

**MONTHLY REPORT OF OPERATION**

**Trickling Filter Wastewater Treatment Plant**

Date: Jun-03  
 LaPorte Wastewater Treatment Plant  
 2101 Boyd Boulevard  
 LaPorte IN, 46350  
 Phone # (219)362-2354

Page 1 of 6

Permit # IN0025577

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                | Sun             | 2.8                    |                                 |                  |  |                                      | 0.00                           | 7.70 | 133              | 86          | 23.13       | 7.29 | 99                 | 66          | 21.67       | 7.12 | 12            | 28          | 7.11             | 4.9            |                     | 3.8            |                     | 2.11                    | 8.1            | 1.92                   |                     |
| 2                | Mon             | 3.2                    |                                 | 0.03             |  |                                      | 0.00                           | 7.61 | 135              | 94          | 21.67       | 7.37 | 93                 | 64          | 18.79       | 7.10 | 15            | 26          | 5.30             | 4.8            |                     | 3.8            |                     | 1.71                    | 7.9            | 1.49                   |                     |
| 3                | Tue             | 4.8                    |                                 | 0.47             |  | 3.4                                  | 0.00                           | 7.44 | 80               | 102         | 12.12       | 6.89 | 62                 | 60          | 10.70       | 6.97 | 16            | 28          | 3.87             | 5.1            |                     | 3.8            |                     | 0.87                    | 8.8            | 0.84                   | 60                  |
| 4                | Wed             | 3.2                    |                                 | 0.01             |  |                                      | 0.00                           | 7.65 | 106              | 66          | 21.06       | 7.24 | 82                 | 44          | 20.42       | 7.04 | 12            | 23          | 6.13             | 4.8            |                     | 3.8            |                     | 1.69                    | 8.1            | 1.53                   |                     |
| 5                | Thu             | 3.6                    |                                 |                  |  |                                      | 0.00                           | 7.55 | 125              | 164         | 19.09       | 7.27 | 85                 | 50          | 18.77       | 7.20 | 14            | 23          | 5.45             | 4.7            |                     | 3.8            |                     | 1.40                    | 8.3            | 1.31                   |                     |
| 6                | Fri             | 4.0                    |                                 | 0.08             |  |                                      | 0.00                           | 7.42 | 165              | 158         | 18.67       | 7.18 | 88                 | 68          | 20.82       | 7.02 | 16            | 32          | 8.15             | 4.8            |                     | 3.8            | 30                  | 1.15                    | 8.1            | 1.01                   |                     |
| 7                | Sat             | 2.5                    | 3.4                             |                  |  |                                      | 0.00                           | 7.60 | 165              | 96          | 26.82       | 7.24 | 88                 | 60          | 22.65       | 7.12 | 11            | 21          | 5.28             | 4.9            |                     | 3.8            |                     | 2.48                    | 8.1            | 2.26                   |                     |
| 8                | Sun             | 2.7                    |                                 | 0.23             |  | 1.0                                  | 0.00                           | 7.29 | 183              | 122         | 23.64       | 7.22 | 112                | 60          | 23.69       | 7.20 | 34            | 24          | 7.52             | 5.0            |                     | 3.8            |                     | 2.20                    | 8.4            | 2.05                   |                     |
| 9                | Mon             | 2.2                    |                                 |                  |  |                                      | 0.00                           | 7.69 | 215              | 113         | 29.38       | 7.28 | 128                | 62          | 24.80       | 7.03 | 17            | 24          | 6.22             | 4.8            |                     | 3.8            | 300                 | 2.89                    | 8.1            | 2.68                   |                     |
| 10               | Tue             | 2.3                    |                                 | 0.05             |  |                                      | 0.00                           | 7.63 | 205              | 172         | 29.07       | 7.26 | 107                | 56          | 25.98       | 6.96 | 13            | 16          | 6.42             | 4.8            |                     | 3.9            |                     | 2.80                    | 8.2            | 2.63                   |                     |
| 11               | Wed             | 2.5                    |                                 | 0.03             |  |                                      | 0.00                           | 7.62 | 160              | 153         | 29.02       | 7.30 | 110                | 70          | 26.67       | 7.21 | 13            | 25          | 6.54             | 4.7            |                     | 3.9            |                     | 2.52                    | 8.3            | 2.36                   |                     |
| 12               | Thu             | 5.1                    |                                 | 0.22             |  | 2.0                                  | 0.00                           | 7.55 | 105              | 136         | 13.47       | 7.33 | 78                 | 68          | 17.48       | 6.90 | 18            | 32          | 5.82             | 5.0            |                     | 3.9            |                     | 0.76                    | 8.7            | 0.72                   |                     |
| 13               | Fri             | 3.9                    |                                 | 0.15             |  | 0.6                                  | 0.00                           | 7.46 | 100              | 70          | 18.17       | 7.28 | 68                 | 38          | 16.90       | 6.95 | 14            | 18          | 6.48             | 5.0            |                     | 3.9            |                     | 1.27                    | 8.5            | 1.17                   |                     |
| 14               | Sat             | 3.1                    | 3.1                             |                  |  |                                      | 0.00                           | 7.49 | 103              | 78          | 21.76       | 7.30 | 75                 | 44          | 20.98       | 7.03 | 15            | 24          | 5.20             | 4.9            |                     | 3.8            |                     | 1.78                    | 8.3            | 1.64                   |                     |
| 15               | Sun             | 3.0                    |                                 |                  |  |                                      | 0.00                           | 7.47 | 140              | 50          | 21.44       | 7.29 | 86                 | 38          | 21.58       | 7.11 | 11            | 17          | 5.11             | 4.8            |                     | 3.8            |                     | 1.92                    | 8.3            | 1.79                   |                     |
| 16               | Mon             | 2.3                    |                                 |                  |  |                                      | 0.00                           | 7.58 | 210              | 139         | 30.31       | 7.26 | 116                | 56          | 25.15       | 7.07 | 13            | 20          | 5.88             | 4.8            |                     | 3.8            |                     | 2.70                    | 8.2            | 2.52                   |                     |
| 17               | Tue             | 2.1                    |                                 |                  |  |                                      | 0.00                           | 7.71 | 190              | 108         | 32.71       | 7.34 | 138                | 74          | 27.12       | 7.15 | 13            | 23          | 5.14             | 4.8            |                     | 3.9            |                     | 3.06                    | 8.1            | 2.81                   |                     |
