

Municipality of West Elgin - Tri County Water System

Goto:

Month:

Year:

Date is Set to: **October-16**

| Limit                             | Low  | High    |                |
|-----------------------------------|------|---------|----------------|
| Raw Water Chlorine Residual:      | 0.00 | 5.00    | mg/L           |
| Pre-Strainer Chlorine Residual:   | 0.00 | 5.00    | mg/L           |
| UV Inlet Chlorine Residual:       | 0.00 | 5.00    | mg/L           |
| Post Treatment Chlorine Residual: | 1.00 | 5.00    | mg/L           |
| Treated Chlorine Residual:        | 1.00 | 2.50    | mg/L           |
| Distribution Chlorine Residual:   | 1.00 | 2.50    | mg/L           |
| Limit                             |      | High    |                |
| WTP C of A                        |      | 156.0   | L/s            |
| WTP Permit to Take Water          |      | 13500.0 | m <sup>3</sup> |
| Limit                             | Low  | High    |                |
| System Pressure Limits:           | 50.0 | 1034.0  | Kpa            |

Compliance Report

Low Lift Monthly Report

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Membranes Monthly Report

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UV System Monthly Report

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Plant Quality Report

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Raw Well/Treated Storage Report

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High Lift Monthly Report

>>>

Operational Report

Low Lift Monthly Report

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High Lift Monthly Report

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Chemical Usage Monthly Report

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Runtimes Report

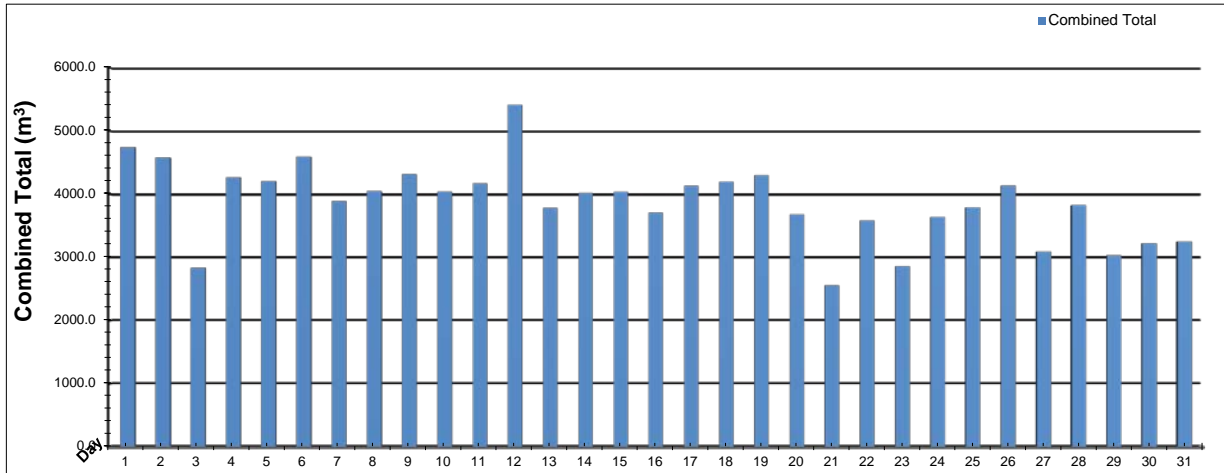
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Plant Internal Flow Report

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# Low Lift Monthly Report

Month: October-16



| Date           | Combined Total (m³) | West Train FIT-1017 (m³) | West Peak Flow FIT-1017 (L/s) | East Train FIT-1027 (m³) | East Peak Flow FIT-1027 (L/s) | Combined Peak Flow (L/s) |
|----------------|---------------------|--------------------------|-------------------------------|--------------------------|-------------------------------|--------------------------|
| 1              | 4744.5              | 0.0                      | 0.0                           | 4744.5                   | 130.1                         | 130.1                    |
| 2              | 4578.3              | 0.0                      | 0.0                           | 4578.3                   | 83.8                          | 83.8                     |
| 3              | 2833.8              | 0.0                      | 0.0                           | 2833.8                   | 85.0                          | 85.0                     |
| 4              | 4269.4              | 0.0                      | 0.0                           | 4269.4                   | 84.7                          | 84.7                     |
| 5              | 4208.8              | 0.0                      | 0.0                           | 4208.8                   | 85.2                          | 85.2                     |
| 6              | 4590.9              | 0.0                      | 0.0                           | 4590.9                   | 85.0                          | 85.0                     |
| 7              | 3890.8              | 0.0                      | 0.0                           | 3890.8                   | 84.8                          | 84.8                     |
| 8              | 4049.0              | 0.0                      | 0.0                           | 4049.0                   | 85.3                          | 85.3                     |
| 9              | 4317.3              | 0.0                      | 0.0                           | 4317.3                   | 86.5                          | 86.5                     |
| 10             | 4040.9              | 0.0                      | 0.0                           | 4040.9                   | 84.3                          | 84.3                     |
| 11             | 4170.5              | 0.0                      | 0.0                           | 4170.5                   | 84.8                          | 84.8                     |
| 12             | 5418.0              | 0.0                      | 0.0                           | 5418.0                   | 84.5                          | 84.5                     |
| 13             | 3786.1              | 0.0                      | 0.0                           | 3786.1                   | 86.2                          | 86.2                     |
| 14             | 4021.8              | 0.0                      | 0.0                           | 4021.8                   | 85.3                          | 85.3                     |
| 15             | 4039.4              | 0.0                      | 0.0                           | 4039.4                   | 86.4                          | 86.4                     |
| 16             | 3705.8              | 0.0                      | 0.0                           | 3705.8                   | 86.3                          | 86.3                     |
| 17             | 4128.8              | 0.0                      | 0.0                           | 4128.8                   | 86.1                          | 86.1                     |
| 18             | 4202.6              | 0.0                      | 0.0                           | 4202.6                   | 85.2                          | 85.2                     |
| 19             | 4297.7              | 0.0                      | 0.0                           | 4297.7                   | 86.6                          | 86.6                     |
| 20             | 3684.5              | 3074.4                   | 87.9                          | 610.1                    | 86.8                          | 87.9                     |
| 21             | 2555.2              | 2555.2                   | 88.3                          | 0.0                      | 0.0                           | 88.3                     |
| 22             | 3584.1              | 3584.1                   | 87.7                          | 0.0                      | 0.0                           | 87.7                     |
| 23             | 2859.2              | 2859.2                   | 126.5                         | 0.0                      | 0.0                           | 126.5                    |
| 24             | 3641.9              | 3641.9                   | 127.2                         | 0.0                      | 0.0                           | 127.2                    |
| 25             | 3796.8              | 3796.8                   | 89.4                          | 0.0                      | 0.0                           | 89.4                     |
| 26             | 4135.6              | 4135.6                   | 86.6                          | 0.0                      | 0.0                           | 86.6                     |
| 27             | 3089.6              | 3089.6                   | 88.9                          | 0.0                      | 0.0                           | 88.9                     |
| 28             | 3824.8              | 3824.8                   | 88.2                          | 0.0                      | 0.0                           | 88.2                     |
| 29             | 3033.2              | 3033.2                   | 87.7                          | 0.0                      | 0.0                           | 87.7                     |
| 30             | 3224.1              | 3224.1                   | 87.7                          | 0.0                      | 0.0                           | 87.7                     |
| 31             | 3247.6              | 3247.6                   | 87.8                          | 0.0                      | 0.0                           | 87.8                     |
| <b>Total</b>   | <b>119970.9</b>     | <b>40066.4</b>           |                               | <b>79904.5</b>           |                               |                          |
| <b>Average</b> | <b>3870.0</b>       | <b>1292.5</b>            | <b>36.6</b>                   | <b>2577.6</b>            | <b>56.5</b>                   | <b>90.3</b>              |
| <b>Maximum</b> | <b>5418.0</b>       | <b>4135.6</b>            | <b>127.23</b>                 | <b>5418.0</b>            | <b>130.10</b>                 | <b>130.10</b>            |
| <b>Date</b>    | <b>12-Oct</b>       | <b>26-Oct</b>            | <b>24-Oct</b>                 | <b>12-Oct</b>            | <b>1-Oct</b>                  | <b>1-Oct</b>             |
| <b>Minimum</b> | <b>2555.2</b>       | <b>0.0</b>               | <b>0.00</b>                   | <b>0.0</b>               | <b>0.00</b>                   | <b>83.84</b>             |
| <b>Date</b>    | <b>21-Oct</b>       | <b>16-Oct</b>            | <b>1-Oct</b>                  | <b>27-Oct</b>            | <b>21-Oct</b>                 | <b>2-Oct</b>             |

