

SURFACE WATER MONTHLY OPERATING REPORT

FOR PUBLIC WATER SYSTEMS THAT ARE USING SURFACE WATER SOURCES
OR GROUND WATER SOURCES UNDER THE INFLUENCE OF SURFACE WATER

Summary Page

| | |
|--|---|
| PUBLIC WATER SYSTEM NAME: <u>City of Corsicana</u> | PLANT NAME OR NUMBER: <u>Navarro Mills</u> |
| I certify that I am familiar with the information contained in this report and that, to the best of my knowledge, the information is true, complete, and accurate. | |
| PWS ID No.: <u>1750002</u> Report for the Month of: <u>November 2005</u> | Operator's Signature: _____ Certificate No. & Grade: <u>WO0004220 A</u> Date: <u>December 1, 2005</u> |

| TREATMENT PLANT PERFORMANCE | | | |
|--|----------------------------|--|--------------------------|
| Total number of turbidity readings: | 180 | Number of 4-hour periods when plant was off-line: | 0 |
| Number of readings above 0.10 NTU: | 32 | Number of 4-hour periods when plant was on-line but turbidity data was not collected: | 0 |
| Number of readings above 0.3 NTU: | 0 | | |
| Number of readings above 0.5 NTU: | 0 | | |
| Number of readings above 1.0 NTU: | 0 | | |
| Maximum allowable turbidity level: | 0.3 | Number of days with readings above 1.0 NTU: | 0 (2) |
| Percentage of readings above this limit: | 0.0 % (1) | Number of days with readings above 5.0 NTU: | 0 (3) |
| Statistical Summary | Maximum turbidity reading: | 0.14 NTU | Average turbidity value: |
| | Minimum turbidity reading: | 0.06 NTU | 0.08 NTU |
| | | | Standard deviation: |
| | | | 0.020 NTU |
| Additional report(s) for individual filter monitoring required: | | <input type="radio"/> NONE <input type="radio"/> Filter Profile <input type="radio"/> Filter Assessment <input type="radio"/> CPE | |
| Additional report(s) for individual filter monitoring submitted: | | <input checked="" type="radio"/> NONE <input type="radio"/> Filter Profile <input type="radio"/> Filter Assessment <input type="radio"/> CPE | |
| #NAME? | | Number of days when plant was on-line but individual filter turbidity data was not collected: | |
| | | 0 | |
| Number of days with a low CT for no more than 4.0 consecutive hours: | 0 | Average log inactivation for Giardia: | NA |
| Number of days with a low CT for more than 4.0 consecutive hours: | 0 (4) | Average log inactivation for viruses: | NA |
| | | Number of days when profiling data was not collected: | 30 |
| | | Number of days when CT data was not collected: | 30 |
| Minimum disinfectant residual required leaving the plant: | 0.5 mg/L | <input type="radio"/> Free Chlorine <input checked="" type="radio"/> Total Chlorine | |
| Number of days with a low residual for no more than 4.0 consecutive hours: | 0 | | |
| Number of days with a low residual for more than 4.0 consecutive hours: | 0 (5) | Number of days when disinfectant residual leaving the plant was not properly monitored: | 0 |

| DISTRIBUTION SYSTEM | | | |
|--|----------|---|------------|
| Minimum disinfectant residual required in distribution system: | 0.5 mg/L | <input type="radio"/> Free Chlorine <input checked="" type="radio"/> Total Chlorine | |
| Total number of readings this month: | 55 | Percentage of readings with a low residual this month: | 0.0 % (6A) |
| Average disinfectant residual value: | 2.19 | Percentage of readings with a low residual last month: | 0.0 % (6B) |
| Number of readings with a low residual: | 0 | | |
| Number of readings with no detectable residual: | 0 | | |

| PUBLIC NOTIFICATION | | | |
|--|--------|--|------------|
| TREATMENT TECHNIQUE VIOLATIONS | YES/NO | If YES, date when notice was given to: | |
| | | COMMISSIONERS | CUSTOMERS* |
| Were more than 5.0% of the turbidity readings above the acceptable level? - see (1) above | No | | |
| Were there any days with turbidity readings above 1.0 NTU? - see (2) above | No | | |
| Were there any days with turbidity readings above 5.0 NTU? - see (3) above | No | | |
| Were there any periods when the plant failed to meet the CT requirements for more than 4.0 consecutive hours? - see (4) above | No | | |
| Were there any periods when the residuals leaving the plant fell below the acceptable level for more than 4.0 consecutive hours? - see (5) above | No | | |
| Were more than 5.0% of the residuals in the distribution system below the acceptable level for two months in a row? - see (6A) and (6B) above | No | | |

Due by the end of the next business day.
 * Copies of each Public Notice must accompany this report.

