| Monday          | 6.0  | 10     | .67      | .52     | .88      |
| Monday Total    | 18.0 |        | 2.07     | 1.59    | 2.72     |
| Monday          | 6.0  | 10     | .63      | .52     | .84      |
| Monday Total    | 24.0 |        | 2.7      | 2.11    | 3.56     |
| Tuesday         | 6.0  | 10     | .66      | .49     | .98      |
| Tuesday Total   | 30.0 |        | 3.36     | 2.60    | 4.54     |
| Tuesday         | 6.0  | 10     | .61      | .44     | .98      |
| Tuesday Total   | 36.0 |        | 3.97     | 3.04    | 5.52     |
| Wednesday       | 6.0  | 10     | .64      | .49     | .92      |
| Wednesday Total | 42.0 |        | 4.61     | 3.53    | 6.44     |
| Wednesday       | 6.0  | 10     | .67      | .52     | 1.04     |
| Wednesday Total | 48.0 |        | 5.28     | 4.05    | 7.48     |
| Thursday        | 6.6  | 10     | .58      | .46     | 1.01     |
| Thursday Total  | 54.6 |        |          |         |          |
| Thursday        |      |        |          |         |          |
| Thursday Total  |      |        |          |         |          |
| Friday          | 6.5  | 10     | .46      | .28     | .90      |
| Friday Total    | 61.1 |        | 6.32     | 4.79    | 9.39     |
| Friday          | 6.4  | 10     | .47      | .32     | 1.10     |
| Friday Total    | 66.5 |        | 6.79     | 5.11    | 10.49    |
| Average         | 6.04 | 10     | .61      | .46     | .95      |

|           | Daily Total |
|-----------|-------------|
| Saturday  | 8.37        |
| Sunday    | 7.84        |
| Monday    | 15.91       |
| Tuesday   | 23.62       |
| Wednesday | 30.85       |
| Thursday  | 38.34       |
| Friday    | 44.40       |
| Total     | 606         |
| Total     | 4440        |
| Total     | 608         |
| Total     | 5048        |

Average 721

WATER TREATMENT PLANT LOG WEEK ENDING 03 01 03

|                         | TIME | AM | PM | SATURDAY | SUNDAY | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY | TOTAL |
|-------------------------|------|----|----|----------|--------|--------|---------|-----------|----------|--------|-------|
| PH                      |      |    |    |          |        |        |         | 11.44     | 10.64    | 9.24   | 6.92  |
| TEMPERATURE             |      |    |    |          |        |        |         | 8.1       | 7.1      | 6.5    | 6.4   |
| CHLORINE (TOTAL)        |      |    |    |          |        |        |         | 10.0      | 10.0     | 10.0   | 10.0  |
| CHLORINE (FREE)         |      |    |    |          |        |        |         | .53       | .58      | .67    | .63   |
| FLUORIDE                |      |    |    |          |        |        |         | .47       | .44      | .54    | .52   |
| TURBIDITY               |      |    |    |          |        |        |         | 1.22      | 1.14     | 1.00   | 1.08  |
| LIME FEED RATE          |      |    |    |          |        |        |         | .41       | .36      | .36    | .37   |
| CHLORINE FLOW RATE      |      |    |    |          |        |        |         | .525      | .525     | .530   |       |
| FLUOR. STROKE/FREQ.     |      |    |    |          |        |        |         | 6.3       | 6.3      | 6.3    |       |
| POT. WATER TEMP.        |      |    |    |          |        |        |         | 10.12     | 10.12    | 10.12  |       |
| RESERVOIR LEVEL (1)     |      |    |    |          |        |        |         | 6.4       | 6.4      | 6.5    | 6.3   |
| RESERVOIR LEVEL (2)     |      |    |    |          |        |        |         | 4.12      | 4.07     | 4.13   | 5.85  |
| CHLORINE CYL. WEIGHT    |      |    |    |          |        |        |         | 2.53      | 2.65     | 2.45   | 2.23  |
| LIME BAG ADDED          |      |    |    |          |        |        |         | 1.41      | 1.33     | 1.27   |       |
| FLUORIDE DRUM CHANGE    |      |    |    |          |        |        |         | 1         | 1        |        | 2.056 |
| WATER METER CURR. Ltrs. |      |    |    |          |        |        |         | 214       | 215      | 116    |       |
| WATER METER PREV. Ltrs. |      |    |    |          |        |        |         | 413       | 214      | 4171   |       |
| CONSUMPTION             |      |    |    |          |        |        |         | 754       |          | 645    | 2211  |
| INITIALS                |      |    |    |          |        |        |         | BB        | BB       | BB     |       |
| NOTES                   |      |    |    |          |        |        |         | BB #2     | BB #1    | BB #1  |       |

03/01/03

# Water Treatment Plant Weekly Tests

| Saturday    | pH   | Temp C | Total Ca | Free Ca | Fluoride |
|-------------|------|--------|----------|---------|----------|
| Sunday      |      |        |          |         |          |
| Total       |      |        |          |         |          |
| Monday 1    |      |        |          |         |          |
| Total 1     |      |        |          |         |          |
| Monday 2    |      |        |          |         | 1        |
| Total 2     |      |        |          |         |          |
| Tuesday 1   |      |        |          |         |          |
| Total 1     |      |        |          |         |          |
| Tuesday 2   |      |        |          |         |          |
| Total 2     |      |        |          |         |          |
| Wednesday 1 | 8.1  | 10     | .53      | .47     | 1.22     |
| Total 1     |      |        |          |         |          |
| Wednesday 2 |      |        |          |         |          |
| Total 2     |      |        |          |         |          |
| Thursday 1  | 7.1  | 10     | .58      | .44     | 1.15     |
| Total 1     | 18.2 |        | 1.11     | .91     | 2.37     |
| Thursday 2  | 6.5  | 10     | .67      | .54     | 1        |
| Total 2     | 21.7 |        | 1.78     | 1.45    | 3.37     |
| Friday 1    | 6.5  | 10     | .67      | .57     | .97      |
| Total 1     | 28.2 |        | 2.45     | 2.02    | 4.34     |
| Friday 2    | 6.14 | 10     | .69      | .60     | 1.07     |
| Total 2     | 34.6 | 80     | 3.14     | 2.62    | 5.41     |
|             | ÷ 5  | ÷ 5    | ÷ 5      | ÷ 5     | ÷ 5      |
| Average     | 6.92 | 10     | .628     | .524    | 1.08     |

|                 | Daily Total |
|-----------------|-------------|
| Saturday        |             |
| Sunday          |             |
| Total Monday    |             |
| Total Tuesday   |             |
| Total Wednesday | 754         |
| Total Thursday  | 645         |
| Total Friday    | 1399        |
| Total           | 812         |
| Total           | 2211        |

Average 737