| 18               | Wed             | 3.4                    |                                 | 0.44             |  | 2.4                                  | 0.00                           | 7.64 | 170              | 172         | 19.84       | 7.33 | 101                | 120         | 21.01       | 7.06 | 27            | 47          | 8.07             | 5.1            |                     | 3.9            |                     | 1.63                    | 8.7            | 1.55                   |                     |
| 19               | Thu             | 4.2                    |                                 |                  |  |                                      | 0.00                           | 7.56 | 102              | 74          | 15.65       | 7.29 | 63                 | 74          | 15.69       | 6.85 | 13            | 29          | 4.45             | 4.8            |                     | 3.9            |                     | 1.06                    | 8.1            | 0.91                   |                     |
| 20               | Fri             | 3.9                    |                                 |                  |  |                                      | 0.00                           | 7.52 | 92               | 82          | 16.79       | 7.36 | 56                 | 54          | 17.11       | 7.08 | 15            | 28          | 5.86             | 4.8            |                     | 3.9            |                     | 1.26                    | 8.1            | 1.09                   |                     |
| 21               | Sat             | 3.0                    | 3.1                             |                  |  |                                      | 0.00                           | 7.48 | 100              | 74          | 21.80       | 7.29 | 63                 | 50          | 17.88       | 7.12 | 12            | 25          | 4.74             | 4.9            |                     | 3.9            |                     | 1.91                    | 8.1            | 1.69                   |                     |
| 22               | Sun             | 2.1                    |                                 |                  |  |                                      | 0.00                           | 7.65 | 170              | 74          | 27.40       | 7.32 | 108                | 50          | 25.27       | 7.03 | 13            | 17          | 6.26             | 4.8            |                     | 3.8            |                     | 3.13                    | 8.1            | 2.87                   |                     |
| 23               | Mon             | 2.2                    |                                 |                  |  |                                      | 0.00                           | 7.70 | 220              | 152         | 28.97       | 7.28 | 114                | 60          | 22.67       | 7.02 | 14            | 13          | 5.34             | 4.8            |                     | 3.8            |                     | 2.95                    | 8.1            | 2.74                   |                     |
| 24               | Tue             | 2.1                    |                                 |                  |  |                                      | 0.00                           | 7.68 | 185              | 122         | 30.15       | 7.47 | 90                 | 72          | 23.41       | 7.17 | 13            | 21          | 4.97             | 4.8            |                     | 3.9            |                     | 3.05                    | 8.2            | 2.82                   |                     |
| 25               | Wed             | 2.3                    |                                 |                  |  |                                      | 0.00                           | 7.68 | 170              | 156         | 28.57       | 7.52 | 98                 | 76          | 25.95       | 7.17 | 11            | 19          | 5.82             | 4.8            |                     | 3.9            |                     | 2.79                    | 8.3            | 2.62                   |                     |
| 26               | Thu             | 2.8                    |                                 | 0.20             |  | 0.5                                  | 0.00                           | 7.52 | 195              | 274         | 25.35       | 7.30 | 110                | 90          | 24.78       | 7.09 | 21            | 32          | 8.80             | 4.8            |                     | 3.9            |                     | 2.16                    | 8.4            | 2.05                   |                     |
| 27               | Fri             | 2.1                    |                                 |                  |  |                                      | 0.00                           | 7.73 | 190              | 114         | 33.02       | 7.39 | 102                | 61          | 24.90       | 7.16 | 14            | 23          | 5.85             | 4.8            |                     | 3.9            |                     | 3.16                    | 8.1            | 2.89                   |                     |
| 28               | Sat             | 2.3                    | 2.3                             | 0.16             |  |                                      | 0.00                           | 7.72 | 155              | 84          | 27.80       | 7.35 | 118                | 38          | 24.88       | 7.18 | 13            | 7           | 6.51             | 4.9            |                     | 3.9            |                     | 2.87                    | 8.1            | 2.62                   |                     |
| 29               | Sun             | 2.0                    |                                 |                  |  |                                      | 0.00                           | 7.55 | 175              | 76          | 28.64       | 7.24 | 98                 | 44          | 25.56       | 7.12 | 12            | 11          | 5.85             | 4.8            |                     | 3.9            |                     | 3.28                    | 8.1            | 3.00                   |                     |
| 30               | Mon             | 2.7                    |                                 |                  |  |                                      | 0.00                           | 7.55 | 145              | 76          | 25.67       | 7.30 | 113                | 66          | 22.52       | 7.13 | 14            | 26          | 8.26             | 4.8            |                     | 3.9            | 270                 | 2.26                    | 8.1            | 2.03                   |                     |
| AVERAGE          |                 | 2.9                    |                                 | 0.07             |  | 0.3                                  | 0.00                           | 7.58 | 153              | 115         | 24.04       | 7.29 | 95                 | 61          | 21.86       | 7.08 | 15            | 23          | 6.08             | 4.8            |                     | 3.9            | 20                  | 2.16                    | 8.2            | 1.99                   | 2                   |
| MAXIMUM          |                 | 5.1                    | 3.4                             | 0.47             |  | 3.4                                  | 0.00                           | 7.73 | 220              | 274         | 33.02       | 7.52 | 138                | 120         | 27.12       | 7.21 | 34            | 47          | 8.80             | 5.1            |                     | 3.9            | 300                 | 3.28                    | 8.8            | 3.00                   | 60                  |
| MINIMUM          |                 | 2.0                    |                                 | 0.00             |  | 0.0                                  | 0.00                           | 7.29 | 80               | 50          | 12.12       | 6.89 | 56                 | 38          | 10.70       | 6.85 | 11            | 7           | 3.87             | 4.7            |                     | 3.8            | 30                  | 0.76                    | 7.9            | 0.72                   | 60                  |
| # OF DATA        |                 | 30                     |                                 | 13               |  | 30                                   | 30                             | 30   | 30               | 30          | 30          | 30   | 30                 | 30          | 30          | 30   | 30            | 30          | 30               | 30             | 30                  | 3              |                     | 30                      |                |                        | 1                   |
| TOTAL            |                 | 88                     |                                 | 2.07             |  | 10                                   | 0                              | 227  | 4588             | 3437        | 721         | 219  | 2847               | 1833        | 656         | 212  | 445           | 701         | 182              | 145            |                     | 116            | 600                 |                         | 247            |                        | 60                  |