Submit the report by the 10th of the month following the reporting period to:

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
 WATER SUPPLY DIVISION/PUBLIC DRINKING WATER SECTION (MC-155)
 P.O. BOX 13087, AUSTIN, TEXAS 78711-3087

SURFACE WATER MONTHLY OPERATING REPORT

FOR PUBLIC WATER SYSTEMS THAT ARE USING SURFACE WATER SOURCES
OR GROUND WATER SOURCES UNDER THE INFLUENCE OF SURFACE WATER (cont.)

Turbidity Data Page

PUBLIC WATER SYSTEM NAME: City of Corsicana

PLANT NAME OR NUMBER: Navarro Mills

PWS ID No.: 1750002

Connections: 8,734

Month: November Year: 2005

Population: 24,485

| PERFORMANCE DATA | | | | | | | | | | | | | | | | | | |
|------------------|-------------------------|-----------------------------|--------------------|------|---|-----|-----|-----|-----|-----|------------------------|------|------|------|------|------|-----------------|------|
| Date | Raw Water Pumpage (MGD) | Treated Water Pumpage (MGD) | RAW WATER ANALYSES | | SETTLED WATER TURBIDITY (Optional Data) | | | | | | FINISHED WATER QUALITY | | | | | | | |
| | | | NTU | Aik. | Basin No. | | | | | | Turbidity | | | | | | Lowest Residual | Time |
| | | | | | 1 | 2 | 3 | 4 | 5 | 6 | NTU1 | NTU2 | NTU3 | NTU4 | NTU5 | NTU6 | | |
| 1 | 8.420 | 7.277 | 51 | 107 | 0.8 | 1.1 | 1.2 | 1.1 | 1.0 | 1.0 | 0.08 | 0.07 | 0.08 | 0.09 | 0.09 | 0.08 | 3.0 | |
| 2 | 7.860 | 6.281 | 44 | 106 | 0.9 | 0.9 | 1.4 | 1.0 | 1.0 | 1.0 | 0.07 | 0.07 | 0.07 | 0.08 | 0.07 | 0.08 | 3.0 | |
| 3 | 7.600 | 6.083 | 40 | 108 | 0.8 | 1.1 | 1.3 | 1.1 | 1.0 | 1.1 | 0.07 | 0.07 | 0.09 | 0.09 | 0.08 | 0.08 | 3.0 | |
| 4 | 8.160 | 7.105 | 40 | 107 | 0.9 | 1.0 | 1.3 | 1.0 | 1.0 | 1.0 | 0.07 | 0.08 | 0.08 | 0.09 | 0.08 | 0.08 | 3.0 | |
| 5 | 7.690 | 6.407 | 39 | 106 | 0.8 | 0.8 | 1.1 | 1.0 | 0.9 | 0.9 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.07 | 2.9 | |
| 6 | 7.790 | 7.687 | 36 | 107 | 0.7 | 0.8 | 0.9 | 0.8 | 0.8 | 0.8 | 0.07 | 0.07 | 0.08 | 0.07 | 0.07 | 0.08 | 3.0 | |
| 7 | 9.530 | 7.331 | 39 | 107 | 0.8 | 0.8 | 1.3 | 1.0 | 0.9 | 0.8 | 0.08 | 0.07 | 0.08 | 0.07 | 0.07 | 0.09 | 3.0 | |
| 8 | 6.870 | 5.720 | 39 | 107 | 0.8 | 0.8 | 1.2 | 0.9 | 0.9 | 0.9 | 0.07 | 0.07 | 0.07 | 0.07 | 0.06 | 0.07 | 2.9 | |
| 9 | 7.780 | 7.083 | 41 | 107 | 0.8 | 0.9 | 1.3 | 1.0 | 1.0 | 1.0 | 0.09 | 0.08 | 0.08 | 0.08 | 0.07 | 0.07 | 3.0 | |
| 10 | 8.270 | 6.935 | 44 | 107 | 1.0 | 1.1 | 1.4 | 1.1 | 1.2 | 1.2 | 0.08 | 0.07 | 0.08 | 0.08 | 0.09 | 0.08 | 2.9 | |
| 11 | 8.250 | 5.826 | 44 | 109 | 1.1 | 1.3 | 1.5 | 1.3 | 1.3 | 1.2 | 0.08 | 0.08 | 0.11 | 0.12 | 0.14 | 0.14 | 2.9 | |
