

**MONTHLY REPORT OF OPERATION**

**Trickling Filter Wastewater Treatment Plant**

Date: Jan-11  
 LaPorte Wastewater Treatment Plant  
 2101 Boyd Boulevard  
 LaPorte IN, 46350  
 Phone # (219)362-2354

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Permit # IN0025577  
 Expires 10-31-2009  
 Certified Operator : Jerry P Jackson  
 Certification Number : 11496

|                  |                 |                        |                                 |                  | Raw Sewage                                 |                                      |                                |      | Primary Effluent |             |             |      | Secondary Effluent |             |             |      | Rotary Filter |             | Fixed-Bed Filter |                | Trickling Filters   |                | Biotowers           |                         |                |                        |                     |  |
|------------------|-----------------|------------------------|---------------------------------|------------------|--|--------------------------------------|--------------------------------|------|------------------|-------------|-------------|------|--------------------|-------------|-------------|------|---------------|-------------|------------------|----------------|---------------------|----------------|---------------------|-------------------------|----------------|------------------------|---------------------|--|
| Day of the Month | Day of the Week | Total Flow in MGal/Day | Weekly Average Flow in MGal/Day | Precip in inches | Collection System Overflow 'X' if occurred | Diversion to CSO Basin At site hours | CSO Basin Overflow in MGal/Day | pH   | CBOD in mg/L     | TSS in mg/L | NH3 in mg/L | pH   | CBOD in mg/L       | TSS in mg/L | NH3 in mg/L | pH   | CBOD in mg/L  | TSS in mg/L | NH3 in mg/L      | Flow in MG/Day | Cleaning in Minutes | Flow in MG/Day | Cleaning in Minutes | Secondary Recirc. Ratio | Flow in MG/Day | Tertiary Recirc. Ratio | Cleaning in Minutes |  |
| 1                | Sat             | 6.4                    |                                 |                  |  | 4.8                                  | 0.00                           | 7.27 | 93               | 48          | 10.41       | 7.23 | 86                 | 68          | 12.89       | 7.27 | 33            | 23          | 10.74            | 5.6            |                     | 2.6            |                     | 0.29                    | 3.3            | -0.48                  |                     |  |
| 2                | Sun             | 2.7                    |                                 |                  |  |                                      | 0.00                           | 7.32 | 143              | 78          | 22.46       | 7.08 | 95                 | 54          | 22.23       | 7.07 | 13            | 13          | 15.69            | 4.6            |                     | 1.8            |                     | 1.34                    | 2.6            | -0.05                  |                     |  |
| 3                | Mon             | 2.8                    |                                 |                  |  |                                      | 0.00                           | 7.56 | 118              | 104         | 28.60       | 7.27 | 108                | 58          | 27.82       | 7.17 | 12            | 13          | 18.81            | 4.6            |                     | 2.2            |                     | 1.39                    | 2.6            | -0.06                  |                     |  |
| 4                | Tue             | 2.9                    |                                 |                  |  |                                      | 0.00                           | 7.29 | 135              | 108         | 20.79       | 7.11 | 115                | 58          | 25.61       | 7.09 | 19            | 12          | 17.60            | 4.6            |                     | 2.4            |                     | 1.42                    | 2.6            | -0.09                  |                     |  |
| 5                | Wed             | 3.4                    |                                 |                  |  |                                      | 0.00                           | 7.22 | 101              | 111         | 20.31       | 7.12 | 86                 | 78          | 24.94       | 7.05 | 13            | 20          | 20.42            | 4.6            |                     | 2.4            |                     | 1.05                    | 3.5            | 0.03                   |                     |  |
| 6                | Thu             | 3.0                    |                                 |                  |  |                                      | 0.00                           | 7.42 | 100              | 108         | 20.35       | 7.28 | 101                | 70          | 27.32       | 7.25 | 13            | 7           | 19.65            | 4.6            |                     | 2.4            |                     | 1.32                    | 5.8            | 0.94                   |                     |  |
| 7                | Fri             | 2.8                    |                                 |                  |  |                                      | 0.00                           | 7.30 | 158              | 96          | 22.40       | 7.21 | 125                | 60          | 28.19       | 7.22 | 16            | 15          | 22.74            | 4.6            |                     | 2.0            |                     | 1.36                    | 4.5            | 0.62                   |                     |  |
| 8                | Sat             | 3.9                    | 3.1                             |                  |  |                                      | 0.00                           | 7.20 | 93               | 52          | 15.97       | 7.17 | 90                 | 22          | 17.33       | 7.32 | 22            | 16          | 15.65            | 4.9            |                     | 2.1            |                     | 0.77                    | 5.0            | 0.26                   |                     |  |
| 9                | Sun             | 3.7                    |                                 |                  |  |                                      | 0.00                           | 7.26 | 87               | 104         | 16.89       | 7.09 | 66                 | 64          | 16.20       | 7.07 | 14            | 19          | 12.03            | 5.0            |                     | 2.2            |                     | 0.93                    | 5.2            | 0.40                   |                     |  |
| 10               | Mon             | 2.6                    |                                 |                  |  |                                      | 0.00                           | 7.35 | 150              | 132         | 20.03       | 7.17 | 116                | 72          | 21.47       | 7.12 | 19            | 15          | 18.41            | 4.6            |                     | 2.2            |                     | 1.54                    | 4.2            | 0.59                   |                     |  |
| 11               | Tue             | 3.1                    |                                 |                  |  |                                      | 0.00                           | 7.25 | 165              | 404         | 21.14       | 7.16 | 98                 | 58          | 18.83       | 7.20 | 21            | 17          | 15.70            | 4.5            |                     | 2.3            |                     | 1.19                    | 3.7            | 0.16                   |                     |  |
| 12               | Wed             | 2.8                    |                                 |                  |  |                                      | 0.00                           | 7.27 | 105              | 125         | 24.12       | 7.07 | 89                 | 60          | 24.49       | 7.10 | 16            | 16          | 19.54            | 4.5            |                     | 2.3            |                     | 1.45                    | 3.5            | 0.25                   |                     |  |
| 13               | Thu             | 3.2                    |                                 |                  |  |                                      | 0.00                           | 7.46 | 105              | 146         | 21.42       | 7.42 | 97                 | 78          | 20.68       | 7.50 | 18            | 20          | 17.36            | 4.5            |                     | 2.7            |                     | 1.23                    | 4.2            | 0.30                   |                     |  |
| 14               | Fri             | 2.7                    |                                 |                  |  |                                      | 0.00                           | 7.41 | 105              | 122         | 22.39       | 7.20 | 114                | 69          | 22.62       | 7.24 | 19            | 13          | 18.79            | 4.6            |                     | 2.0            |                     | 1.42                    | 3.4            | 0.26                   |                     |  |
| 15               | Sat             | 2.7                    | 3.0                             |                  |  |                                      | 0.00                           | 7.39 | 143              | 130         | 22.59       | 7.21 | 125                | 70          | 23.35       | 7.31 | 15            | 12          | 18.44            | 4.6            |                     | 1.8            |                     | 1.34                    | 3.7            | 0.35                   |                     |  |
| 16               | Sun             | 4.3                    |                                 |                  |  |                                      | 0.00                           | 7.34 | 85               | 68          | 15.81       | 7.10 | 76                 | 88          | 18.16       | 7.21 | 20            | 24          | 16.33            | 5.3            |                     | 2.4            |                     | 0.78                    | 5.5            | 0.27                   |                     |  |