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Page 2 of 6

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 Certified Operator : Jerry P Jackson  
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## Final Effluent

| Day of the Month | Day of the Week | Effluent Flow in MGal/Day | 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                | Sun             | 2.5                       | 7.28 | 3            |                        | 65              |                           | 8           |                       | 191            |                          | 0.61          |                         | 14               |                            | 9.2                      |                       | 1.93                           | 1                                      | < 0.006                            |
| 2                | Mon             | 2.9                       | 7.39 | 4            |                        | 106             |                           | 9           |                       | 225            |                          | 0.21          |                         | 5                |                            | 8.7                      |                       | 1.70                           | 23                                     | < 0.006                            |
| 3                | Tue             | 4.5                       | 7.15 | 5            |                        | 200             |                           | 11          |                       | 420            |                          | 0.21          |                         | 8                |                            | 9.1                      |                       | 1.68                           | 55                                     | < 0.006                            |
| 4                | Wed             | 3.0                       | 7.30 | 2            |                        | 64              |                           | 7           |                       | 186            |                          | <0.20         |                         | 3                |                            | 9.0                      |                       | 2.42                           | 4                                      | < 0.006                            |
| 5                | Thu             | 3.3                       | 7.38 | 4            |                        | 116             |                           | 9           |                       | 253            |                          | 1.17          |                         | 35               |                            | 8.7                      |                       | 2.49                           | 7                                      | < 0.006                            |
| 6                | Fri             | 3.8                       | 7.36 | 4            |                        | 131             |                           | 14          |                       | 470            |                          | 0.68          |                         | 23               |                            | 8.9                      |                       | 2.36                           | 24                                     | < 0.006                            |
| 7                | Sat             | 2.3                       | 7.58 | 2            | 3                      | 46              | 104                       | 6           | 9                     | 125            | 267                      | 0.31          | 0.47                    | 6                | 14                         | 8.7                      |                       | 1.74                           | 6                                      | < 0.006                            |
| 8                | Sun             | 2.6                       | 7.51 | 4            |                        | 94              |                           | 7           |                       | 148            |                          | 0.50          |                         | 11               |                            | 8.6                      |                       | 1.99                           | 22                                     | < 0.006                            |
| 9                | Mon             | 2.0                       | 7.24 | 4            |                        | 72              |                           | 5           |                       | 83             |                          | 0.27          |                         | 5                |                            | 8.6                      |                       | 2.63                           | 6                                      | < 0.006                            |
| 10               | Tue             | 2.2                       | 7.17 | 3            |                        | 53              |                           | 6           |                       | 104            |                          | 0.35          |                         | 7                |                            | 8.5                      |                       | 2.13                           | 6                                      | < 0.006                            |
| 11               | Wed             | 2.3                       | 7.99 | 2            |                        | 49              |                           | 8           |                       | 164            |                          | 0.30          |                         | 6                |                            | 8.6                      |                       | 2.04                           | 11                                     | < 0.006                            |
| 12               | Thu             | 4.8                       | 7.15 | 5            |                        | 190             |                           | 11          |                       | 444            |                          | 0.61          |                         | 26               |                            | 8.5                      |                       | 1.91                           | 4                                      | < 0.006                            |
| 13               | Fri             | 3.7                       | 7.02 | 4            |                        | 117             |                           | 12          |                       | 375            |                          | 0.56          |                         | 18               |                            | 8.5                      |                       | 2.78                           | 36                                     | < 0.006                            |
| 14               | Sat             | 2.9                       | 7.22 | 3            | 3                      | 68              | 92                        | 5           | 7                     | 131            | 207                      | 0.56          | 0.45                    | 15               | 12                         | 8.1                      |                       | 2.17                           | 11                                     | < 0.006                            |
| 15               | Sun             | 2.8                       | 7.36 | 3            |                        | 72              |                           | 7           |                       | 161            |                          | 0.38          |                         | 9                |                            | 8.1                      |                       | 1.95                           | 26                                     | < 0.006                            |
| 16               | Mon             | 2.2                       | 7.41 | 3            |                        | 48              |                           | 9           |                       | 175            |                          | 0.28          |                         | 5                |                            | 8.2                      |                       | 1.60                           | 15                                     | < 0.006                            |
| 17               | Tue             | 2.0                       | 7.34 | 2            |                        | 39              |                           | 8           |                       | 138            |                          | 0.27          |                         | 5                |                            | 8.2                      |                       | 1.87                           | 10                                     | < 0.006                            |
| 18               | Wed             | 3.2                       | 7.41 | 5            |                        | 154             |                           | 17          |                       | 492            |                          | 0.75          |                         | 21               |                            | 8.3                      |                       | 2.17                           | 12                                     | < 0.006                            |
| 19               | Thu             | 4.2                       | 6.92 | 5            |                        | 179             |                           | 15          |                       | 527            |                          | 0.36          |                         | 12               |                            | 8.5                      |                       | 1.76                           | 29                                     | < 0.006                            |
| 20               | Fri             | 3.7                       | 7.26 | 3            |                        | 103             |                           | 7           |                       | 226            |                          | 0.54          |                         | 17               |                            | 8.6                      |                       | 2.40                           | 26                                     | < 0.006                            |
| 21               | Sat             | 2.8                       | 7.54 | 2            | 3                      | 58              | 93                        | 5           | 10                    | 126            | 263                      | 0.22          | 0.40                    | 6                | 11                         | 8.4                      |                       | 2.81                           | 28                                     | < 0.006                            |
| 22               | Sun             | 1.9                       | 7.61 | < 2          |                        | 18              |                           | 3           |                       | 53             |                          | <0.20         |                         | 2                |                            | 8.0                      |                       | 1.89                           | 31                                     | < 0.006                            |
| 23               | Mon             | 2.1                       | 7.37 | 3            |                        | 49              |                           | 4           |                       | 64             |                          | <0.20         |                         | 2                |                            | 8.4                      |                       | 2.42                           | 21                                     | < 0.006                            |
| 24               | Tue             | 2.0                       | 7.55 | 4            |                        | 66              |                           | 13          |                       | 236            |                          | 0.35          |                         | 6                |                            | 8.2                      |                       | 2.47                           | 8                                      | < 0.006                            |
| 25               | Wed             | 2.1                       | 7.64 | 2            |                        | 40              |                           | 7           |                       | 124            |                          | 0.29          |                         | 6                |                            | 8.1                      |                       | 2.48                           | 35                                     | < 0.006                            |
| 26               | Thu             | 2.5                       | 7.35 | 4            |                        | 81              |                           | 12          |                       | 266            |                          | 0.61          |                         | 14               |                            | 8.4                      |                       | 1.82                           | 39                                     | < 0.006                            |
| 27               | Fri             | 1.9                       | 7.45 | 2            |                        | 38              |                           | 7           |                       | 113            |                          | 0.87          |                         | 15               |                            | 8.5                      |                       | 2.28                           | 16                                     | < 0.006                            |
| 28               | Sat             | 2.1                       | 7.33 | < 2          | 2                      | 19              | 44                        | 1           | 6                     | 19             | 125                      | <0.20         | 0.34                    | 2                | 7                          | 8.3                      |                       | 2.56                           | 8                                      | < 0.006                            |
| 29               | Sun             | 1.9                       | 7.40 | 2            |                        | 39              |                           | 1           |                       | 21             |                          | <0.20         |                         | 2                |                            | 8.3                      |                       | 1.99                           | 6                                      | < 0.006                            |
| 30               | Mon             | 2.8                       | 7.33 | 3            |                        | 56              |                           | 9           |                       | 191            |                          | 0.66          |                         | 15               |                            | 8.1                      |                       | 2.24                           | 24                                     | < 0.006                            |
| AVERAGE          |                 | 2.8                       | 7.37 | 3            |                        | 81              |                           | 8           |                       | 208            |                          | 0.41          |                         | 11               |                            | 8.5                      |                       | 2.16                           | 14                                     | < 0.006                            |
| MAXIMUM          |                 | 4.8                       | 7.99 | 5            | 3                      | 200             | 104                       | 17          | 10                    | 527            | 267                      | 1.17          | 0.47                    | 35               | 14                         | 9.2                      |                       | 2.81                           | 55                                     | < 0.006                            |
| MINIMUM          |                 | 1.9                       | 6.92 | <2           |                        | 18              |                           | 1           |                       | 19             |                          | <0.20         |                         | 2                |                            | 8.0                      |                       | 1.60                           | 1                                      | < 0.006                            |
| # OF DATA        |                 | 30                        | 30   | 30           |                        | 30              |                           | 30          |                       | 30             |                          | 30            |                         | 30               |                            | 30                       |                       | 30                             | 30                                     | 30                                 |
| TOTAL            |                 | 83                        | 221  | 93           |                        | 2430            |                           | 237         |                       | 6250           |                          | 12            |                         | 322              |                            | 254.3                    |                       | 64.68                          | 550                                    | < 0.006                            |