| 12 | 8.730 | 7.245 | 50 | 106 | 1.0 | 1.1 | 1.4 | 1.1 | 1.1 | 1.1 | 0.13 | 0.14 | 0.13 | 0.13 | 0.13 | 0.12 | 3.0 | |
| 13 | 7.830 | 7.061 | 50 | 107 | 0.9 | 0.9 | 1.1 | 0.9 | 0.9 | 1.0 | 0.12 | 0.12 | 0.12 | 0.14 | 0.11 | 0.11 | 2.9 | |
| 14 | 8.240 | 6.133 | 52 | 106 | 0.7 | 0.9 | 1.3 | 0.9 | 0.8 | 0.8 | 0.10 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 3.0 | |
| 15 | 7.630 | 6.568 | 45 | 102 | 0.8 | 0.9 | 1.1 | 0.9 | 0.9 | 0.9 | 0.08 | 0.08 | 0.08 | 0.09 | 0.10 | 0.12 | 2.8 | |
| 16 | 7.440 | 6.219 | 42 | 104 | 0.9 | 0.9 | 1.1 | 1.0 | 0.9 | 0.9 | 0.14 | 0.14 | 0.14 | 0.14 | 0.13 | 0.12 | 3.0 | |
| 17 | 7.370 | 5.552 | 46 | 108 | 0.8 | 1.0 | 1.1 | 0.9 | 0.8 | 0.9 | 0.11 | 0.11 | 0.11 | 0.11 | 0.10 | 0.11 | 3.0 | |
| 18 | 7.100 | 5.684 | 48 | 109 | 0.7 | 0.9 | 1.0 | 0.9 | 0.8 | 0.8 | 0.12 | 0.11 | 0.11 | 0.10 | 0.09 | 0.09 | 2.9 | |
| 19 | 8.060 | 6.958 | 45 | 109 | 0.7 | 0.8 | 0.9 | 0.8 | 0.8 | 0.7 | 0.09 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 2.9 | |
| 20 | 7.530 | 6.319 | 52 | 109 | 0.9 | 1.0 | 1.2 | 1.0 | 1.0 | 1.0 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 2.9 | |
| 21 | 8.920 | 6.728 | 56 | 110 | 0.9 | 1.0 | 1.3 | 1.1 | 1.0 | 1.0 | 0.07 | 0.09 | 0.08 | 0.08 | 0.11 | 0.08 | 2.9 | |
| 22 | 7.240 | 5.636 | 60 | 111 | 0.9 | 1.0 | 1.3 | 1.1 | 1.0 | 1.0 | 0.08 | 0.07 | 0.08 | 0.08 | 0.07 | 0.07 | 3.1 | |
| 23 | 7.560 | 6.380 | 49 | 110 | 0.8 | 1.0 | 1.3 | 1.0 | 1.0 | 0.9 | 0.07 | 0.07 | 0.07 | 0.07 | 0.06 | 0.07 | 3.0 | |
| 24 | 6.820 | 5.327 | 48 | 111 | 0.8 | 1.0 | 1.3 | 1.0 | 1.0 | 1.0 | 0.06 | 0.06 | 0.07 | 0.08 | 0.07 | 0.07 | 3.2 | |
| 25 | 5.150 | 4.188 | 56 | 111 | 0.8 | 1.0 | 1.3 | 1.0 | 1.1 | 0.9 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 3.0 | |
| 26 | 7.620 | 5.351 | 54 | 109 | 0.8 | 0.9 | 1.2 | 0.9 | 0.9 | 0.9 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 2.9 | |
| 27 | 7.120 | 6.245 | 54 | 112 | 0.8 | 0.8 | 1.0 | 0.8 | 0.8 | 0.9 | 0.07 | 0.07 | 0.08 | 0.07 | 0.08 | 0.07 | 2.9 | |
| 28 | 5.610 | 5.116 | 54 | 114 | 0.7 | 0.9 | 1.1 | 0.9 | 0.9 | 0.9 | 0.07 | 0.07 | 0.07 | 0.07 | 0.06 | 0.06 | 3.0 | |
| 29 | 7.610 | 6.031 | 52 | 113 | 0.8 | 1.0 | 1.1 | 1.0 | 1.0 | 1.0 | 0.06 | 0.08 | 0.08 | 0.08 | 0.07 | 0.07 | 2.9 | |
| 30 | 7.983 | 6.041 | 50 | 113 | 0.8 | 0.9 | 1.1 | 1.0 | 0.8 | 0.8 | 0.07 | 0.07 | 0.08 | 0.08 | 0.08 | 0.07 | 3.1 | |
| 31 | | | | | | | | | | | | | | | | | | |
| Total | 229.783 | 188.517 | | | | | | | | | | | | | | | | |
| Avg | 7.659 | 6.284 | | | | | | | | | | | | | | | | |
| Max | 9.530 | 7.687 | | | | | | | | | | | | | | | | |
| Min | 5.150 | 4.188 | | | | | | | | | | | | | | | | |