| 17               | Mon             | 2.7                    |                                 |                  |  |                                      | 0.00                           | 7.54 | 175              | 151         | 31.97       | 7.21 | 104                | 70          | 22.52       | 7.20 | 25            | 20          | 18.45            | 4.5            |                     | 2.1            |                     | 1.46                    | 3.9            | 0.43                   |                     |  |
| 18               | Tue             | 3.2                    |                                 |                  |  |                                      | 0.00                           | 7.29 | 140              | 182         | 17.71       | 7.23 | 80                 | 70          | 17.06       | 7.26 | 19            | 17          | 14.64            | 4.5            |                     | 2.3            |                     | 1.11                    | 4.0            | 0.24                   |                     |  |
| 19               | Wed             | 2.7                    |                                 |                  |  |                                      | 0.00                           | 7.40 | 175              | 126         | 22.05       | 7.19 | 143                | 74          | 21.15       | 7.25 | 24            | 18          | 17.95            | 4.5            |                     | 2.3            |                     | 1.56                    | 3.8            | 0.43                   |                     |  |
| 20               | Thu             | 3.5                    |                                 |                  |  |                                      | 0.00                           | 7.32 | 93               | 72          | 19.49       | 7.21 | 84                 | 48          | 21.20       | 7.26 | 19            | 13          | 18.64            | 4.5            |                     | 3.0            |                     | 1.15                    | 4.4            | 0.24                   |                     |  |
| 21               | Fri             | 2.8                    |                                 |                  |  |                                      | 0.00                           | 7.34 | 180              | 122         | 22.02       | 7.32 | 135                | 95          | 22.17       | 7.41 | 25            | 21          | 18.98            | 4.6            |                     | 2.0            |                     | 1.33                    | 3.9            | 0.39                   |                     |  |
| 22               | Sat             | 2.6                    | 3.1                             |                  |  |                                      | 0.00                           | 7.37 | 113              | 108         | 24.22       | 7.15 | 115                | 52          | 23.14       | 7.23 | 20            | 14          | 18.78            | 4.7            |                     | 1.8            |                     | 1.49                    | 3.8            | 0.48                   |                     |  |
| 23               | Sun             | 2.5                    |                                 |                  |  |                                      | 0.00                           | 7.34 | 115              | 122         | 24.75       | 7.12 | 109                | 62          | 25.29       | 7.12 | 21            | 18          | 21.13            | 4.7            |                     | 1.8            |                     | 1.56                    | 3.9            | 0.55                   |                     |  |
| 24               | Mon             | 2.7                    |                                 |                  |  |                                      | 0.00                           | 7.38 | 130              | 110         | 21.57       | 7.33 | 106                | 64          | 20.80       | 7.28 | 22            | 17          | 17.80            | 4.6            |                     | 2.1            |                     | 1.44                    | 3.8            | 0.39                   |                     |  |
| 25               | Tue             | 3.5                    |                                 |                  |  |                                      | 0.00                           | 7.43 | 98               | 94          | 17.37       | 7.32 | 71                 | 70          | 16.46       | 7.33 | 23            | 19          | 14.49            | 4.5            |                     | 2.3            |                     | 0.93                    | 4.4            | 0.26                   |                     |  |
| 26               | Wed             | 2.7                    |                                 |                  |  |                                      | 0.00                           | 7.42 | 135              | 136         | 22.43       | 7.29 | 101                | 60          | 22.46       | 7.20 | 22            | 18          | 18.08            | 4.5            |                     | 2.3            |                     | 1.53                    | 3.8            | 0.40                   |                     |  |
| 27               | Thu             | 2.9                    |                                 |                  |  |                                      | 0.00                           | 7.33 | 110              | 162         | 20.50       | 7.24 | 100                | 82          | 24.16       | 7.24 | 18            | 21          | 20.46            | 4.5            |                     | 2.3            |                     | 1.37                    | 3.9            | 0.34                   |                     |  |
| 28               | Fri             | 3.7                    |                                 |                  |  |                                      | 0.00                           | 7.37 | 153              | 160         | 17.83       | 7.22 | 88                 | 73          | 21.31       | 7.15 | 22            | 21          | 19.02            | 4.6            |                     | 2.0            |                     | 0.80                    | 4.6            | 0.26                   |                     |  |
| 29               | Sat             | 2.9                    | 3.0                             |                  |  |                                      | 0.00                           | 7.32 | 101              | 126         | 18.61       | 7.21 | 95                 | 66          | 21.12       | 7.20 | 17            | 18          | 16.84            | 4.6            |                     | 1.8            |                     | 1.26                    | 3.8            | 0.35                   |                     |  |
| 30               | Sun             | 2.7                    |                                 |                  |  |                                      | 0.00                           | 7.34 | 125              | 300         | 21.05       | 7.18 | 97                 | 52          | 23.31       | 7.16 | 18            | 15          | 20.85            | 4.6            |                     | 1.8            |                     | 1.36                    | 3.9            | 0.41                   |                     |  |
| 31               | Mon             | 2.7                    |                                 |                  |  |                                      | 0.00                           | 7.44 | 120              | 112         | 23.89       | 7.27 | 105                | 64          | 25.02       | 7.26 | 22            | 19          | 20.25            | 4.5            |                     | 2.1            |                     | 1.49                    | 3.7            | 0.37                   |                     |  |
| AVERAGE          |                 | 3.1                    |                                 |                  |  | 0.2                                  | 0.00                           | 7.35 | 124              | 130         | 21.00       | 7.20 | 101                | 65          | 21.91       | 7.22 | 19            | 17          | 17.88            | 4.6            |                     | 2.2            |                     | 1.25                    | 4.0            | 0.30                   |                     |  |
| MAXIMUM          |                 | 6.4                    | 3.1                             |                  |  | 4.8                                  | 0.00                           | 7.56 | 180              | 404         | 31.97       | 7.42 | 143                | 95          | 28.19       | 7.50 | 33            | 24          | 22.74            | 5.6            |                     | 3.0            |                     | 1.56                    | 5.8            | 0.94                   |                     |  |
| MINIMUM          |                 | 2.5                    |                                 |                  |  | 0.0                                  | 0.00                           | 7.20 | 85               | 48          | 10.41       | 7.07 | 66                 | 22          | 12.89       | 7.05 | 12            | 7           | 10.74            | 4.5            |                     | 1.8            |                     | 0.29                    | 2.6            | -0.48                  |                     |  |
| # OF DATA        |                 | 31                     |                                 |                  |  | 31                                   | 31                             | 31   | 31               | 31          | 31          | 31   | 31                 | 31          | 31          | 31   | 31            | 31          | 31               | 31             | 31                  |                | 31                  |                         | 31             |                        |                     |  |
| TOTAL            |                 | 97                     |                                 |                  |  | 5                                    | 0                              | 228  | 3847             | 4019        | 651         | 223  | 3117               | 2029        | 679         | 224  | 592           | 524         | 554              | 144            |                     | 68             |                     |                         | 123            |                        |                     |  |