Notes:

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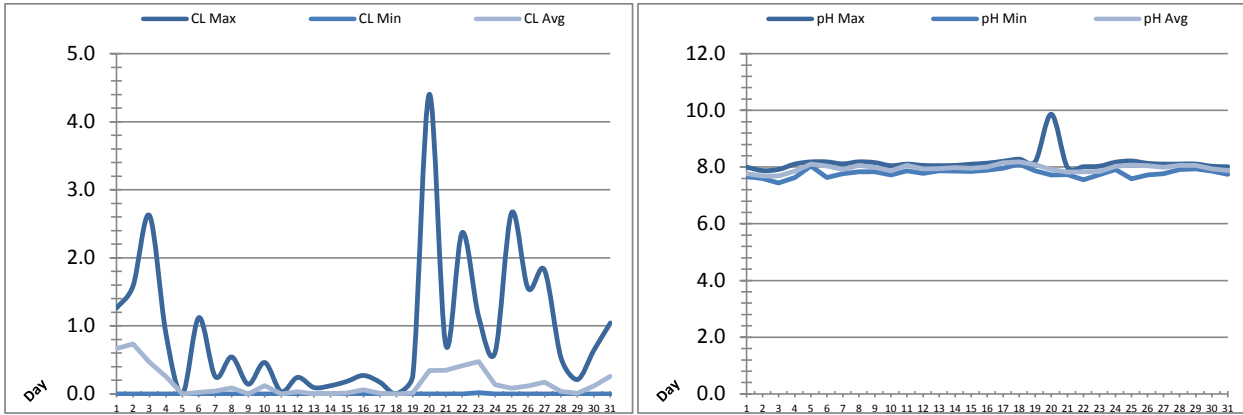
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# Low Lift Monthly Report

Month: October-16



| Date         | Raw Water Chlorine Residual |         |         | Raw Water pH |         |         |
|--------------|-----------------------------|---------|---------|--------------|---------|---------|
|              | AIT_1401_CL (mg/L)          |         |         | AIT_1401_PH  |         |         |
|              | Maximum                     | Minimum | Average | Maximum      | Minimum | Average |
| 1            | 1.26                        | 0.00    | 0.67    | 8.00         | 7.66    | 7.77    |
| 2            | 1.59                        | 0.00    | 0.73    | 7.88         | 7.59    | 7.69    |
| 3            | 2.62                        | 0.00    | 0.47    | 7.92         | 7.44    | 7.68    |
| 4            | 0.89                        | 0.00    | 0.25    | 8.11         | 7.64    | 7.86    |
| 5            | 0.00                        | 0.00    | 0.00    | 8.18         | 8.03    | 8.10    |
| 6            | 1.12                        | 0.00    | 0.03    | 8.18         | 7.63    | 8.04    |
| 7            | 0.25                        | 0.00    | 0.04    | 8.11         | 7.77    | 7.92    |
| 8            | 0.54                        | 0.00    | 0.09    | 8.19         | 7.83    | 8.06    |
| 9            | 0.14                        | 0.00    | 0.00    | 8.16         | 7.83    | 8.00    |
| 10           | 0.46                        | 0.00    | 0.12    | 8.05         | 7.72    | 7.86    |
| 11           | 0.03                        | 0.00    | 0.00    | 8.10         | 7.87    | 8.06    |
| 12           | 0.24                        | 0.00    | 0.03    | 8.06         | 7.78    | 7.94    |
| 13           | 0.09                        | 0.00    | 0.00    | 8.05         | 7.86    | 7.95    |
| 14           | 0.12                        | 0.00    | 0.00    | 8.06         | 7.86    | 7.98    |
| 15           | 0.18                        | 0.00    | 0.01    | 8.10         | 7.85    | 7.96    |
| 16           | 0.27                        | 0.00    | 0.06    | 8.14         | 7.89    | 8.00    |
| 17           | 0.17                        | 0.00    | 0.01    | 8.21         | 7.96    | 8.15    |
| 18           | 0.00                        | 0.00    | 0.00    | 8.28         | 8.11    | 8.19    |
| 19           | 0.27                        | 0.00    | 0.02    | 8.20         | 7.87    | 8.09    |
| 20           | 4.40                        | 0.00    | 0.34    | 9.86         | 7.72    | 7.91    |
| 21           | 0.72                        | 0.00    | 0.35    | 7.99         | 7.73    | 7.83    |
| 22           | 2.37                        | 0.00    | 0.41    | 8.01         | 7.55    | 7.84    |
| 23           | 1.13                        | 0.02    | 0.47    | 8.03         | 7.73    | 7.85    |
| 24           | 0.61                        | 0.00    | 0.14    | 8.17         | 7.91    | 8.02    |
| 25           | 2.66                        | 0.00    | 0.09    | 8.21         | 7.59    | 8.07    |
| 26           | 1.55                        | 0.00    | 0.12    | 8.13         | 7.73    | 8.04    |
| 27           | 1.82                        | 0.00    | 0.17    | 8.11         | 7.76    | 7.99    |
| 28           | 0.53                        | 0.00    | 0.03    | 8.11         | 7.91    | 8.06    |
| 29           | 0.21                        | 0.00    | 0.01    | 8.11         | 7.94    | 8.06    |
| 30           | 0.64                        | 0.00    | 0.12    | 8.03         | 7.86    | 7.94    |
| 31           | 1.04                        | 0.00    | 0.26    | 8.01         | 7.75    | 7.88    |
| <b>Total</b> |                             |         |         |              |         |         |
| Average      | 0.90                        | 0.00    | 0.16    | 8.15         | 7.79    | 7.96    |
| Maximum      | 4.40                        |         | 0.73    | 9.86         |         | 8.19    |
| Date         | 20-Oct                      |         | 2-Oct   | 20-Oct       |         | 18-Oct  |
| Minimum      |                             | 0.00    | 0.00    |              | 7.44    | 7.68    |
| Date         |                             | 1-Oct   | 5-Oct   |              | 3-Oct   | 3-Oct   |