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Date: Jun-03

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Page 3 of 6

Permit # IN0025577

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>Times<br>per day | Sludge<br>to<br>Headworks<br>(gal x 1000) |  |
| 1                      | Sun                   | 94                                 | 53                                 |                                   |  | 23   | 0   | 333   | 6  | 4                                   | 199                                       |  |
| 2                      | Mon                   | 113                                | 53                                 |                                   |  | 23   | 0   | 334   | 6  | 4                                   | 204                                       |  |
| 3                      | Tue                   | 160                                | 80                                 | 34                                | 27                                     | 28   | 0   | 335   | 6  | 4                                   | 203                                       |  |
| 4                      | Wed                   | 60                                 | 40                                 |                                   |  | 23   | 0   | 335   | 6  | 4                                   | 203                                       |  |
| 5                      | Thu                   | 140                                | 87                                 |                                   |  | 23   | 0   | 334   | 6  | 4                                   | 199                                       |  |
| 6                      | Fri                   | 132                                | 68                                 |                                   |  | 23   | 12  | 335   | 6  | 4                                   | 196                                       |  |
| 7                      | Sat                   | 87                                 | 38                                 |                                   |  | 23   | 0   | 332   | 6  | 4                                   | 193                                       |  |
| 8                      | Sun                   | 86                                 | 52                                 |                                   |  | 31   | 0   | 332   | 6  | 3                                   | 132                                       |  |
| 9                      | Mon                   | 127                                | 27                                 |                                   |  | 31   | 0   | 330   | 6  | 4                                   | 169                                       |  |
| 10                     | Tue                   | 100                                | 40                                 |                                   |  | 25   | 0   | 336   | 6  | 4                                   | 169                                       |  |
| 11                     | Wed                   | 80                                 | 60                                 |                                   |  | 20   | 0   | 334   | 6  | 4                                   | 176                                       |  |
| 12                     | Thu                   | 192                                | 100                                |                                   |  | 29   | 0   | 334   | 6  | 4                                   | 154                                       |  |
| 13                     | Fri                   | 137                                | 67                                 | 54                                | 47                                     | 26   | 0   | 334   | 6  | 3                                   | 126                                       |  |
| 14                     | Sat                   | 113                                | 53                                 |                                   |  | 23   | 0   | 334   | 6  | 4                                   | 166                                       |  |
| 15                     | Sun                   | 91                                 | 48                                 |                                   |  | 20   | 0   | 329   | 6  | 4                                   | 163                                       |  |
| 16                     | Mon                   | 128                                | 32                                 |                                   |  | 20   | 5   | 326   | 6  | 4                                   | 169                                       |  |
| 17                     | Tue                   | 35                                 | 21                                 |                                   |  | 20   | 0   | 324   | 6  | 4                                   | 166                                       |  |
| 18                     | Wed                   | 125                                | 54                                 |                                   |  | 23   | 9   | 321   | 6  | 4                                   | 174                                       |  |
| 19                     | Thu                   | 160                                | 72                                 |                                   |  | 25   | 0   | 326   | 6  | 4                                   | 175                                       |  |
| 20                     | Fri                   | 157                                | 60                                 |                                   |  | 17   | 0   | 337   | 6  | 4                                   | 175                                       |  |
| 21                     | Sat                   | 103                                | 40                                 |                                   |  | 20   | 0   | 337   | 6  | 4                                   | 352                                       |  |
| 22                     | Sun                   | 72                                 | 27                                 |                                   |  | 20   | 0   | 333   | 6  | 4                                   | 180                                       |  |
| 23                     | Mon                   | 88                                 | 54                                 | 41                                | 27                                     | 20   | 0   | 330   | 6  | 4                                   | 169                                       |  |
| 24                     | Tue                   | 60                                 | 40                                 |                                   |  | 18   | 9   | 345   | 6  | 4                                   | 183                                       |  |
| 25                     | Wed                   | 80                                 | 40                                 |                                   |  | 20   | 0   | 337   | 6  | 4                                   | 174                                       |  |
| 26                     | Thu                   | 127                                | 51                                 |                                   |  | 29   | 0   | 338   | 6  | 4                                   | 173                                       |  |
| 27                     | Fri                   | 103                                | 25                                 | 20                                |  | 16   | 0   | 341   | 6  | 4                                   | 168                                       |  |
| 28                     | Sat                   | 96                                 | 34                                 |                                   |  | 20   | 0   | 335   | 6  | 4                                   | 170                                       |  |
| 29                     | Sun                   | 80                                 | 34                                 |                                   |  | 20   | 0   | 331   | 6  | 4                                   | 168                                       |  |
| 30                     | Mon                   | 101                                | 62                                 |                                   |  | 20   | 0   | 331   | 6  | 4                                   | 169                                       |  |
| AVERAGE                |                       | 108                                | 49                                 | 5                                 | 3                                      | 22   | 1   | 333   | 6  | 4                                   | 180                                       |  |
| MAXIMUM                |                       | 192                                | 100                                | 54                                | 47                                     | 31   | 12  | 345   | 6  | 4                                   | 352                                       |  |
| MINIMUM                |                       | 35                                 | 21                                 | 20                                | 27                                     | 16   | 0   | 321   | 6  | 3                                   | 126                                       |  |
| # OF DATA              |                       | 30                                 | 29                                 | 4                                 | 3                                      | 30   | 30  | 30  | 30                                       | 30                                  | 30  |  |
| TOTAL                  |                       | 3227                               | 1472                               | 149                               | 101                                    | 673  | 35  | 9994  | 180                                      | 131                                 | 5415                                      |  |

| 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: Jun-03  
 LaPorte Wastewater Treatment Plant  
 2101 Boyd Boulevard, La Porte IN 46350  
 Phone # (219)362-2354