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Trickling Filter Wastewater Treatment Plant

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 LaPorte Wastewater Treatment Plant  
 2101 Boyd Boulevard  
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Permit # IN0025577  
 Expires 10-31-2009  
 Certified Operator : Jerry P Jackson  
 Certification Number : 11496

## Final Effluent

| Day of the Month | Day of the Week | Effluent Flow in MGal/Day | Maximum Daily pH | Minimum Daily pH | CBOD in mg/L | CBOD weekly av in mg/L | CBOD in lbs/Day | CBOD weekly av in lbs/Day | TSS in mg/L | TSS weekly av in mg/L | TSS in lbs/Day | TSS weekly av in lbs/Day | NH3-N in mg/L | NH3-N weekly av in mg/L | NH3-N in lbs/Day | NH3-N weekly av in lbs/Day | Dissolved Oxygen in mg/L | Aerators run in hours | Chlorine Tank Residual in mg/L | Escherichia Coliform (Colonies /100mL) | Effluent Chlorine Residual in mg/L |
|------------------|-----------------|---------------------------|------------------|------------------|--------------|------------------------|-----------------|---------------------------|-------------|-----------------------|----------------|--------------------------|---------------|-------------------------|------------------|----------------------------|--------------------------|-----------------------|--------------------------------|--|------------------------------------|
| 1                | Sat             | 6.0                       | 7.09             | 6.55             | 17           |                        | 878             |                           | 11          |                       | 586            |                          | 1.91          |                         | 102              |                            | 11.1                     |                       |                                |  |                                    |
| 2                | Sun             | 2.5                       | 7.20             | 6.83             | 4            |                        | 89              |                           | 5           |                       | 102            |                          | 0.75          |                         | 17               |                            | 11.7                     |                       |                                |  |                                    |
| 3                | Mon             | 2.6                       | 7.14             | 6.96             | 3            |                        | 73              |                           | 6           |                       | 141            |                          | 0.81          |                         | 19               |                            | 10.3                     |                       |                                |  |                                    |
| 4                | Tue             | 2.6                       | 7.25             | 6.91             | 5            |                        | 117             |                           | 1           |                       | 24             |                          | 0.90          |                         | 21               |                            | 10.2                     |                       |                                |  |                                    |
| 5                | Wed             | 3.1                       | 7.12             | 7.04             | 4            |                        | 116             |                           | 7           |                       | 198            |                          | 1.38          |                         | 39               |                            | 10.3                     |                       |                                |  |                                    |
| 6                | Thu             | 2.8                       | 7.23             | 7.08             | 4            |                        | 97              |                           | 1           |                       | 25             |                          | 1.32          |                         | 33               |                            | 10.0                     |                       |                                |  |                                    |
| 7                | Fri             | 2.5                       | 7.19             | 6.98             | 5            |                        | 118             |                           | 5           |                       | 116            |                          | 2.28          |                         | 53               |                            | 9.9                      |                       |                                |  |                                    |
| 8                | Sat             | 3.6                       | 7.16             | 6.95             | 6            | 4                      | 204             | 116                       | 2           | 4                     | 66             | 96                       | 1.83          | 1.32                    | 60               | 35                         | 10.5                     |                       |                                |  |                                    |
| 9                | Sun             | 3.4                       | 7.24             | 6.98             | 7            |                        | 216             |                           | 13          |                       | 402            |                          | 2.47          |                         | 76               |                            | 11.1                     |                       |                                |  |                                    |
| 10               | Mon             | 2.4                       | 7.28             | 7.01             | 5            |                        | 110             |                           | 6           |                       | 132            |                          | 1.18          |                         | 26               |                            | 10.0                     |                       |                                |  |                                    |
| 11               | Tue             | 2.9                       | 7.22             | 7.04             | 5            |                        | 128             |                           | 6           |                       | 157            |                          | 1.71          |                         | 45               |                            | 9.7                      |                       |                                |  |                                    |
| 12               | Wed             | 2.6                       | 7.16             | 7.10             | 4            |                        | 100             |                           | 2           |                       | 46             |                          | 1.17          |                         | 27               |                            | 10.1                     |                       |                                |  |                                    |
| 13               | Thu             | 3.0                       | 7.69             | 7.13             | 3            |                        | 67              |                           | 9           |                       | 241            |                          | 1.15          |                         | 31               |                            | 9.4                      |                       |                                |  |                                    |
| 14               | Fri             | 2.5                       | 7.37             | 7.25             | 6            |                        | 135             |                           | 4           |                       | 90             |                          | 1.01          |                         | 23               |                            | 10.1                     |                       |                                |  |                                    |
| 15               | Sat             | 2.5                       | 7.39             | 7.31             | 3            | 5                      | 78              | 119                       | 5           | 6                     | 114            | 169                      | 1.01          | 1.39                    | 23               | 36                         | 10.7                     |                       |                                |  |                                    |
| 16               | Sun             | 3.9                       | 7.30             | 7.16             | 8            |                        | 302             |                           | 10          |                       | 342            |                          | 2.31          |                         | 83               |                            | 10.2                     |                       |                                |  |                                    |
| 17               | Mon             | 2.5                       | 7.31             | 6.92             | 6            |                        | 145             |                           | 12          |                       | 272            |                          | 1.04          |                         | 24               |                            | 10.0                     |                       |                                |  |                                    |
| 18               | Tue             | 3.0                       | 7.31             | 7.07             | 6            |                        | 170             |                           | 5           |                       | 135            |                          | 0.84          |                         | 23               |                            | 9.8                      |                       |                                |  |                                    |
| 19               | Wed             | 2.5                       | 7.26             | 7.02             | 5            |                        | 116             |                           | 4           |                       | 89             |                          | 0.90          |                         | 20               |                            | 9.3                      |                       |                                |  |                                    |
| 20               | Thu             | 3.2                       | 7.25             | 7.17             | 5            |                        | 152             |                           | 4           |                       | 117            |                          | 1.11          |                         | 33               |                            | 9.5                      |                       |                                |  |                                    |
| 21               | Fri             | 2.6                       | 7.47             | 6.96             | 6            |                        | 129             |                           | 10          |                       | 235            |                          | 1.02          |                         | 24               |                            | 10.2                     |                       |                                |  |                                    |
| 22               | Sat             | 2.4                       | 7.27             | 7.01             | 5            | 6                      | 114             | 161                       | 4           | 7                     | 86             | 182                      | 1.05          | 1.18                    | 23               | 33                         | 10.5                     |                       |                                |  |                                    |
| 23               | Sun             | 2.3                       | 7.18             | 6.92             | 5            |                        | 110             |                           | 7           |                       | 147            |                          | 1.00          |                         | 21               |                            | 10.1                     |                       |                                |  |                                    |
| 24               | Mon             | 2.5                       | 7.23             | 6.96             | 5            |                        | 103             |                           | 6           |                       | 137            |                          | 0.81          |                         | 19               |                            | 10.2                     |                       |                                |  |                                    |
| 25               | Tue             | 3.3                       | 7.35             | 7.25             | 6            |                        | 183             |                           | 6           |                       | 177            |                          | 1.02          |                         | 30               |                            | 10.0                     |                       |                                |  |                                    |
| 26               | Wed             | 2.5                       | 7.31             | 7.13             | 4            |                        | 90              |                           | 4           |                       | 90             |                          | 0.78          |                         | 18               |                            | 10.1                     |                       |                                |  |                                    |
| 27               | Thu             | 2.7                       | 7.20             | 7.13             | 4            |                        | 99              |                           | 7           |                       | 156            |                          | 1.01          |                         | 24               |                            | 9.7                      |                       |                                |  |                                    |
| 28               | Fri             | 3.3                       | 7.12             | 6.83             | 6            |                        | 176             |                           | 5           |                       | 154            |                          | 1.77          |                         | 55               |                            | 9.3                      |                       |                                |  |                                    |
| 29               | Sat             | 2.7                       | 7.16             | 6.83             | 5            | 5                      | 117             | 125                       | 5           | 6                     | 119            | 140                      | 1.25          | 1.09                    | 30               | 28                         | 9.7                      |                       |                                |  |                                    |
| 30               | Sun             | 2.5                       | 7.20             | 6.85             | 4            |                        | 89              |                           | 4           |                       | 91             |                          | 0.85          |                         | 19               |                            | 9.8                      |                       |                                |  |                                    |
| 31               | Mon             | 2.4                       | 7.24             | 6.85             | 5            |                        | 107             |                           | 4           |                       | 89             |                          | 0.85          |                         | 19               |                            | 10.1                     |                       |                                |  |                                    |
| AVERAGE          |                 | 2.9                       |                  |                  | 5            |                        | 153             |                           | 6           |                       | 157            |                          | 1.24          |                         | 34               |                            | 10.1                     |                       |                                |  |                                    |
| MAXIMUM          |                 | 6.0                       | 7.69             |                  | 17           | 6                      | 878             | 161                       | 13          | 7                     | 586            | 182                      | 2.47          | 1.39                    | 102              | 36                         | 11.7                     |                       |                                |  |                                    |
| MINIMUM          |                 | 2.3                       |                  | 6.55             | 3            |                        | 67              |                           | 1           |                       | 24             |                          | 0.75          |                         | 17               |                            | 9.3                      |                       |                                |  |                                    |
| # OF DATA        |                 | 31                        | 31               | 31               | 31           |                        | 31              |                           | 31          |                       | 31             |                          | 31            |                         | 31               |                            | 31                       |                       |                                |  |                                    |
| TOTAL            |                 | 89                        | 225              | 217              | 166          |                        | 4728            |                           | 179         |                       | 4878           |                          | 38            |                         | 1058             |                            | 313.6                    |                       |                                |  |                                    |