Notes:

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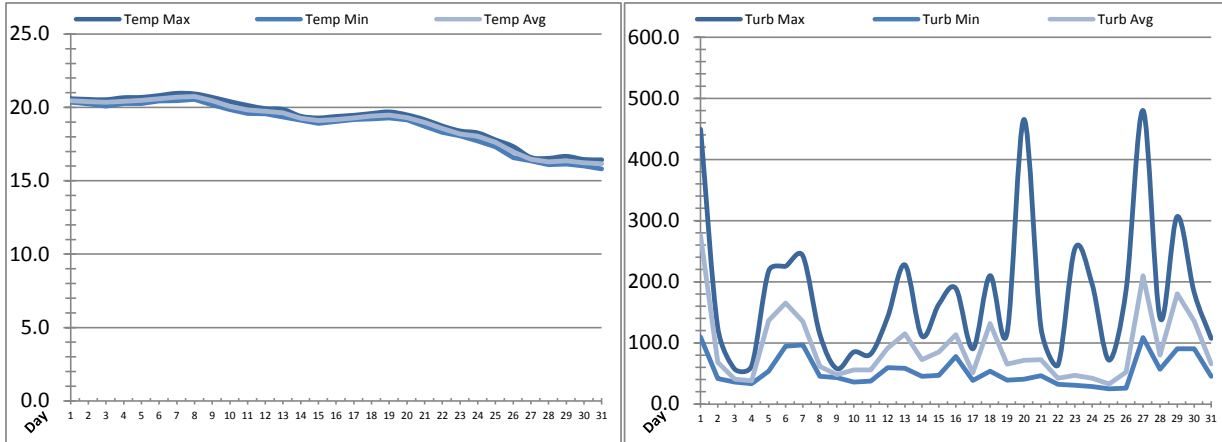
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# Low Lift Monthly Report

Month: October-16



| Date    | Raw Water Temperature |         |         | Raw Water Turbidity |         |         |
|---------|-----------------------|---------|---------|---------------------|---------|---------|
|         | TIT_1403 (°C)         |         |         | AIT_1404 (NTU)      |         |         |
|         | Maximum               | Minimum | Average | Maximum             | Minimum | Average |
| 1       | 20.6                  | 20.3    | 20.5    | 449.27              | 109.80  | 276.06  |
| 2       | 20.5                  | 20.2    | 20.4    | 126.11              | 41.59   | 68.57   |
| 3       | 20.5                  | 20.1    | 20.3    | 57.13               | 36.19   | 40.78   |
| 4       | 20.7                  | 20.3    | 20.4    | 62.60               | 33.09   | 37.80   |
| 5       | 20.7                  | 20.3    | 20.5    | 217.73              | 53.99   | 136.50  |
| 6       | 20.8                  | 20.4    | 20.6    | 225.49              | 94.42   | 165.24  |
| 7       | 21.0                  | 20.5    | 20.7    | 242.57              | 96.66   | 134.96  |
| 8       | 20.9                  | 20.5    | 20.7    | 114.56              | 45.53   | 61.81   |
| 9       | 20.7                  | 20.2    | 20.5    | 57.96               | 43.16   | 48.09   |
| 10      | 20.4                  | 19.8    | 20.1    | 85.09               | 36.19   | 55.81   |
| 11      | 20.1                  | 19.6    | 19.8    | 81.97               | 37.71   | 55.99   |
| 12      | 19.9                  | 19.6    | 19.7    | 143.18              | 59.43   | 91.31   |
| 13      | 19.9                  | 19.3    | 19.6    | 227.67              | 58.68   | 115.09  |
| 14      | 19.4                  | 19.1    | 19.3    | 111.34              | 45.45   | 72.69   |
| 15      | 19.3                  | 18.9    | 19.1    | 163.33              | 46.98   | 85.33   |
| 16      | 19.4                  | 19.0    | 19.2    | 188.90              | 78.01   | 113.42  |
| 17      | 19.5                  | 19.2    | 19.3    | 90.45               | 38.51   | 51.22   |
| 18      | 19.6                  | 19.2    | 19.4    | 209.94              | 53.99   | 131.77  |
| 19      | 19.7                  | 19.3    | 19.5    | 115.27              | 39.29   | 65.41   |
| 20      | 19.5                  | 19.2    | 19.3    | 465.47              | 40.84   | 71.81   |
| 21      | 19.2                  | 18.7    | 19.0    | 124.51              | 46.18   | 72.85   |
| 22      | 18.7                  | 18.3    | 18.6    | 64.04               | 32.22   | 41.98   |
| 23      | 18.4                  | 18.1    | 18.2    | 254.75              | 30.68   | 46.92   |
| 24      | 18.3                  | 17.7    | 18.0    | 196.57              | 28.36   | 42.44   |
| 25      | 17.8                  | 17.3    | 17.6    | 71.75               | 25.21   | 32.54   |
| 26      | 17.3                  | 16.6    | 17.0    | 186.38              | 25.92   | 52.29   |
| 27      | 16.6                  | 16.4    | 16.5    | 480.00              | 108.84  | 209.66  |
| 28      | 16.5                  | 16.1    | 16.3    | 140.62              | 56.94   | 79.81   |
| 29      | 16.7                  | 16.1    | 16.4    | 306.52              | 90.25   | 180.39  |
| 30      | 16.5                  | 16.0    | 16.2    | 182.57              | 90.26   | 135.21  |
| 31      | 16.4                  | 15.8    | 16.2    | 107.46              | 45.30   | 65.81   |
| Total   |                       |         |         |                     |         |         |
| Average | 19.2                  | 18.8    | 19.0    | 179.1               | 53.9    | 91.6    |
| Maximum | 21.0                  |         | 20.7    | 480.0               |         | 276.1   |
| Date    | 7-Oct                 |         | 8-Oct   | 27-Oct              |         | 1-Oct   |
| Minimum |                       | 15.8    | 16.2    |                     | 25.2    | 32.5    |
| Date    |                       | 31-Oct  | 31-Oct  |                     | 25-Oct  | 25-Oct  |