NOTE: ONLY use the "Time" column to show the length of time that the disinfectant residual entering the distribution system fell below the acceptable level.

SUBMITTED BY: _____ Certificate No. and Grade: WO0004220 A Date: December 1, 2005

SURFACE WATER MONTHLY OPERATING REPORT

FOR PUBLIC WATER SYSTEMS THAT ARE USING SURFACE WATER SOURCES
OR GROUND WATER SOURCES UNDER THE INFLUENCE OF SURFACE WATER (cont.)

Filter Data Page

PUBLIC WATER
SYSTEM NAME: City of Corsicana
PWS ID No.: 1750002

PLANT NAME
OR NUMBER: Navarro Mills
Month: November Year: 2005

| PERFORMANCE DATA | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|--------------|-------|--------------|-------|--------------|-------|--------------|-------|--------------|-------|--------------|-------|--------------|-------|--------------|-------|--------------|-------|---------------|-------|
| INDIVIDUAL FILTER TURBIDITY | | | | | | | | | | | | | | | | | | | | |
| Date | Filter No. 1 | | Filter No. 2 | | Filter No. 3 | | Filter No. 4 | | Filter No. 5 | | Filter No. 6 | | Filter No. 7 | | Filter No. 8 | | Filter No. 9 | | Filter No. 10 | |
| | Max | 4 Hrs | Max | 4 Hrs |
| 1 | 0.11 | X | 0.16 | 0.11 | 0.10 | X | 0.09 | X | 0.12 | X | 0.09 | X | | | | | | | | |
| 2 | 0.18 | 0.14 | 0.10 | X | 0.09 | X | 0.16 | 0.11 | 0.10 | X | 0.14 | 0.10 | | | | | | | | |
| 3 | 0.12 | X | 0.10 | X | 0.15 | 0.11 | 0.10 | X | 0.12 | X | 0.10 | X | | | | | | | | |
| 4 | 0.11 | X | 0.09 | X | 0.12 | X | 0.10 | X | 0.18 | 0.10 | 0.09 | X | | | | | | | | |
| 5 | 0.09 | X | 0.09 | X | 0.09 | X | 0.08 | X | 0.11 | X | 0.08 | X | | | | | | | | |
| 6 | 0.17 | 0.12 | 0.16 | 0.11 | 0.09 | X | 0.09 | X | 0.09 | X | 0.08 | X | | | | | | | | |
| 7 | 0.12 | X | 0.11 | X | 0.09 | X | 0.14 | 0.11 | 0.09 | X | 0.15 | 0.09 | | | | | | | | |
| 8 | 0.10 | X | 0.10 | X | 0.15 | 0.13 | 0.09 | X | 0.17 | 0.13 | 0.09 | X | | | | | | | | |
| 9 | 0.11 | X | 0.11 | X | 0.12 | X | 0.09 | X | 0.12 | X | 0.10 | X | | | | | | | | |