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Date: Jan-11

LaPorte Wastewater Treatment Plant  
2101 Boyd Boulevard  
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Phone # (219)362-2354

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Permit # IN0025577

Expires 10-31-2009

Certified Operator : Jerry P Jackson

Certification Number : 11496

### Solids Removal

|                        |                       | Chemicals Used<br>for disinfection |                                    |                                   |  |  |   | Primary & Secondary Settling                                |  |                                     | Final Settling                            |  |  |
|------------------------|-----------------------|------------------------------------|------------------------------------|-----------------------------------|--|--|---|---|--|-------------------------------------|---|--|--|
| Day of<br>the<br>Month | Day of<br>the<br>Week | Chlorine<br>in<br>lbs/Day          | Sulfur<br>Dioxide<br>in<br>lbs/Day | Grit<br>in<br>cubic ft<br>per day | Screening<br>in<br>cubic ft<br>per day | Pri. Sludge<br>to<br>Primary # 1<br>Digester<br>(gal x 1000) | Scum<br>to<br>Primary # 2<br>Digester<br>(gal x 1000) | Secondary<br>Sludge<br>to<br>Pri. Clarifier<br>(gal x 1000) | Cleaning<br>Mechanism<br>run in<br>hours | Sludge<br>Drawn<br>Hours<br>per day | Sludge<br>to<br>Headworks<br>(gal x 1000) |  |  |
| 1                      | Sat                   |                                    |                                    |                                   |  | 24   | 0   | 272   | 4  | 2                                   | 84  |  |  |
| 2                      | Sun                   |                                    |                                    |                                   |  | 20   | 0   | 262   | 4  | 2                                   | 85  |  |  |
| 3                      | Mon                   |                                    |                                    |                                   |  | 20   | 0   | 256   | 6  | 2                                   | 85  |  |  |
| 4                      | Tue                   |                                    |                                    |                                   |  | 22   | 0   | 240   | 6  | 2                                   | 85  |  |  |
| 5                      | Wed                   |                                    |                                    |                                   |  | 20   | 0   | 271   | 6  | 2                                   | 84  |  |  |
| 6                      | Thu                   |                                    |                                    |                                   |  | 20   | 5   | 275   | 6  | 2                                   | 85  |  |  |
| 7                      | Fri                   |                                    |                                    |                                   |  | 20   | 0   | 275   | 6  | 2                                   | 84  |  |  |
| 8                      | Sat                   |                                    |                                    |                                   |  | 24   | 0   | 273   | 6  | 2                                   | 84  |  |  |
| 9                      | Sun                   |                                    |                                    |                                   |  | 26   | 0   | 275   | 6  | 2                                   | 83  |  |  |
| 10                     | Mon                   |                                    |                                    |                                   |  | 20   | 0   | 271   | 6  | 2                                   | 84  |  |  |
| 11                     | Tue                   |                                    |                                    |                                   |  | 20   | 0   | 267   | 6  | 2                                   | 86  |  |  |
| 12                     | Wed                   |                                    |                                    |                                   |  | 20   | 0   | 265   | 6  | 2                                   | 90  |  |  |
| 13                     | Thu                   |                                    |                                    |                                   |  | 20   | 0   | 262   | 6  | 2                                   | 89  |  |  |
| 14                     | Fri                   |                                    |                                    |                                   |  | 20   | 0   | 260   | 6  | 2                                   | 84  |  |  |
| 15                     | Sat                   |                                    |                                    |                                   |  | 20   | 0   | 258   | 6  | 8                                   | 319                                       |  |  |
| 16                     | Sun                   |                                    |                                    |                                   |  | 20   | 0   | 258   | 6  | 11                                  | 417                                       |  |  |
| 17                     | Mon                   |                                    |                                    |                                   |  | 20   | 0   | 261   | 6  | 11                                  | 414                                       |  |  |
| 18                     | Tue                   |                                    |                                    |                                   |  | 20   | 3   | 262   | 6  | 11                                  | 409                                       |  |  |
| 19                     | Wed                   |                                    |                                    |                                   |  | 20   | 2   | 260   | 6  | 11                                  | 406                                       |  |  |
| 20                     | Thu                   |                                    |                                    |                                   |  | 20   | 0   | 262   | 6  | 11                                  | 416                                       |  |  |
| 21                     | Fri                   |                                    |                                    |                                   |  | 22   | 0   | 264   | 6  | 11                                  | 417                                       |  |  |
| 22                     | Sat                   |                                    |                                    |                                   |  | 20   | 0   | 262   | 6  | 11                                  | 415                                       |  |  |
| 23                     | Sun                   |                                    |                                    |                                   |  | 20   | 0   | 262   | 6  | 11                                  | 412                                       |  |  |
| 24                     | Mon                   |                                    |                                    |                                   |  | 20   | 0   | 248   | 6  | 11                                  | 421                                       |  |  |
| 25                     | Tue                   |                                    |                                    |                                   |  | 20   | 0   | 272   | 6  | 11                                  | 400                                       |  |  |
| 26                     | Wed                   |                                    |                                    |                                   |  | 20   | 0   | 276   | 6  | 11                                  | 417                                       |  |  |
| 27                     | Thu                   |                                    |                                    |                                   |  | 20   | 0   | 279   | 6  | 11                                  | 403                                       |  |  |
| 28                     | Fri                   |                                    |                                    |                                   |  | 22   | 0   | 270   | 6  | 11                                  | 438                                       |  |  |
| 29                     | Sat                   |                                    |                                    |                                   |  | 20   | 0   | 286   | 6  | 11                                  | 428                                       |  |  |
| 30                     | Sun                   |                                    |                                    |                                   |  | 21   | 0   | 287   | 6  | 11                                  | 413                                       |  |  |
| 31                     | Mon                   |                                    |                                    |                                   |  | 20   | 3   | 288   | 6  | 8                                   | 291                                       |  |  |
| AVERAGE                |                       |                                    |                                    |                                   |  | 21   | 0   | 267   | 6  | 7                                   | 259                                       |  |  |
| MAXIMUM                |                       |                                    |                                    |                                   |  | 26   | 5   | 288   | 6  | 11                                  | 438                                       |  |  |
| MINIMUM                |                       |                                    |                                    |                                   |  | 20   | 0   | 240   | 4  | 2                                   | 83  |  |  |
| # OF DATA              |                       |                                    |                                    |                                   |  | 31   | 31  | 31  | 31                                       | 31                                  | 31  |  |  |
| TOTAL                  |                       |                                    |                                    |                                   |  | 641  | 13  | 8279  | 182                                      | 213                                 | 8029                                      |  |  |

| Secondary Digester          |          | Date:    |  |
|-----------------------------|----------|----------|--|
| Sample Taken by Grab Method |          |          |  |
| Pollutants:                 | Wet Wght | Dry Wght |  |
| Inorganic                   | mg/L     | mg/Kg    |  |
| Arsenic - As                |          |          |  |
| Cadmium - Cd                |          |          |  |
| Chromium - Cr               |          |          |  |
| Copper - Cu                 |          |          |  |
| Lead - Pb                   |          |          |  |
| Mercury - Hg                |          |          |  |
| Molybdenum - Mo             |          |          |  |
| Nickel - Ni                 |          |          |  |
| Selenium - Se               |          |          |  |
| Zinc - Zn                   |          |          |  |
| <b>% Total Solids</b>       |          |          |  |

| Nutrients   | Wet Wght | % by   |
|-------------|----------|--------|
|             | mg/L     | weight |
| TKN         |          |        |
| Ammonia     |          |        |
| Nitrate     |          |        |
| Phosphorous |          |        |
| Potassium   |          |        |

# MONTHLY REPORT OF OPERATION

## Trickling Filter Wastewater Treatment Plant

Date: Jan-11

LaPorte Wastewater Treatment Plant  
 2101 Boyd Boulevard, La Porte IN 46350  
 Phone # (219)362-2354