Notes:

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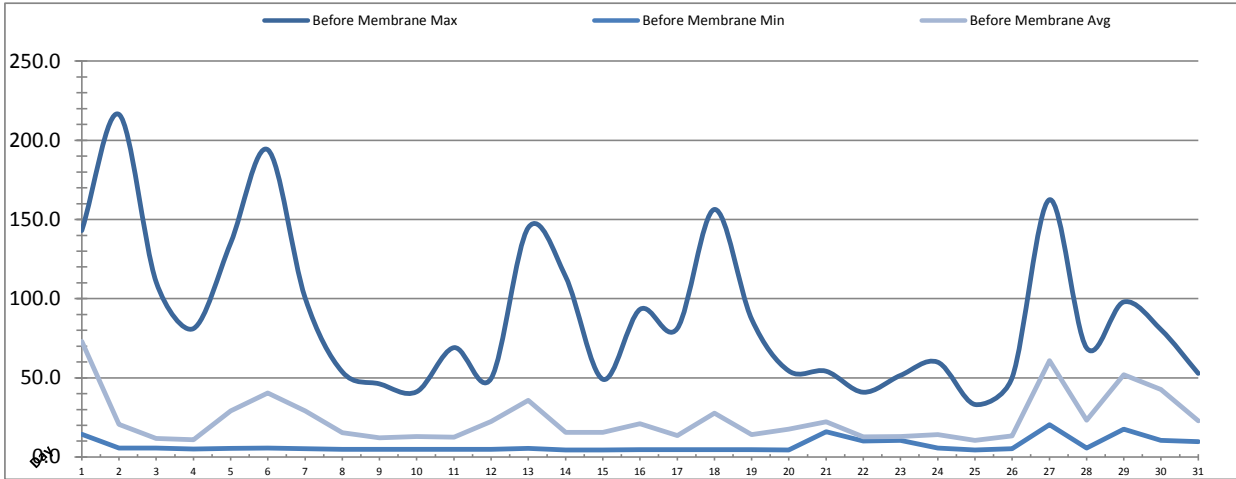
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# Membranes Monthly Report