Permit # IN0025577  
 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 Supernatant (gal x 1000) | Secondary to Storage Tank (gal x 1000) |     |
| 1                | Sun             |                                       |                         |                         |        |                         |                         |      | 96                      |                         |                         |      | 96                      | 19  |                         |                         |      | 48   |                                       |                                       | 0.2                                    |     |
| 2                | Mon             |                                       | 2.99                    | 72.3                    | 665.00 | 1.76                    | 54.4                    | 6.82 | 96                      | 2.18                    | 54.6                    | 6.87 | 96                      | 36  | 5.20                    | 54.3                    | 6.82 | 38   |                                       |                                       | 0.2                                    | 30  |
| 3                | Tue             |                                       |                         |                         |        |                         |                         |      | 96                      |                         |                         |      | 96                      | 18  |                         |                         |      | 26   |                                       |                                       | 0.3                                    | 0   |
| 4                | Wed             |                                       |                         |                         |        |                         |                         |      | 96                      |                         |                         |      | 96                      | 16  |                         |                         |      | 45   |                                       |                                       | 0.3                                    |     |
| 5                | Thu             |                                       |                         |                         |        |                         |                         |      | 96                      |                         |                         |      | 96                      | 17  |                         |                         |      | 45   |                                       |                                       | 0.2                                    |     |
| 6                | Fri             |                                       |                         |                         |        |                         |                         |      | 96                      |                         |                         |      | 96                      | 37  |                         |                         |      | 80   |                                       |                                       | 0.3                                    |     |
| 7                | Sat             |                                       |                         |                         |        |                         |                         |      | 96                      |                         |                         |      | 96                      | 22  |                         |                         |      | 58   | 0.18                                  |                                       | 0.3                                    |     |
| 8                | Sun             |                                       |                         |                         |        |                         |                         |      | 96                      |                         |                         |      | 96                      | 20  |                         |                         |      | 59   | 0.16                                  |                                       | 0.3                                    | 0   |
| 9                | Mon             |                                       | 1.38                    | 67.9                    | 6.83   | 1.68                    | 60.6                    | 6.77 | 96                      | 2.36                    | 52.8                    | 7.28 | 96                      | 35  | 5.94                    | 55.8                    | 7.47 | 25   |                                       |                                       | 0.3                                    | 30  |
| 10               | Tue             |                                       |                         |                         |        |                         |                         |      | 96                      |                         |                         |      | 96                      | 14  |                         |                         |      | 39   |                                       |                                       | 0.3                                    | 0   |
| 11               | Wed             |                                       |                         |                         |        |                         |                         |      | 96                      |                         |                         |      | 96                      | 15  |                         |                         |      | 42   |                                       |                                       | 0.3                                    | 0   |
| 12               | Thu             |                                       |                         |                         |        |                         |                         |      | 96                      |                         |                         |      | 96                      | 33  |                         |                         |      | 80   |                                       |                                       | 0.2                                    | 0   |
| 13               | Fri             |                                       |                         |                         |        |                         |                         |      | 96                      |                         |                         |      | 96                      | 26  |                         |                         |      | 60   |                                       |                                       | 0.2                                    |     |
| 14               | Sat             |                                       |                         |                         |        |                         |                         |      | 96                      |                         |                         |      | 96                      | 21  |                         |                         |      | 53   |                                       |                                       | 0.3                                    |     |
| 15               | Sun             |                                       |                         |                         |        |                         |                         |      | 96                      |                         |                         |      | 96                      | 17  |                         |                         |      | 51   |                                       |                                       | 0.8                                    |     |
| 16               | Mon             |                                       | 2.46                    | 72.2                    | 6.12   | 4.04                    | 54.6                    | 6.82 | 96                      | 1.72                    | 54.9                    | 6.70 | 96                      | 29  | 5.58                    | 54.9                    | 6.83 | 33   |                                       |                                       | 0.6                                    | 27  |
| 17               | Tue             |                                       |                         |                         |        |                         |                         |      | 96                      |                         |                         |      | 96                      | 8   |                         |                         |      | 23   |                                       |                                       | 0.2                                    |     |
| 18               | Wed             |                                       |                         |                         |        |                         |                         |      | 96                      |                         |                         |      | 96                      | 29  |                         |                         |      | 61   |                                       |                                       | 0.2                                    |     |
| 19               | Thu             |                                       |                         |                         |        |                         |                         |      | 96                      |                         |                         |      | 96                      | 23  |                         |                         |      | 64   |                                       |                                       | 0.1                                    |     |
| 20               | Fri             |                                       |                         |                         |        |                         |                         |      | 96                      |                         |                         |      | 96                      | 23  |                         |                         |      | 64   |                                       |                                       | 0.1                                    |     |
| 21               | Sat             |                                       |                         |                         |        |                         |                         |      | 96                      |                         |                         |      | 96                      | 28  |                         |                         |      | 62   | 0.11                                  |                                       | 0.3                                    | 0   |
| 22               | Sun             |                                       |                         |                         |        |                         |                         |      | 96                      |                         |                         |      | 96                      | 20  |                         |                         |      | 38   |                                       |                                       | 0.2                                    |     |
| 23               | Mon             |                                       | 2.48                    | 77.7                    | 6.60   | 1.97                    | 57.8                    | 6.74 | 96                      | 3.92                    | 56.1                    | 6.87 | 96                      | 23  | 5.39                    | 54.1                    | 6.95 | 11   |                                       |                                       | 0.1                                    | 24  |
| 24               | Tue             |                                       |                         |                         |        |                         |                         |      | 96                      |                         |                         |      | 96                      | 18  |                         |                         |      | 16   |                                       |                                       | 0.2                                    | 0   |
| 25               | Wed             |                                       |                         |                         |        |                         |                         |      | 96                      |                         |                         |      | 96                      | 16  |                         |                         |      | 25   |                                       |                                       | 0.1                                    | 0   |
| 26               | Thu             |                                       |                         |                         |        |                         |                         |      | 96                      |                         |                         |      | 96                      | 26  |                         |                         |      | 47   |                                       |                                       | 0.1                                    | 0   |
| 27               | Fri             |                                       |                         |                         |        |                         |                         |      | 96                      |                         |                         |      | 96                      | 12  |                         |                         |      | 26   |                                       |                                       | 0.1                                    | 0   |
| 28               | Sat             |                                       |                         |                         |        |                         |                         |      | 96                      |                         |                         |      | 96                      | 20  |                         |                         |      | 50   |                                       |                                       | 0.1                                    | 0   |
| 29               | Sun             |                                       |                         |                         |        |                         |                         |      | 96                      |                         |                         |      | 96                      | 13  |                         |                         |      | 47   |                                       |                                       | 0.2                                    |     |
| 30               | Mon             |                                       | 2.46                    | 73.0                    | 5.74   | 2.08                    | 49.3                    | 6.83 | 96                      | 2.09                    | 48.7                    | 6.99 | 96                      | 29  | 5.40                    | 52.6                    | 6.87 | 36   |                                       |                                       | 0.4                                    | 29  |
| AVERAGE          |                 |                                       | 2.35                    | 72.6                    | 138.06 | 2.31                    | 55.3                    | 6.80 | 96                      | 2.45                    | 53.4                    | 6.94 | 96                      | 22  | 5.50                    | 54.3                    | 6.99 | 45   | 0.15                                  |                                       | 0.3                                    | 5   |
| MAXIMUM          |                 |                                       | 2.99                    | 77.7                    | 665.00 | 4.04                    | 60.6                    | 6.83 | 96                      | 3.92                    | 56.1                    | 7.28 | 96                      | 37  | 5.94                    | 55.8                    | 7.47 | 80   | 0.18                                  |                                       | 0.8                                    | 30  |
| MINIMUM          |                 |                                       | 1.38                    | 67.9                    | 5.74   | 1.68                    | 49.3                    | 6.74 | 96                      | 1.72                    | 48.7                    | 6.70 | 96                      | 8   | 5.20                    | 52.6                    | 6.82 | 11   | 0.11                                  |                                       | 0.1                                    |     |
| # OF DATA        |                 |                                       | 5                       | 5                       | 5      | 5                       | 5                       | 5    | 30                      | 5                       | 5                       | 5    | 30                      | 30  | 5                       | 5                       | 5    | 30   | 3                                     |                                       | 30                                     | 30  |
| TOTAL            |                 |                                       | 12                      | 363                     | 690    | 12                      | 277                     | 34   | 2881                    | 12                      | 267                     | 35   | 2878                    | 665                                       | 28                      | 272                     | 35   | 1351                                       | 0                                     |                                       | 8                                      | 141 |

# MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

Date: Jun-03

LaPorte Wastewater Treatment Plant

2101 Boyd Boulevard

LaPorte IN, 46350

Phone # (219)362-2354

Page 5 of 6

Permit # IN0025577

Certified Operator : Jerry P Jackson

Certification Number : 11496

## NPDES LIMITS AND ANALYSIS

### Metals and Cyanide Analysis

| INFLUENT                              |                  |           |           |           |           |           |           |           |           | EFFLUENT            |           |           |           |           |           |  |
|---------------------------------------|------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------------------|-----------|-----------|-----------|-----------|-----------|--|
| Method: 24 hour composite             |                  |           |           |           |           |           |           |           |           | Site: Post Cl2 Tank |           |           |           |           |           |  |
| Sample Characteristics                |                  | Cd        | Cr        | Cu        | Pb        | Ni        | Zn        | CN-       | Cd        | Cr                  | Cu        | Pb        | Ni        | Zn        | CN-       |  |
| Sample Number                         |                  | CO1027    | CO1032    | CO1042    | CO1051    | CO1074    | CO1092    | CO0720    | CO1027    | CO1032              | CO1042    | CO1051    | CO1074    | CO1092    | CO0720    |  |
| Sample Type                           | Permit Condition | 24 Hour   | Grab      | 24 Hour   | 24 Hour   | 24 Hour   | 24 Hour   | 24 Hour   | 24 Hour   | Grab                | 24 Hour   | 24 Hour   | 24 Hour   | 24 Hour   | 24 Hour   |  |
|                                       | Monitored        | 24 Hour   | Grab      | 24 Hour   | 24 Hour   | 24 Hour   | 24 Hour   | 24 Hour   | 24 Hour   | Grab                | 24 Hour   | 24 Hour   | 24 Hour   | 24 Hour   | 24 Hour   |  |
| Frequency                             | Permit Condition | 2-31 Days | 2-31 Days | 2-31 Days | 2-31 Days | 2-31 Days | 2-31 Days | 2-31 Days | 2-31 Days | 2-31 Days           | 2-31 Days | 2-31 Days | 2-31 Days | 2-31 Days | 4-31 Days |  |
|                                       | Monitored        | 2-31 Days | 2-31 Days | 2-31 Days | 2-31 Days | 2-31 Days | 2-31 Days | 2-31 Days | 2-31 Days | 2-31 Days           | 2-31 Days | 2-31 Days | 2-31 Days | 2-31 Days | 4-31 Days |  |
| Parameter                             | Daily Maximum    |           |           |           |           |           |           |           | 0.005     | 0.940               | 0.055     | 0.020     | 0.160     | 0.500     | 0.016     |  |
|                                       | Limits           |           |           |           |           |           |           |           | 0.002     | 0.400               | 0.024     | 0.010     | 0.070     | 0.200     | 0.016     |  |
| 1st Date: June 4th, 2003              |                  | <0.0002   | <0.005    | 0.071     | 0.004     | <0.002    | 0.230     | <0.005    | <0.0002   | <0.005              | 0.024     | 0.002     | 0.003     | 0.024     | <0.005    |  |
| 2nd Date: June 11th, 2003             |                  |           |           |           |           |           |           |           |           |                     |           |           |           |           | <0.005    |  |
| 3rd Date: June 18th, 2003             |                  | 0.0002    | 0.006     | 0.056     | 0.011     | 0.008     | 0.110     | <0.005    | <0.0002   | <0.005              | 0.037     | 0.006     | 0.006     | 0.037     | <0.005    |  |
| 4th Date: June 25th, 2003             |                  |           |           |           |           |           |           |           |           |                     |           |           |           |           | <0.005    |  |
| 5th Date:                             |                  |           |           |           |           |           |           |           |           |                     |           |           |           |           |           |  |
| Number of times Limit Value exceeded: |                  | NA        | NA        | NA        | NA        | NA        | NA        | NA        | 0         | 0                   | 1         | 0         | 0         | 0         | 0         |  |
| Average                               |                  | 0.0002    | 0.004     | 0.064     | 0.008     | 0.005     | 0.170     | <0.003    | <0.0001   | <0.003              | 0.031     | 0.004     | 0.005     | 0.031     | <0.003    |  |
| Maximum                               |                  | 0.0002    | 0.006     | 0.071     | 0.011     | 0.008     | 0.230     | <0.005    | <0.0002   | <0.005              | 0.037     | 0.006     | 0.006     | 0.037     | <0.005    |  |

\* We are currently under Agreed Order 2000-9996-W with IDEM to resolve effluent copper concerns.