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Permit # IN0025577

Expires 10-31-2009

Certified Operator : Jerry P Jackson

Certification Number : 11496

|                  |                 | Raw Sludge                            |                         |                         |      | Primary Digester #1     |                         |      |                         | Primary Digester #2     |                         |      |                         | Secondary Digester                        |                         |                         |      |  | Digested Sludge Storage Tank          |                                     |                                     |                                       |  |
|------------------|-----------------|---------------------------------------|-------------------------|-------------------------|------|-------------------------|-------------------------|------|-------------------------|-------------------------|-------------------------|------|-------------------------|---|-------------------------|-------------------------|------|--|---------------------------------------|-------------------------------------|-------------------------------------|---------------------------------------|--|
| Day of the Month | Day of the Week | Gas produced in 1000 cubic ft per day | Total Solids in percent | Solids Percent Volatile | pH   | Total Solids in percent | Solids Percent Volatile | pH   | Digester Temp in Deg. F | Total Solids in percent | Solids Percent Volatile | pH   | Digester Temp in Deg. F | Sludge to Secondary Digester (gal x 1000) | Total Solids in percent | Solids Percent Volatile | pH   | Digester Overflow Supernatant (gal x 1000) | Digester Supernatant (% Total Solids) | Storage Tank #1 Volume (gal x 1000) | Storage Tank #2 Volume (gal x 1000) | Storage Tank Supernatant (gal x 1000) | Secondary to Storage Tank (gal x 1000) |
| 1                | Sat             |                                       |                         |                         |      |                         |                         |      | 96                      |                         |                         |      | 88                      | 12  |                         |                         |      | 34   | 0.17                                  |                                     |                                     |                                       |  |
| 2                | Sun             |                                       |                         |                         |      |                         |                         |      | 96                      |                         |                         |      | 88                      | 11  |                         |                         |      | 32   | 0.05                                  |                                     |                                     |                                       |  |
| 3                | Mon             |                                       | 2.25                    | 80.1                    | 6.63 | 1.22                    | 63.9                    | 6.87 | 96                      | 1.01                    | 66.2                    | 6.81 | 88                      | 23  | 3.77                    | 62.5                    | 6.76 | 12   |                                       |                                     |                                     |                                       | 26                                     |
| 4                | Tue             |                                       |                         |                         |      |                         |                         |      | 96                      |                         |                         |      | 89                      | 20  |                         |                         |      | 30   | 0.01                                  |                                     |                                     |                                       |  |
| 5                | Wed             |                                       |                         |                         |      |                         |                         |      | 96                      |                         |                         |      | 89                      | 10  |                         |                         |      | 27   | 0.01                                  |                                     |                                     |                                       |  |
| 6                | Thu             |                                       |                         |                         |      |                         |                         |      | 96                      |                         |                         |      | 90                      | 18  |                         |                         |      | 44   |                                       |                                     |                                     |                                       |  |
| 7                | Fri             |                                       |                         |                         |      |                         |                         |      | 96                      |                         |                         |      | 91                      | 11  |                         |                         |      | 29   |                                       |                                     |                                     |                                       |  |
| 8                | Sat             |                                       |                         |                         |      |                         |                         |      | 96                      |                         |                         |      | 91                      | 13  |                         |                         |      | 40   |                                       |                                     |                                     |                                       |  |
| 9                | Sun             |                                       |                         |                         |      |                         |                         |      | 96                      |                         |                         |      | 91                      | 17  |                         |                         |      | 49   |                                       |                                     |                                     |                                       |  |
| 10               | Mon             |                                       | 3.52                    | 78.6                    | 6.46 | 1.46                    | 57.9                    | 6.86 | 96                      | 1.46                    | 63.7                    | 6.85 | 91                      | 22  | 3.34                    | 61.6                    | 6.85 | 12   |                                       |                                     | 29                                  |                                       | 26                                     |
| 11               | Tue             |                                       |                         |                         |      |                         |                         |      | 96                      |                         |                         |      | 92                      | 4   |                         |                         |      | 0  |                                       |                                     | 29                                  |                                       |  |
| 12               | Wed             |                                       |                         |                         |      |                         |                         |      | 96                      |                         |                         |      | 92                      | 11  |                         |                         |      | 32   |                                       |                                     | 31                                  |                                       |  |
| 13               | Thu             |                                       |                         |                         |      |                         |                         |      | 96                      |                         |                         |      | 92                      | 11  |                         |                         |      | 34   |                                       |                                     | 31                                  |                                       |  |
| 14               | Fri             |                                       |                         |                         |      |                         |                         |      | 96                      |                         |                         |      | 92                      | 10  |                         |                         |      | 31   | 0.15                                  |                                     | 31                                  |                                       |  |
| 15               | Sat             |                                       |                         |                         |      |                         |                         |      | 95                      |                         |                         |      | 93                      | 10  |                         |                         |      | 30   | 0.07                                  |                                     | 31                                  |                                       |  |
| 16               | Sun             |                                       |                         |                         |      |                         |                         |      | 96                      |                         |                         |      | 93                      | 10  |                         |                         |      | 32   | 0.11                                  |                                     | 31                                  |                                       |  |