Month: October-16



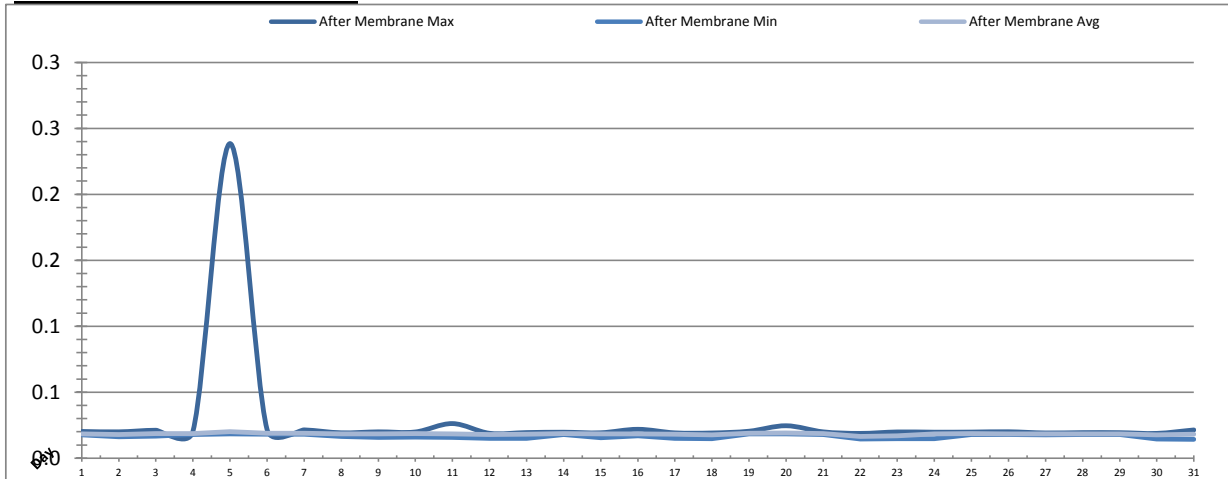
| Date    | Turbidity Before Membrane      |         |         | Rack #1 Turbidity      |         |         | Rack #2 Turbidity      |         |         |
|---------|--------------------------------|---------|---------|------------------------|---------|---------|------------------------|---------|---------|
|         | PALL_FEED_AIT2006_Value<br>NTU |         |         | RACK1_NTU_Value<br>NTU |         |         | RACK2_NTU_Value<br>NTU |         |         |
|         | Maximum                        | Minimum | Average | Maximum                | Minimum | Average | Maximum                | Minimum | Average |
| 1       | 143.01                         | 14.42   | 73.07   | 0.03                   | 0.01    | 0.01    | 0.01                   | 0.01    | 0.01    |
| 2       | 216.35                         | 5.59    | 20.52   | 0.02                   | 0.01    | 0.01    | 0.01                   | 0.01    | 0.01    |
| 3       | 110.43                         | 5.69    | 11.62   | 0.03                   | 0.01    | 0.01    | 0.01                   | 0.01    | 0.01    |
| 4       | 81.10                          | 5.02    | 10.99   | 0.02                   | 0.01    | 0.01    | 0.01                   | 0.01    | 0.01    |
| 5       | 135.10                         | 5.38    | 29.03   | 0.17                   | 0.01    | 0.01    | 0.02                   | 0.01    | 0.01    |
| 6       | 194.01                         | 5.59    | 40.41   | 0.07                   | 0.01    | 0.01    | 0.01                   | 0.01    | 0.01    |
| 7       | 100.60                         | 5.30    | 29.16   | 0.01                   | 0.01    | 0.01    | 0.01                   | 0.01    | 0.01    |
| 8       | 53.78                          | 4.92    | 15.41   | 0.01                   | 0.01    | 0.01    | 0.01                   | 0.01    | 0.01    |
| 9       | 46.16                          | 4.88    | 12.12   | 0.01                   | 0.01    | 0.01    | 0.01                   | 0.01    | 0.01    |
| 10      | 41.22                          | 4.79    | 12.95   | 0.01                   | 0.01    | 0.01    | 0.01                   | 0.01    | 0.01    |
| 11      | 69.05                          | 4.81    | 12.60   | 0.01                   | 0.01    | 0.01    | 0.02                   | 0.01    | 0.01    |
| 12      | 49.64                          | 4.90    | 22.46   | 0.01                   | 0.01    | 0.01    | 0.01                   | 0.01    | 0.01    |
| 13      | 144.96                         | 5.43    | 35.74   | 0.01                   | 0.01    | 0.01    | 0.01                   | 0.01    | 0.01    |
| 14      | 114.00                         | 4.45    | 15.50   | 0.01                   | 0.01    | 0.01    | 0.01                   | 0.01    | 0.01    |
| 15      | 49.09                          | 4.45    | 15.56   | 0.01                   | 0.01    | 0.01    | 0.01                   | 0.01    | 0.01    |
| 16      | 93.24                          | 4.73    | 21.04   | 0.01                   | 0.01    | 0.01    | 0.01                   | 0.01    | 0.01    |
| 17      | 81.12                          | 4.67    | 13.55   | 0.01                   | 0.01    | 0.01    | 0.01                   | 0.01    | 0.01    |
| 18      | 156.34                         | 4.55    | 27.73   | 0.01                   | 0.01    | 0.01    | 0.01                   | 0.01    | 0.01    |
| 19      | 87.05                          | 4.55    | 14.09   | 0.01                   | 0.01    | 0.01    | 0.01                   | 0.01    | 0.01    |
| 20      | 54.33                          | 4.47    | 17.55   | 0.99                   | 0.01    | 0.02    | 0.02                   | 0.01    | 0.01    |
| 21      | 54.17                          | 15.90   | 22.28   | 0.01                   | 0.01    | 0.01    | 0.01                   | 0.01    | 0.01    |
| 22      | 40.90                          | 10.11   | 12.71   | 0.01                   | 0.01    | 0.01    | 0.01                   | 0.01    | 0.01    |
| 23      | 51.54                          | 10.48   | 12.95   | 0.02                   | 0.01    | 0.01    | 0.01                   | 0.01    | 0.01    |
| 24      | 59.89                          | 5.59    | 14.05   | 0.01                   | 0.01    | 0.01    | 0.01                   | 0.00    | 0.01    |
| 25      | 33.17                          | 4.41    | 10.41   | 0.01                   | 0.01    | 0.01    | 0.01                   | 0.01    | 0.01    |
| 26      | 50.19                          | 5.20    | 13.24   | 0.01                   | 0.01    | 0.01    | 0.01                   | 0.01    | 0.01    |
| 27      | 162.47                         | 20.49   | 60.82   | 0.01                   | 0.01    | 0.01    | 0.01                   | 0.01    | 0.01    |
| 28      | 68.89                          | 5.57    | 23.21   | 0.01                   | 0.01    | 0.01    | 0.01                   | 0.01    | 0.01    |
| 29      | 97.93                          | 17.51   | 51.94   | 0.01                   | 0.01    | 0.01    | 0.01                   | 0.01    | 0.01    |
| 30      | 80.42                          | 10.44   | 42.61   | 0.01                   | 0.01    | 0.01    | 0.01                   | 0.01    | 0.01    |
| 31      | 52.80                          | 9.67    | 22.82   | 0.01                   | 0.01    | 0.01    | 0.01                   | 0.01    | 0.01    |
| Total   |                                |         |         |                        |         |         |                        |         |         |
| Average | 89.5                           | 7.2     | 23.8    | 0.050                  | 0.008   | 0.009   | 0.011                  | 0.008   | 0.009   |
| Maximum | 216.3                          |         | 73.1    | 0.991                  |         | 0.020   | 0.022                  |         | 0.009   |
| Date    | 2-Oct                          |         | 1-Oct   | 20-Oct                 |         | 20-Oct  | 20-Oct                 |         | 29-Oct  |
| Minimum |                                | 4.4     | 10.4    |                        | 0.008   | 0.008   |                        | 0.005   | 0.008   |
| Date    |                                | 25-Oct  | 25-Oct  |                        | 1-Oct   | 15-Oct  |                        | 24-Oct  | 23-Oct  |