| 10 | 0.12 | X | 0.20 | 0.19 | 0.14 | X | 0.11 | X | 0.15 | X | 0.12 | X | | | | | | | | |
| 11 | 0.27 | 0.26 | 0.22 | X | 0.14 | 0.12 | 0.26 | 0.23 | 0.16 | X | 0.15 | 0.13 | | | | | | | | |
| 12 | 0.25 | X | 0.22 | X | 0.17 | X | 0.22 | X | 0.19 | X | 0.25 | X | | | | | | | | |
| 13 | 0.22 | X | 0.20 | X | 0.19 | 0.14 | 0.20 | X | 0.24 | 0.16 | 0.20 | X | | | | | | | | |
| 14 | 0.17 | X | 0.11 | 0.11 | 0.15 | X | 0.11 | X | 0.14 | X | 0.12 | X | | | | | | | | |
| 15 | 0.27 | 0.26 | 0.23 | X | 0.18 | X | 0.24 | 0.10 | 0.18 | X | 0.15 | X | | | | | | | | |
| 16 | 0.22 | X | 0.19 | X | 0.16 | X | 0.20 | X | 0.21 | 0.18 | 0.22 | 0.17 | | | | | | | | |
| 17 | 0.16 | X | 0.16 | X | 0.44 | 0.13 | 0.14 | X | 0.26 | X | 0.16 | X | | | | | | | | |
| 18 | 0.13 | X | 0.12 | X | 0.13 | X | 0.12 | X | 0.13 | X | 0.12 | X | | | | | | | | |
| 19 | 0.16 | 0.10 | 0.14 | 0.10 | 0.16 | X | 0.17 | 0.09 | 0.09 | X | 0.08 | X | | | | | | | | |
| 20 | 0.14 | X | 0.11 | X | 0.10 | X | 0.11 | X | 0.08 | X | 0.12 | 0.10 | | | | | | | | |
| 21 | 0.11 | X | 0.10 | X | 0.10 | X | 0.09 | X | 0.09 | 0.09 | 0.14 | X | | | | | | | | |
| 22 | 0.10 | X | 0.09 | X | 0.08 | X | 0.08 | X | 0.11 | X | 0.09 | X | | | | | | | | |
| 23 | 0.10 | X | 0.19 | 0.08 | 0.12 | 0.08 | 0.07 | X | 0.10 | X | 0.08 | X | | | | | | | | |
| 24 | 0.09 | 0.09 | 0.11 | X | 0.10 | X | 0.10 | 0.07 | 0.09 | X | 0.08 | X | | | | | | | | |
| 25 | 0.11 | X | 0.09 | X | 0.09 | X | 0.10 | X | 0.07 | X | 0.08 | 0.08 | | | | | | | | |
| 26 | 0.11 | X | 0.08 | X | 0.08 | X | 0.08 | X | 0.07 | X | 0.10 | X | | | | | | | | |
| 27 | 0.09 | X | 0.08 | X | 0.08 | X | 0.08 | X | 0.10 | 0.08 | 0.10 | X | | | | | | | | |
| 28 | 0.08 | X | 0.08 | 0.07 | 0.12 | 0.08 | 0.07 | X | 0.11 | X | 0.07 | X | | | | | | | | |
| 29 | 0.13 | X | 0.12 | X | 0.11 | X | 0.11 | 0.07 | 0.09 | X | 0.09 | X | | | | | | | | |
| 30 | 0.72 | 0.08 | 0.10 | X | 0.10 | X | 0.12 | X | 0.09 | X | 0.09 | X | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | |

| SUMMARY & COMPLIANCE ACTIONS | Criteria | | | | | | | | | | | Filter No. | | | | | | | | | | Plant |
|---|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| | Number of days with event(s) above 0.5 NTU at 4.0 hrs this month | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | | | | | | |
| | Number of days with event(s) above 1.0 NTU this month | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | | | | | | |
| | Number of days with event(s) above 1.0 NTU last month | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | | | | | | |
| | Number of days with event(s) above 1.0 NTU two months ago | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | | | | | | |
| | Total number of days with event(s) above 1.0 NTU in three months | ##### | ##### | ##### | ##### | ##### | ##### | ##### | ##### | ##### | ##### | ##### | ##### | ##### | ##### | ##### | ##### | ##### | ##### | ##### | ##### | |
| | Number of days with event(s) above 2.0 NTU this month | | | | | | | | | | | 0 | | | | | | | | | | |
| | Number of days with event(s) above 2.0 NTU last month | | | | | | | | | | | 0 | | | | | | | | | | |
| | Does the plant have an approved Corrective Action Plan? | N | N | N | N | N | N | | | | | | | | | | | | | | N | |
| Is the plant required to submit a Filter Profile Report? | ##### | ##### | ##### | ##### | ##### | ##### | ##### | ##### | ##### | ##### | ##### | ##### | ##### | ##### | ##### | ##### | ##### | ##### | ##### | ##### | | |
| Is the plant required to submit a Filter Assessment Report? | ##### | ##### | ##### | ##### | ##### | ##### | ##### | ##### | ##### | ##### | ##### | ##### | ##### | ##### | ##### | ##### | ##### | ##### | ##### | ##### | | |
| Is the plant required to submit a Request for Compliance CPE? | | | | | | | | | | | N | | | | | | | | | | | |

SUBMITTED BY: _____ Certificate No. and Grade: WO0004220 A Date: December 1, 2005

SURFACE WATER MONTHLY OPERATING REPORT

FOR PUBLIC WATER SYSTEMS THAT ARE USING SURFACE WATER SOURCES
OR GROUND WATER SOURCES UNDER THE INFLUENCE OF SURFACE WATER (cont.)

Disinfection Data Page

PUBLIC WATER SYSTEM NAME: City of Corsicana
PWS ID No.: 1750002

PLANT NAME OR NUMBER: Navarro Mills
Month: November Year: 2005

| DISINFECTION PROCESS PARAMETERS | | | | | | | |
|---------------------------------|--------------------|--------|--------|----|-----------------------|-----------------------|---------|
| APPROVED CT STUDY PARAMETERS | | | | | PERFORMANCE STANDARDS | | |
| Parameters | Disinfection Zones | | | | | Log Inactivations | |
| | D1 | D2 | D3 | D4 | D5 | Giardia lamblia Cysts | Viruses |
| Flow Rate (MGD) | 20.250 | 20.250 | 20.250 | | | 0.5 | 2.0 |
| T ₁₀ (minutes) | 109.1 | 13.0 | 100.0 | | | | |

| PERFORMANCE DATA | | | | | | | | | |
|---------------------------|--------------|----------|------------|-----------|-----|-------------|-----------|--------------|------|
| DISINFECTION PROCESS DATA | | | | | | | | | |
| Date | Disinfectant | C (mg/L) | Flow (MGD) | Temp (°C) | pH | Giardia Log | Virus Log | Inact. Ratio | Time |
| 1 | NA D1 | | | | | | | | |
| | FCL D2 | 2.7 | 10.100 | 19.0 | 7.5 | | | | |
| | CLA D3 | 3.4 | 10.100 | 19.0 | 7.6 | | | | |
| | D4 | | | | | | | | |
| | D5 | | | | | | | | |
| 2 | NA D1 | | | | | | | | |
| | FCL D2 | 2.8 | 10.100 | 19.0 | 7.4 | | | | |
| | CLA D3 | 3.4 | 10.100 | 18.0 | 7.6 | | | | |
| | D4 | | | | | | | | |
| | D5 | | | | | | | | |
| 3 | NA D1 | | | | | | | | |
| | FCL D2 | 3.0 | 10.100 | 19.0 | 7.5 | | | | |
| | CLA D3 | 3.2 | 10.100 | 18.0 | 7.6 | | | | |
| | D4 | | | | | | | | |
| | D5 | | | | | | | | |
| 4 | NA D1 | | | | | | | | |
| | FCL D2 | 2.6 | 10.100 | 19.0 | 7.5 | | | | |
| | CLA D3 | 3.2 | 10.100 | 18.0 | 7.6 | | | | |
| | D4 | | | | | | | | |
| | D5 | | | | | | | | |
| 5 | NA D1 | | | | | | | | |
| | FCL D2 | 2.8 | 10.200 | 19.0 | 7.4 | | | | |
| | CLA D3 | 2.9 | 10.200 | 18.0 | 7.5 | | | | |
| | D4 | | | | | | | | |
| | D5 | | | | | | | | |
| 6 | NA D1 | | | | | | | | |
| | FCL D2 | 2.9 | 10.100 | 20.0 | 7.4 | | | | |
| | CLA D3 | 3.1 | 10.100 | 19.0 | 7.6 | | | | |
| | D4 | | | | | | | | |
| | D5 | | | | | | | | |
| 7 | NA D1 | | | | | | | | |
| | FCL D2 | 2.5 | 10.100 | 20.0 | 7.5 | | | | |
| | CLA D3 | 3.1 | 10.100 | 19.0 | 7.6 | | | | |
| | D4 | | | | | | | | |
| | D5 | | | | | | | | |
| 8 | NA D1 | | | | | | | | |
| | FCL D2 | 2.8 | 10.100 | 21.0 | 7.5 | | | | |
| | CLA D3 | 3.1 | 10.100 | 20.0 | 7.7 | | | | |
| | D4 | | | | | | | | |
| | D5 | | | | | | | | |