### Other Permit Analysis

|                | Weekly Av | Monthly | Weekly Av | Monthly | Weekly Av | Monthly | Weekly Av | Monthly | Weekly Av | Monthly | Weekly Av | Monthly | Weekly Av | Monthly | Daily     |      | Daily Max | Mnthly Av   |             |
|----------------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|------|-----------|-------------|-------------|
|                | FLOW      | Average | CBOD      | Average | CBOD      | Average | TSS       | Average | TSS       | Average | NH3-N     | Average | NH3-N     | Average | Dissolved | pH   | Chlorine  | Escherichia | Escherichia |
|                | in        | in      | in        | in      | in        | in      | in        | in      | in        | in      | in        | in      | in        | in      | mg/L      | mg/L | mg/L      | (Colonies   | (Colonies   |
|                | MGD       | MGD     | mg/L      | mg/L    | lbs/Day   | lbs/Day | mg/L      | mg/L    | mg/L      | mg/L    | mg/L      | mg/L    | mg/L      | mg/L    | mg/L      | mg/L | mg/L      | /100mL)     | /100mL)     |
| Limit          | None      | None    | 30        | 20      | 1751      | 1168    | 36        | 24      | 2102      | 1401    | 2.40      | 1.60    | 140       | 95      | 6.0       | 6-9  | 0.01      | 235         | 125         |
| Times Violated | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0    | 0         | 0           | 0           |
| Max            | 3.4       | 2.9     | 3         | 3       | 104       | 81      | 10        | 8       | 267       | 208     | 0.47      | 0.41    | 14        | 11      | 8.0       | 7.99 | < 0.006   | 55          | 14          |
| 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: Jun-03  
 LaPorte Wastewater Treatment Plant  
 2101 Boyd Boulevard, La Porte IN 46350  
 Phone # (219)362-2354

Page 6 of 6  
 Permit # IN0025577  
 Certified Operator : Jerry P Jackson  
 Certification Number : 11496

Total lbs Volatile Solids to Digester 3,200

Overall Percent Removal of Volatile Solids 55.1%

#### Monthly Removal Summary

| Percent Removal            | CBOD       | TSS        | AMMONIA    |
|----------------------------|------------|------------|------------|
| <b>Primary Treatment</b>   | 38%        | 47%        | 9%         |
| <b>Secondary Treatment</b> | 84%        | 62%        | 72%        |
| <b>Tertiary Treatment</b>  | 79%        | 66%        | 93%        |
| <b>Overall Treatment</b>   | <b>98%</b> | <b>93%</b> | <b>98%</b> |

Equivalent Population Treated in (lbs Raw CBOD per Day / 0.17) 22,082

Rotary Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 459

| Detention Time (Hours)            | Maximum | Minimum | Average |
|-----------------------------------|---------|---------|---------|
| <b>Primary Settling Tank</b>      | 6.0     | 2.4     | 4.1     |
| <b>Secondary Settling Tank</b>    | 4.4     | 1.8     | 3.0     |
| <b>Final Settling Tank</b>        | 13.8    | 5.5     | 9.5     |
| <b>Total Plant Retention Time</b> | 24.2    | 9.7     | 16.7    |

Fixed Bed Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 89

Biotower Filter Hydraulic Loading Rate (Gallons / Day / Sq Ft) 1,070

Rotary Filter Organic Loading Rate (lbs CBOD / 1000 Cu Ft / Day) 21

| Surface Flow Rate              | Maximum | Minimum | Average |
|--------------------------------|---------|---------|---------|
| <b>Primary Settling Tank</b>   | 634     | 255     | 368     |
| <b>Secondary Settling Tank</b> | 837     | 336     | 486     |
| <b>Final Settling Tank</b>     | 427     | 171     | 248     |

Fixed Bed Filter Organic Loading Rate (lbs CBOD / 1000 Cu Ft / Day) 4

Biotower Filter Organic Loading Rate (lbs CBOD / 1000 Cu Ft / Day) 2

| Weir OverFlow Rate             | Maximum | Minimum | Average |
|--------------------------------|---------|---------|---------|
| <b>1000 Gal per ft per Day</b> |         |         |         |
| <b>Primary Settling Tank</b>   | 12      | 5       | 7       |
| <b>Secondary Settling Tank</b> | 10      | 4       | 6       |
| <b>Final Settling Tank</b>     | 10      | 4       | 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:

June 24th - The sulfur dioxide usage, as measured by the difference in consecutive days scale readings, was unexpectedly zero for the 24th. It is believed that the scale "stuck" on this day, resulting in an erroneous measurement. All chlorine residual measurements for this day had the result of less than detection, so it is believed that the dechlorination system was working properly. Additionally, the SCADA records show that the sulfur dioxide feed control valve was operating in the normal fashion.

June 8th - On emergency power, 8:00 pm to 8:39 pm

June 17th - Primary Clarifier #4 offline for maintenance. Back in service June 18th

June 18th - Primary Clarifier #3 offline for maintenance. Back in service June 20th

June 24th - Primary Clarifier #2 offline for maintenance. Back in service June 27th

June 8th, 24th - Load test of emergency power successful

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, imprisonment for knowing violations.

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

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



NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
CSO DISCHARGE MONITORING REPORT (CSO DMR)

STATE FORM 50546 (9-01)