| 17               | Mon             |                                       | 3.19                    | 80.2                    | 6.40 | 1.23                    | 63.6                    | 6.86 | 96                      | 1.04                    | 71.8                    | 6.90 | 93                      | 24  | 3.99                    | 63.3                    | 6.85 | 15   |                                       |                                     | 60                                  |                                       | 28                                     |
| 18               | Tue             |                                       |                         |                         |      |                         |                         |      | 95                      |                         |                         |      | 94                      | 5   |                         |                         |      | 0  |                                       |                                     | 60                                  |                                       |  |
| 19               | Wed             |                                       |                         |                         |      |                         |                         |      | 96                      |                         |                         |      | 94                      | 11  |                         |                         |      | 22   |                                       |                                     | 60                                  |                                       |  |
| 20               | Thu             |                                       |                         |                         |      |                         |                         |      | 96                      |                         |                         |      | 95                      | 9   |                         |                         |      | 28   |                                       |                                     | 60                                  |                                       |  |
| 21               | Fri             |                                       |                         |                         |      |                         |                         |      | 96                      |                         |                         |      | 95                      | 11  |                         |                         |      | 32   |                                       |                                     | 60                                  |                                       |  |
| 22               | Sat             |                                       |                         |                         |      |                         |                         |      | 96                      |                         |                         |      | 95                      | 10  |                         |                         |      | 31   |                                       |                                     | 60                                  |                                       |  |
| 23               | Sun             |                                       |                         |                         |      |                         |                         |      | 96                      |                         |                         |      | 95                      | 12  |                         |                         |      | 35   |                                       |                                     | 60                                  |                                       |  |
| 24               | Mon             |                                       | 3.41                    | 83.5                    | 6.25 | 1.48                    | 56.6                    | 6.91 | 95                      | 1.10                    | 54.6                    | 6.98 | 95                      | 35  | 3.63                    | 65.7                    | 6.88 | 11   |                                       |                                     | 93                                  |                                       | 33                                     |
| 25               | Tue             |                                       |                         |                         |      |                         |                         |      | 95                      |                         |                         |      | 95                      | 8   |                         |                         |      | 18   |                                       |                                     | 94                                  |                                       |  |
| 26               | Wed             |                                       |                         |                         |      |                         |                         |      | 95                      |                         |                         |      | 95                      | 11  |                         |                         |      | 32   |                                       |                                     | 94                                  |                                       |  |
| 27               | Thu             |                                       |                         |                         |      |                         |                         |      | 95                      |                         |                         |      | 95                      | 8   |                         |                         |      | 27   |                                       |                                     | 94                                  |                                       |  |
| 28               | Fri             |                                       |                         |                         |      |                         |                         |      | 95                      |                         |                         |      | 95                      | 31  |                         |                         |      | 62   |                                       |                                     | 94                                  |                                       |  |
| 29               | Sat             |                                       |                         |                         |      |                         |                         |      | 95                      |                         |                         |      | 95                      | 11  |                         |                         |      | 29   | 0.09                                  |                                     | 94                                  |                                       |  |
| 30               | Sun             |                                       |                         |                         |      |                         |                         |      | 95                      |                         |                         |      | 96                      | 11  |                         |                         |      | 35   | 0.04                                  |                                     | 94                                  |                                       |  |
| 31               | Mon             |                                       | 2.82                    | 83.9                    | 6.02 | 1.53                    | 61.3                    | 6.82 | 96                      | 1.16                    | 61.3                    | 6.81 | 96                      | 25  | 3.97                    | 63.2                    | 6.64 | 11   | 0.05                                  |                                     | 123                                 |                                       | 30                                     |
| AVERAGE          |                 |                                       | 3.04                    | 81.3                    | 6.35 | 1.38                    | 60.7                    | 6.86 | 96                      | 1.15                    | 63.5                    | 6.87 | 93                      | 14  | 3.74                    | 63.3                    | 6.80 | 28   | 0.08                                  |                                     | 46                                  |                                       | 5                                      |
| MAXIMUM          |                 |                                       | 3.52                    | 83.9                    | 6.63 | 1.53                    | 63.9                    | 6.91 | 96                      | 1.46                    | 71.8                    | 6.98 | 96                      | 35  | 3.99                    | 65.7                    | 6.88 | 62   | 0.17                                  |                                     | 123                                 |                                       | 33                                     |
| MINIMUM          |                 |                                       | 2.25                    | 78.6                    | 6.02 | 1.22                    | 56.6                    | 6.82 | 95                      | 1.01                    | 54.6                    | 6.81 | 88                      | 4   | 3.34                    | 61.6                    | 6.64 | 0  | 0.01                                  |                                     |                                     |                                       |  |
| # OF DATA        |                 |                                       | 5                       | 5                       | 5    | 5                       | 5                       | 5    | 31                      | 5                       | 5                       | 5    | 31                      | 31  | 5                       | 5                       | 5    | 31   | 10                                    | 31                                  | 31                                  |                                       | 31                                     |
| TOTAL            |                 |                                       | 15                      | 406                     | 32   | 7                       | 303                     | 34   | 2963                    | 6                       | 318                     | 34   | 2875                    | 435                                       | 19                      | 316                     | 34   | 857  | 1                                     |                                     | 1413                                |                                       | 142                                    |

# MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

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Date: Jan-11  
 LaPorte Wastewater Treatment Plant  
 2101 Boyd Boulevard  
 LaPorte IN, 46350  
 Phone # (219)362-2354

Permit # IN0025577  
 Expires 10-31-2009  
 Certified Operator : Jerry P Jackson  
 Certification Number : 11496

## NPDES LIMITS AND ANALYSIS

**Metals and Cyanide Analysis : All results are given in mg/l**

| INFLUENT                              |                  |            |            |            |            |            |            | EFFLUENT                |            |            |            |            |            |  |  |
|---------------------------------------|------------------|------------|------------|------------|------------|------------|------------|-------------------------|------------|------------|------------|------------|------------|--|--|
| Method: 24 hour composite             |                  |            |            |            |            |            |            | Site: Post Disinfection |            |            |            |            |            |  |  |
| Sample Characteristics                |                  | Cr         | Cu         | Pb         | Ni         | Zn         | CN, Free   | Cr                      | Cu         | Pb         | Ni         | Zn         | CN, Free   |  |  |
| Sample Number                         |                  |            |            |            |            |            |            |                         |            |            |            |            |            |  |  |
| Sample Type                           | Permit Condition | 24 Hour    | 24 Hour    | 24 Hour    | 24 Hour    | 24 Hour    | GRAB       | 24 Hour                 | 24 Hour    | 24 Hour    | 24 Hour    | 24 Hour    | GRAB       |  |  |
|                                       | Monitored        | 24 Hour    | 24 Hour    | 24 Hour    | 24 Hour    | 24 Hour    | GRAB       | 24 Hour                 | 24 Hour    | 24 Hour    | 24 Hour    | 24 Hour    | GRAB       |  |  |
| Frequency                             | Permit Condition | 4 X Annual | 4 X Annual | 4 X Annual | 4 X Annual | 4 X Annual | 4 X Annual | 4 X Annual              | 4 X Annual | 4 X Annual | 4 X Annual | 4 X Annual | 4 X Annual |  |  |
|                                       | Monitored        | 4 X Annual | 4 X Annual | 4 X Annual | 4 X Annual | 4 X Annual | 4 X Annual | 4 X Annual              | 4 X Annual | 4 X Annual | 4 X Annual | 4 X Annual | 4 X Annual |  |  |
| Parameter Limits                      | Daily Maximum    | NA         | NA         | NA         | NA         | NA         | NA         | NA                      | NA         | NA         | NA         | NA         | NA         |  |  |
|                                       | Monthly Average  | NA         | NA         | NA         | NA         | NA         | NA         | NA                      | NA         | NA         | NA         | NA         | NA         |  |  |
| 1st Date:                             | January 12th, 20 | <0.005     | 0.059      | <0.005     | 0.005      | 0.064      |            | <0.005                  | 0.016      | <0.005     | <0.005     | 0.017      |            |  |  |
| 2nd Date:                             | January 26th, 20 | <0.005     | 0.062      | <0.005     | 0.010      | 0.071      | <0.005     | <0.005                  | 0.013      | <0.005     | <0.005     | 0.017      | <0.005     |  |  |
| 3rd Date:                             |                  |            |            |            |            |            |            |                         |            |            |            |            |            |  |  |
| 4th Date:                             |                  |            |            |            |            |            |            |                         |            |            |            |            |            |  |  |
| 5th Date:                             |                  |            |            |            |            |            |            |                         |            |            |            |            |            |  |  |
| Number of times Limit Value exceeded: |                  | NA         | NA         | NA         | NA         | NA         | NA         | NA                      | NA         | NA         | NA         | NA         | NA         |  |  |
| Average                               |                  | <0.003     | 0.061      | <0.003     | 0.008      | 0.068      | <0.003     | <0.003                  | 0.015      | <0.003     | <0.003     | 0.017      | <0.003     |  |  |
| Maximum                               |                  | <0.005     | 0.062      | <0.005     | 0.010      | 0.071      | <0.005     | <0.005                  | 0.016      | <0.005     | <0.005     | 0.017      | <0.005     |  |  |