**Notes:**

Rack 1: 5th >0.1ntu for 7min; 20th >0.1ntu for 20min post EFM

# Membranes Monthly Report

Month: **October-16**



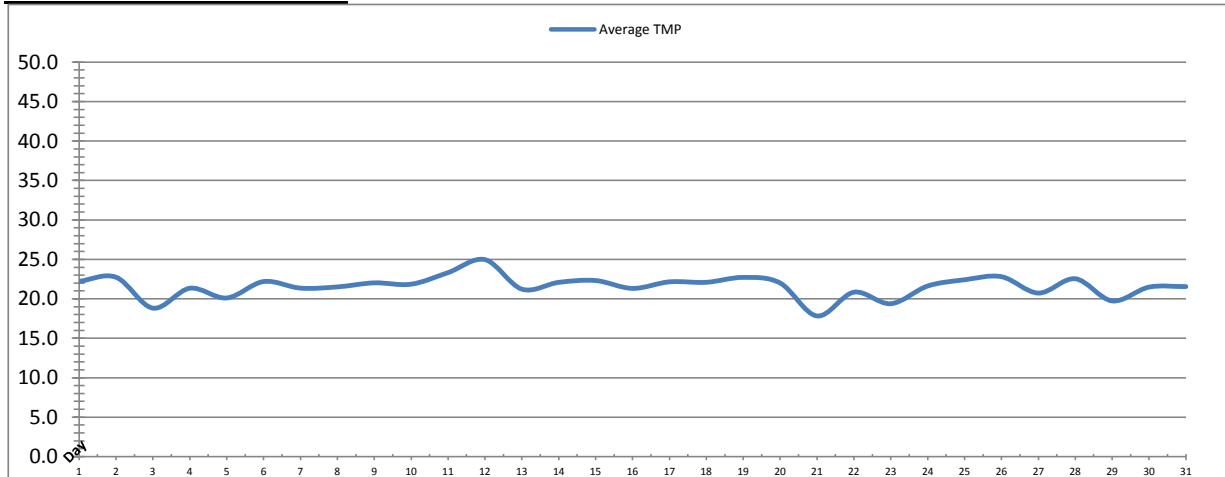
| Date    | Rack #3 Turbidity |         |         | Rack #4 Turbidity |         |         | Turbidity After Membranes |         |         |
|---------|-------------------|---------|---------|-------------------|---------|---------|---------------------------|---------|---------|
|         | RACK3_NTU_Value   |         |         | RACK4_NTU_Value   |         |         | PALL_FILT_AIT5001_Value   |         |         |
|         | Maximum           | Minimum | Average | Maximum           | Minimum | Average | Maximum                   | Minimum | Average |
| 1       | 0.005             | 0.003   | 0.003   | 0.003             | 0.001   | 0.001   | 0.020                     | 0.018   | 0.019   |
| 2       | 0.004             | 0.003   | 0.003   | 0.003             | 0.001   | 0.001   | 0.020                     | 0.016   | 0.018   |
| 3       | 0.005             | 0.003   | 0.003   | 0.002             | 0.001   | 0.001   | 0.021                     | 0.017   | 0.019   |
| 4       | 0.004             | 0.003   | 0.003   | 0.001             | 0.001   | 0.001   | 0.020                     | 0.018   | 0.019   |
| 5       | 0.004             | 0.003   | 0.003   | 0.006             | 0.001   | 0.002   | 0.238                     | 0.018   | 0.020   |
| 6       | 0.006             | 0.003   | 0.003   | 0.001             | 0.001   | 0.001   | 0.022                     | 0.018   | 0.019   |
| 7       | 0.004             | 0.003   | 0.003   | 0.020             | 0.001   | 0.001   | 0.021                     | 0.018   | 0.019   |
| 8       | 0.004             | 0.003   | 0.003   | 0.001             | 0.001   | 0.001   | 0.019                     | 0.016   | 0.018   |
| 9       | 0.004             | 0.003   | 0.003   | 0.001             | 0.001   | 0.001   | 0.020                     | 0.016   | 0.019   |
| 10      | 0.010             | 0.003   | 0.003   | 0.018             | 0.001   | 0.001   | 0.020                     | 0.016   | 0.019   |
| 11      | 0.004             | 0.003   | 0.003   | 0.001             | 0.001   | 0.001   | 0.026                     | 0.016   | 0.018   |
| 12      | 0.004             | 0.003   | 0.003   | 0.001             | 0.001   | 0.001   | 0.019                     | 0.015   | 0.018   |
| 13      | 0.004             | 0.003   | 0.003   | 0.001             | 0.001   | 0.001   | 0.019                     | 0.015   | 0.018   |
| 14      | 0.004             | 0.003   | 0.003   | 0.021             | 0.001   | 0.002   | 0.020                     | 0.018   | 0.019   |
| 15      | 0.006             | 0.003   | 0.003   | 0.001             | 0.001   | 0.001   | 0.019                     | 0.016   | 0.018   |
| 16      | 0.005             | 0.003   | 0.003   | 0.001             | 0.001   | 0.001   | 0.022                     | 0.017   | 0.018   |
| 17      | 0.005             | 0.003   | 0.003   | 0.001             | 0.001   | 0.001   | 0.019                     | 0.015   | 0.018   |
| 18      | 0.006             | 0.003   | 0.003   | 0.004             | 0.001   | 0.001   | 0.019                     | 0.015   | 0.018   |
| 19      | 0.030             | 0.003   | 0.004   | 0.024             | 0.001   | 0.001   | 0.020                     | 0.018   | 0.019   |
| 20      | 0.193             | 0.003   | 0.005   | 0.032             | 0.001   | 0.002   | 0.025                     | 0.018   | 0.019   |
| 21      | 0.004             | 0.003   | 0.003   | 0.026             | 0.001   | 0.001   | 0.020                     | 0.018   | 0.019   |
| 22      | 0.006             | 0.003   | 0.003   | 0.021             | 0.001   | 0.001   | 0.019                     | 0.015   | 0.016   |
| 23      | 0.008             | 0.003   | 0.003   | 0.027             | 0.001   | 0.002   | 0.020                     | 0.015   | 0.017   |
| 24      | 0.005             | 0.003   | 0.003   | 0.026             | 0.001   | 0.001   | 0.020                     | 0.015   | 0.018   |
| 25      | 0.004             | 0.003   | 0.003   | 0.022             | 0.001   | 0.001   | 0.020                     | 0.018   | 0.019   |
| 26      | 0.005             | 0.003   | 0.003   | 0.020             | 0.001   | 0.001   | 0.020                     | 0.018   | 0.018   |
| 27      | 0.008             | 0.003   | 0.003   | 0.020             | 0.001   | 0.001   | 0.019                     | 0.018   | 0.018   |
| 28      | 0.005             | 0.003   | 0.003   | 0.021             | 0.001   | 0.001   | 0.019                     | 0.018   | 0.018   |
| 29      | 0.020             | 0.003   | 0.003   | 0.024             | 0.001   | 0.001   | 0.019                     | 0.018   | 0.018   |
| 30      | 0.006             | 0.003   | 0.003   | 0.024             | 0.001   | 0.001   | 0.019                     | 0.015   | 0.018   |
| 31      | 0.009             | 0.003   | 0.003   | 0.014             | 0.001   | 0.001   | 0.021                     | 0.014   | 0.018   |
| Total   |                   |         |         |                   |         |         |                           |         |         |
| Average | 0.013             | 0.003   | 0.003   | 0.013             | 0.001   | 0.001   | 0.027                     | 0.017   | 0.018   |
| Maximum | 0.193             |         | 0.005   | 0.032             |         | 0.002   | 0.238                     |         | 0.020   |
| Date    | 20-Oct            |         | 20-Oct  | 20-Oct            |         | 5-Oct   | 5-Oct                     |         | 5-Oct   |
| Minimum |                   | 0.003   | 0.003   |                   | 0.001   | 0.001   |                           | 0.014   | 0.016   |
| Date    |                   | 1-Oct   | 13-Oct  |                   | 1-Oct   | 6-Oct   |                           | 31-Oct  | 22-Oct  |