| City: <b>La Porte</b>   |             |                   |                           |                            | Page: 1 of 1  |        |                        |                 |                      |                     |                      |        |                        |        |                      |        |  |  |  |
|---|-------------|-------------------|---------------------------|----------------------------|---|--------|------------------------|-----------------|----------------------|---------------------|----------------------|--------|------------------------|--------|----------------------|--------|--|--|--|
| Facility: <b>La Porte Wastewater Treatment Facility</b>   |             |                   |                           |                            | Permit Number: <b>IN0025577</b>                       |        |                        |                 |                      |                     |                      |        |                        |        |                      |        |  |  |  |
| Monitoring Period: (MM/DD/YY to MM/DD/YY)   |             |                   | 06/01/2003 06/30/2003     |                            | Check box if no CSO discharge occurred for the month: |        |                        | <b>X</b>        |                      |                     |                      |        |                        |        |                      |        |  |  |  |
| Design Peak Inf. Flow(MGD)  |             | <b>9.7</b>        |                           |                            |   |        |                        |                 |                      |                     |                      |        |                        |        |                      |        |  |  |  |
| Measured/Metered (M) or Estimated (E) must be specified.(Please attach methods used.)   |             |                   |                           |                            |   |        |                        |                 |                      |                     |                      |        |                        |        |                      |        |  |  |  |
| Day of Month  | Day of Week | Precip. in Inches | Avg Infl. Flow Rate (MGD) | Peak Infl. Flow Rate (MGD) | CSO Outfall No. <b>002</b>                            |        |                        | CSO Outfall No. |                      |                     | CSO Outfall No.      |        |                        |        |                      |        |  |  |  |
|   |             |                   |                           |                            | Time Discharge Began                                  | M or E | Event Duration (Hours) | M or E          | Event Discharge (MG) | M or E              | Time Discharge Began | M or E | Event Duration (Hours) | M or E | Event Discharge (MG) | M or E |  |  |  |
| 1   | Sun         |                   | 2.78                      | 4.24                       |   |        |                        |                 |                      |                     |                      |        |                        |        |                      |        |  |  |  |
| 2   | Mon         | 0.03              | 3.18                      | 3.94                       |   |        |                        |                 |                      |                     |                      |        |                        |        |                      |        |  |  |  |
| 3   | Tue         | 0.47              | 4.79                      | 10.14                      |   |        |                        |                 |                      |                     |                      |        |                        |        |                      |        |  |  |  |
| 4   | Wed         | 0.01              | 3.19                      | 4.01                       |   |        |                        |                 |                      |                     |                      |        |                        |        |                      |        |  |  |  |
| 5   | Thu         |                   | 3.57                      | 4.59                       |   |        |                        |                 |                      |                     |                      |        |                        |        |                      |        |  |  |  |
| 6   | Fri         | 0.08              | 4.03                      | 5.64                       |   |        |                        |                 |                      |                     |                      |        |                        |        |                      |        |  |  |  |
| 7   | Sat         |                   | 2.50                      | 4.06                       |   |        |                        |                 |                      |                     |                      |        |                        |        |                      |        |  |  |  |
| 8   | Sun         | 0.23              | 2.74                      | 9.72                       |   |        |                        |                 |                      |                     |                      |        |                        |        |                      |        |  |  |  |
| 9   | Mon         |                   | 2.21                      | 3.41                       |   |        |                        |                 |                      |                     |                      |        |                        |        |                      |        |  |  |  |
| 10  | Tue         | 0.05              | 2.27                      | 3.59                       |   |        |                        |                 |                      |                     |                      |        |                        |        |                      |        |  |  |  |
| 11  | Wed         | 0.03              | 2.46                      | 4.22                       |   |        |                        |                 |                      |                     |                      |        |                        |        |                      |        |  |  |  |
| 12  | Thu         | 0.22              | 5.07                      | 10.04                      |   |        |                        |                 |                      |                     |                      |        |                        |        |                      |        |  |  |  |
| 13  | Fri         | 0.15              | 3.91                      | 8.96                       |   |        |                        |                 |                      |                     |                      |        |                        |        |                      |        |  |  |  |
| 14  | Sat         |                   | 3.14                      | 4.50                       |   |        |                        |                 |                      |                     |                      |        |                        |        |                      |        |  |  |  |
| 15  | Sun         |                   | 2.97                      | 4.54                       |   |        |                        |                 |                      |                     |                      |        |                        |        |                      |        |  |  |  |
| 16  | Mon         |                   | 2.33                      | 3.90                       |   |        |                        |                 |                      |                     |                      |        |                        |        |                      |        |  |  |  |
| 17  | Tue         |                   | 2.13                      | 2.57                       |   |        |                        |                 |                      |                     |                      |        |                        |        |                      |        |  |  |  |
| 18  | Wed         | 0.44              | 3.41                      | 10.06                      |   |        |                        |                 |                      |                     |                      |        |                        |        |                      |        |  |  |  |
| 19  | Thu         |                   | 4.22                      | 6.74                       |   |        |                        |                 |                      |                     |                      |        |                        |        |                      |        |  |  |  |
| 20  | Fri         |                   | 3.87                      | 4.49                       |   |        |                        |                 |                      |                     |                      |        |                        |        |                      |        |  |  |  |
| 21  | Sat         |                   | 3.02                      | 4.56                       |   |        |                        |                 |                      |                     |                      |        |                        |        |                      |        |  |  |  |
| 22  | Sun         |                   | 2.10                      | 3.11                       |   |        |                        |                 |                      |                     |                      |        |                        |        |                      |        |  |  |  |
| 23  | Mon         |                   | 2.18                      | 2.86                       |   |        |                        |                 |                      |                     |                      |        |                        |        |                      |        |  |  |  |
| 24  | Tue         |                   | 2.14                      | 2.72                       |   |        |                        |                 |                      |                     |                      |        |                        |        |                      |        |  |  |  |
| 25  | Wed         |                   | 2.28                      | 2.99                       |   |        |                        |                 |                      |                     |                      |        |                        |        |                      |        |  |  |  |
| 26  | Thu         | 0.2               | 2.77                      | 9.03                       |   |        |                        |                 |                      |                     |                      |        |                        |        |                      |        |  |  |  |
| 27  | Fri         |                   | 2.09                      | 2.62                       |   |        |                        |                 |                      |                     |                      |        |                        |        |                      |        |  |  |  |
| 28  | Sat         | 0.16              | 2.25                      | 3.90                       |   |        |                        |                 |                      |                     |                      |        |                        |        |                      |        |  |  |  |
| 29  | Sun         |                   | 2.04                      | 4.00                       |   |        |                        |                 |                      |                     |                      |        |                        |        |                      |        |  |  |  |
| 30  | Mon         |                   | 2.69                      | 4.17                       |   |        |                        |                 |                      |                     |                      |        |                        |        |                      |        |  |  |  |
| 31  |             |                   |                           |                            |   |        |                        |                 |                      |                     |                      |        |                        |        |                      |        |  |  |  |
| Totals:   |             | 2.07              | n/a                       | n/a                        | n/a   |        | 0.0                    | 0.00            |                      |                     |                      |        |                        |        |                      |        |  |  |  |
| Typed or Printed Name and Title of Principal Executive Officer of Authorized Agent  |             |                   |                           |                            |   |        |                        |                 |                      | Telephone           |                      |        |                        |        |                      |        |  |  |  |
| <b>Jerry P Jackson, Superintendent</b>  |             |                   |                           |                            |   |        |                        |                 |                      | <b>219-362-2354</b> |                      |        |                        |        |                      |        |  |  |  |
| I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHEMENTS WERE PREPARED UNDER MY DIRECTION OF 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 IS, 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 FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS. |             |                   |                           |                            |   |        |                        |                 |                      |                     |                      |        |                        |        |                      |        |  |  |  |
| Signature of Principal Executive Officer or Authorized Agent  |             |                   |                           |                            |   |        |                        |                 |                      |                     |                      |        |                        |        | Date                 |        |  |  |  |
|   |             |                   |                           |                            |   |        |                        |                 |                      |                     |                      |        |                        |        | <b>04/01/2004</b>    |        |  |  |  |