**Other Permit Analysis**

|                | Weekly Av FLOW in MGD | Monthly Average FLOW in MGD | Weekly Av CBOD in mg/L | Monthly Average CBOD in mg/L | Weekly Av CBOD in lbs/Day | Monthly Average CBOD in lbs/Day | Weekly Av TSS in mg/L | Monthly Average TSS in mg/L | Weekly Av TSS in lbs/Day | Monthly Average TSS in lbs/Day | Weekly Av NH3-N in mg/L | Monthly Average NH3-N in mg/L | Weekly Av NH3-N in lbs/Day | Monthly Average NH3-N in lbs/Day | Daily Dissolved Oxygen* in mg/L | pH   | Chlorine Residual in mg/L | Daily Max Escherichia Coliform (/100mL) | Mnthly Av Escherichia Coliform (/100mL) |
|----------------|-----------------------|-----------------------------|------------------------|------------------------------|---------------------------|---------------------------------|-----------------------|-----------------------------|--------------------------|--------------------------------|-------------------------|-------------------------------|----------------------------|----------------------------------|---------------------------------|------|---------------------------|---|---|
| Limit          | None                  | None                        | 40                     | 25                           | 3338                      | 2086                            | 45                    | 30                          | 3755                     | 2504                           | 2.70                    | 1.80                          | 225                        | 150                              | 6.0                             | 6-9  | 0.06                      | 235                                     | 125                                     |
| Times Violated | 0                     | 0                           | 0                      | 0                            | 0                         | 0                               | 0                     | 0                           | 0                        | 0                              | 0                       | 0                             | 0                          | 0                                | 0                               | 0    | 0                         | 0                                       | 0                                       |
| Max            | 3.1                   | 3.1                         | 6                      | 5                            | 161                       | 153                             | 7                     | 6                           | 182                      | 157                            | 1.39                    | 1.24                          | 36                         | 34                               | 9.3                             | 7.69 |                           |   |   |
| Total          |                       |                             |                        | 0                            |                           | 0                               |                       | 0                           |                          | 0                              |                         | 0                             |                            | 0                                | 0                               | 0    | 0                         |   | 0                                       |

\*Dissolved Oxygen value is minimum daily average

# MONTHLY REPORT OF OPERATION

## Trickling Filter Wastewater Treatment Plant

Date: Jan-11  
 LaPorte Wastewater Treatment Plant  
 2101 Boyd Boulevard, La Porte IN 46350  
 Phone # (219)362-2354

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 Permit # IN0025577  
 Expires 10-31-2009  
 Certified Operator : Jerry P Jackson  
 Certification Number : 11496

Total lbs Volatile Solids to Digester 4,260

Overall Percent Removal of Volatile Solids 60.3%

Equivalent Population Treated in (lbs Raw CBOD per Day / 0.17) 19,053

Rotary Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 440

Fixed Bed Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 50

Biotower Filter Hydraulic Loading Rate (Gallons / Day / Sq Ft) 515

Rotary Filter Organic Loading Rate (lbs CBOD / 1000 Cu Ft / Day) 29

Fixed Bed Filter Organic Loading Rate (lbs CBOD / 1000 Cu Ft / Day) 3

Biotower Filter Organic Loading Rate (lbs CBOD / 1000 Cu Ft / Day) 3

### Monthly Removal Summary

| Percent Removal :     | CBOD | TSS | AMMONIA |
|-----------------------|------|-----|---------|
| Primary Treatment :   | 19%  | 50% | -4%     |
| Secondary Treatment : | 81%  | 74% | 18%     |
| Adv. Sec. Treatment : | 72%  | 66% | 93%     |
| Overall Treatment :   | 96%  | 96% | 94%     |

| Detention Time (Hours)     | Maximum | Minimum | Average |
|----------------------------|---------|---------|---------|
| Primary Settling Tank      | 4.8     | 1.9     | 3.9     |
| Secondary Settling Tank    | 3.6     | 1.4     | 2.9     |
| Final Settling Tank        | 11.1    | 4.4     | 9.0     |
| Chlorine Contact Tank      | 0.77    | 0.30    | 0.62    |
| Total Plant Retention Time | 19.5    | 7.7     | 15.7    |

| Surface Flow Rate         |         |         |         |
|---------------------------|---------|---------|---------|
| Gallons per sq ft per Day | Maximum | Minimum | Average |
| Primary Settling Tank     | 798     | 316     | 391     |
| Secondary Settling Tank   | 1053    | 417     | 516     |
| Final Settling Tank       | 537     | 212     | 263     |

| Weir OverFlow Rate      |         |         |         |
|-------------------------|---------|---------|---------|
| 1000 Gal per ft per Day | Maximum | Minimum | Average |
| Primary Settling Tank   | 15      | 6       | 8       |
| Secondary Settling Tank | 13      | 5       | 6       |
| Final Settling Tank     | 12      | 5       | 6       |

| TREATMENT EQUIPMENT       | Total available | Number in service |
|---------------------------|-----------------|-------------------|
| PRIMARY CLARIFIER TANKS   | 4               | 4                 |
| SECONDARY CLARIFIER TANKS | 2               | 2                 |
| FINAL CLARIFIER TANKS     | 2               | 2                 |
| ROTARY FILTER             | 1               | 1                 |
| FIXED BED FILTER          | 1               | 1                 |
| BIOTOWERS                 | 2               | 2                 |

### Monthly Comments Concerning Plant Operation:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines or imprisonment for knowing violations.

Certified Operator Signature: \_\_\_\_\_ Certification # : 11496

Executive Officer OR Authorized Agent Signature: \_\_\_\_\_