| PERFORMANCE DATA | | | | | | | | | |
|---------------------------|--------------|----------|------------|-----------|-----|-------------|-----------|--------------|------|
| DISINFECTION PROCESS DATA | | | | | | | | | |
| Date | Disinfectant | C (mg/L) | Flow (MGD) | Temp (°C) | pH | Giardia Log | Virus Log | Inact. Ratio | Time |
| 9 | NA D1 | | | | | | | | |
| | FCL D2 | 3.0 | 10.000 | 20.0 | 7.5 | | | | |
| | CLA D3 | 3.3 | 10.000 | 21.0 | 7.6 | | | | |
| | D4 | | | | | | | | |
| | D5 | | | | | | | | |
| 10 | NA D1 | | | | | | | | |
| | FCL D2 | 2.6 | 8.300 | 21.0 | 7.5 | | | | |
| | CLA D3 | 3.1 | 8.300 | 21.0 | 7.6 | | | | |
| | D4 | | | | | | | | |
| | D5 | | | | | | | | |
| 11 | NA D1 | | | | | | | | |
| | FCL D2 | 2.7 | 8.200 | 21.0 | 7.5 | | | | |
| | CLA D3 | 3.2 | 8.200 | 21.0 | 7.6 | | | | |
| | D4 | | | | | | | | |
| | D5 | | | | | | | | |
| 12 | NA D1 | | | | | | | | |
| | FCL D2 | 3.0 | 10.700 | 21.0 | 7.5 | | | | |
| | CLA D3 | 3.0 | 10.700 | 21.0 | 7.6 | | | | |
| | D4 | | | | | | | | |
| | D5 | | | | | | | | |
| 13 | NA D1 | | | | | | | | |
| | FCL D2 | 2.8 | 10.500 | 21.0 | 7.4 | | | | |
| | CLA D3 | 3.2 | 10.500 | 21.0 | 7.5 | | | | |
| | D4 | | | | | | | | |
| | D5 | | | | | | | | |
| 14 | NA D1 | | | | | | | | |
| | FCL D2 | 2.6 | 10.100 | 21.0 | 7.5 | | | | |
| | CLA D3 | 3.1 | 10.100 | 21.0 | 7.5 | | | | |
| | D4 | | | | | | | | |
| | D5 | | | | | | | | |
| 15 | NA D1 | | | | | | | | |
| | FCL D2 | 2.6 | 10.100 | 21.0 | 7.4 | | | | |
| | CLA D3 | 3.0 | 10.100 | 21.0 | 7.5 | | | | |
| | D4 | | | | | | | | |
| | D5 | | | | | | | | |
| 16 | NA D1 | | | | | | | | |
| | FCL D2 | 2.6 | 10.200 | 21.0 | 7.5 | | | | |
| | CLA D3 | 3.1 | 10.200 | 21.0 | 7.5 | | | | |
| | D4 | | | | | | | | |
| | D5 | | | | | | | | |

NOTE: ONLY use the "Time" column to show the length of time that the total inactivation ratio was less than 1.00.

SUBMITTED BY: _____ Certificate No. and Grade: W00004220 A Date: December 1, 2005