**Notes:**

Rack 3: 20th >0.1ntu for 15min post EFM

# Membranes Monthly Report

Month: **October-16**



| Date         | Integrity Test Rack 1     |                         |                        |                             |       |            |                      |                  |
|--------------|---------------------------|-------------------------|------------------------|-----------------------------|-------|------------|----------------------|------------------|
|              | Initial Pressure<br>(kPa) | Final Pressure<br>(kPa) | Test Duration<br>(sec) | Change in Pressure<br>(kPa) | UCL   | Within UCL | Average TMP<br>(kPa) | Max TMP<br>(kPa) |
| 1            | 194.1                     | 193.0                   | 300.0                  | 1.1                         | 2.0   | ✓ 2.0      | 22.2                 | 46.7             |
| 2            | 194.3                     | 193.2                   | 300.0                  | 1.1                         | 2.0   | ✓ 2.0      | 22.7                 | 62.6             |
| 3            | 194.9                     | 193.8                   | 300.0                  | 1.1                         | 2.0   | ✓ 2.0      | 18.8                 | 39.9             |
| 4            | 194.2                     | 193.0                   | 300.0                  | 1.2                         | 2.0   | ✓ 2.0      | 21.3                 | 42.7             |
| 5            | 194.1                     | 193.0                   | 300.0                  | 1.1                         | 2.0   | ✓ 2.0      | 20.1                 | 61.9             |
| 6            | 194.2                     | 193.1                   | 300.0                  | 1.1                         | 2.0   | ✓ 2.0      | 22.2                 | 46.7             |
| 7            | 194.1                     | 192.9                   | 300.0                  | 1.2                         | 2.0   | ✓ 2.0      | 21.4                 | 47.8             |
| 8            | 194.5                     | 193.3                   | 300.0                  | 1.2                         | 2.0   | ✓ 2.0      | 21.5                 | 52.7             |
| 9            | 194.1                     | 193.1                   | 300.0                  | 1.1                         | 2.0   | ✓ 2.0      | 22.0                 | 50.3             |
| 10           | 194.7                     | 193.7                   | 300.0                  | 1.0                         | 2.0   | ✓ 2.0      | 21.9                 | 44.6             |
| 11           | 194.2                     | 193.1                   | 300.0                  | 1.2                         | 2.0   | ✓ 2.0      | 23.3                 | 74.4             |
| 12           | 194.4                     | 193.3                   | 300.0                  | 1.1                         | 2.0   | ✓ 2.0      | 25.0                 | 46.0             |
| 13           | 194.1                     | 193.0                   | 300.0                  | 1.1                         | 2.0   | ✓ 2.0      | 21.2                 | 48.7             |
| 14           | 194.2                     | 193.2                   | 300.0                  | 1.1                         | 2.0   | ✓ 2.0      | 22.1                 | 49.5             |
| 15           | 194.3                     | 193.2                   | 300.0                  | 1.1                         | 2.0   | ✓ 2.0      | 22.3                 | 64.1             |
| 16           | 194.4                     | 193.2                   | 300.0                  | 1.2                         | 2.0   | ✓ 2.0      | 21.3                 | 50.2             |
| 17           | 193.8                     | 192.9                   | 300.0                  | 0.8                         | 2.0   | ✓ 2.0      | 22.2                 | 61.7             |
| 18           | 194.1                     | 193.1                   | 300.0                  | 1.0                         | 2.0   | ✓ 2.0      | 22.1                 | 63.8             |
| 19           | 193.8                     | 192.7                   | 300.0                  | 1.1                         | 2.0   | ✓ 2.0      | 22.7                 | 44.2             |
| 20           | 194.2                     | 192.9                   | 300.0                  | 1.3                         | 2.0   | ✓ 2.0      | 22.0                 | 67.6             |
| 21           | 194.2                     | 193.2                   | 300.0                  | 1.1                         | 2.0   | ✓ 2.0      | 17.8                 | 41.5             |
| 22           | 194.1                     | 192.9                   | 300.0                  | 1.1                         | 2.0   | ✓ 2.0      | 20.8                 | 41.3             |
| 23           | 194.1                     | 193.1                   | 300.0                  | 1.1                         | 2.0   | ✓ 2.0      | 19.4                 | 71.9             |
| 24           | 194.3                     | 193.1                   | 300.0                  | 1.2                         | 2.0   | ✓ 2.0      | 21.6                 | 67.7             |
| 25           | 194.2                     | 193.1                   | 300.0                  | 1.2                         | 2.0   | ✓ 2.0      | 22.4                 | 44.3             |
| 26           | 194.3                     | 193.2                   | 300.0                  | 1.1                         | 2.0   | ✓ 2.0      | 22.8                 | 59.1             |
| 27           | 194.6                     | 193.4                   | 300.0                  | 1.2                         | 2.0   | ✓ 2.0      | 20.7                 | 44.1             |
| 28           | 193.9                     | 192.6                   | 300.0                  | 1.2                         | 2.0   | ✓ 2.0      | 22.5                 | 44.3             |
| 29           | 194.4                     | 193.9                   | 300.0                  | 0.5                         | 2.0   | ✓ 2.0      | 19.7                 | 44.3             |
| 30           | 194.6                     | 193.3                   | 300.0                  | 1.3                         | 2.0   | ✓ 2.0      | 21.5                 | 42.4             |
| 31           | 194.4                     | 193.2                   | 300.0                  | 1.2                         | 2.0   | ✓ 2.0      | 21.5                 | 45.9             |
| <b>Total</b> |                           |                         |                        |                             |       |            |                      |                  |
| Average      | 194.3                     | 193.1                   | 300.0                  | 1.1                         | 2.0   | 2.0        | 21.6                 | 52.0             |
| Maximum      | 194.9                     | 193.9                   | 300.0                  | 1.3                         | 2.0   | 2.0        | 25.0                 | 74.4             |
| Date         | 3-Oct                     | 29-Oct                  | 1-Oct                  | 30-Oct                      | 1-Oct | 1-Oct      | 12-Oct               | 11-Oct           |
| Minimum      | 193.8                     | 192.6                   | 300.0                  | 0.5                         | 2.0   | 2.0        | 17.8                 | 39.9             |
| Date         | 17-Oct                    | 28-Oct                  | 1-Oct                  | 29-Oct                      | 1-Oct | 1-Oct      | 21-Oct               | 3-Oct            |

Notes:

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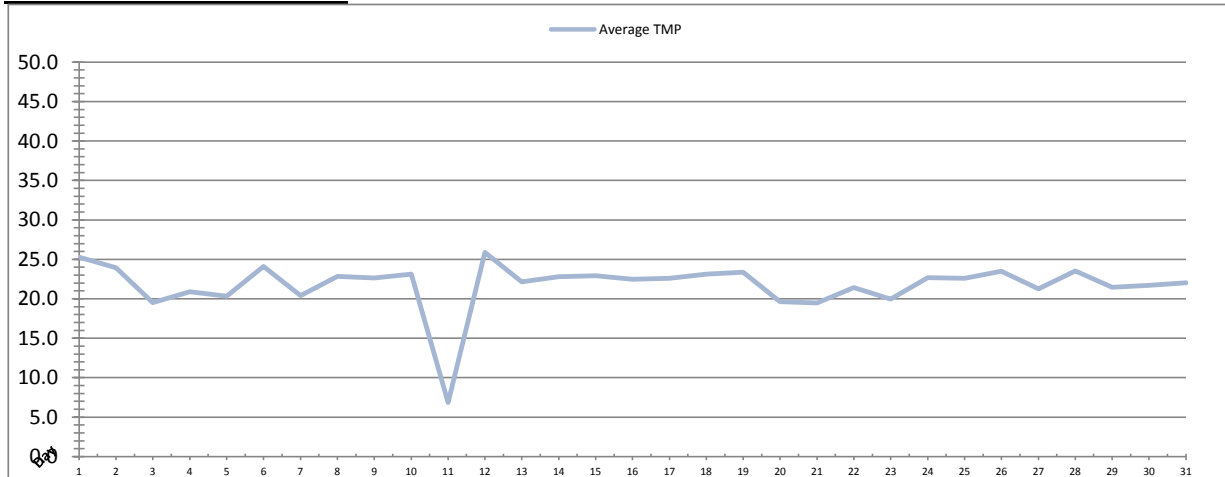
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# Membranes Monthly Report

Month: **October-16**



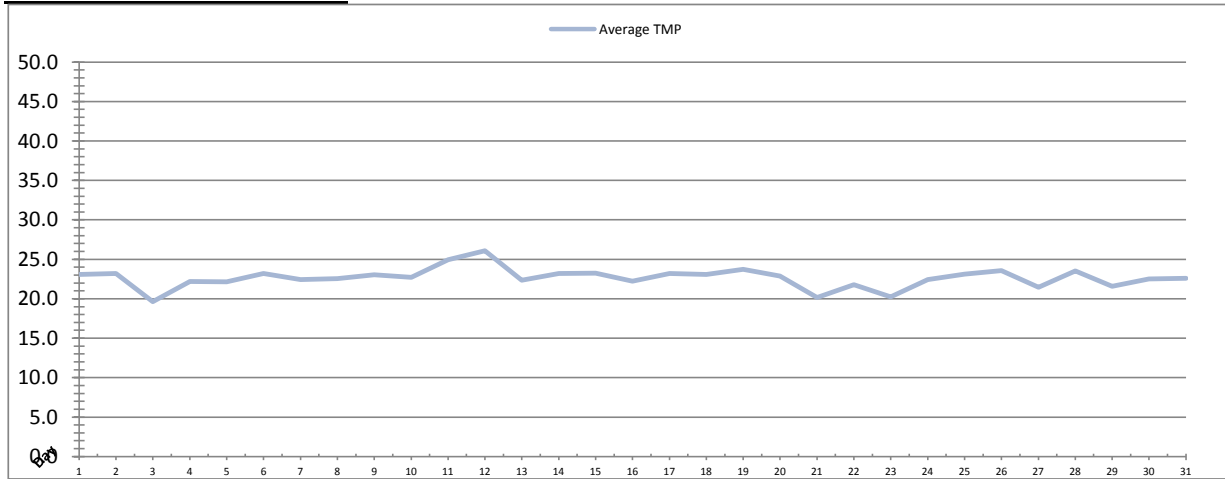
| Integrity Test Rack 2 |                        |                      |                     |                          |       |            |                   |               |  |
|-----------------------|------------------------|----------------------|---------------------|--------------------------|-------|------------|-------------------|---------------|--|
| Date                  | Initial Pressure (kPa) | Final Pressure (kPa) | Test Duration (sec) | Change in Pressure (kPa) | UCL   | Within UCL | Average TMP (kPa) | Max TMP (kPa) |  |
| 1                     | 200.2                  | 199.0                | 300.0               | 1.2                      | 2.0   | ✓ 2.0      | 25.3              | 51.4          |  |
| 2                     | 200.2                  | 199.1                | 300.0               | 1.1                      | 2.0   | ✓ 2.0      | 23.9              | 70.8          |  |
| 3                     | 200.0                  | 199.3                | 300.0               | 0.8                      | 2.0   | ✓ 2.0      | 19.5              | 56.9          |  |
| 4                     | 201.1                  | 200.2                | 300.0               | 0.9                      | 2.0   | ✓ 2.0      | 20.9              | 50.5          |  |
| 5                     | 200.8                  | 200.2                | 300.0               | 0.6                      | 2.0   | ✓ 2.0      | 20.3              | 52.6          |  |
| 6                     | 200.7                  | 199.4                | 300.0               | 1.3                      | 2.0   | ✓ 2.0      | 24.1              | 39.7          |  |
| 7                     | 200.6                  | 199.4                | 300.0               | 1.2                      | 2.0   | ✓ 2.0      | 20.4              | 42.7          |  |
| 8                     | 200.6                  | 199.4                | 300.0               | 1.2                      | 2.0   | ✓ 2.0      | 22.8              | 49.7          |  |
| 9                     | 200.8                  | 200.0                | 300.0               | 0.8                      | 2.0   | ✓ 2.0      | 22.6              | 49.4          |  |
| 10                    | 200.4                  | 198.9                | 300.0               | 1.5                      | 2.0   | ✓ 2.0      | 23.1              | 59.5          |  |
| 11                    | 200.9                  | 200.0                | 300.0               | 0.9                      | 2.0   | ✓ 2.0      | 6.8               | 67.8          |  |
| 12                    | 201.1                  | 200.1                | 300.0               | 1.0                      | 2.0   | ✓ 2.0      | 25.9              | 50.6          |  |
| 13                    | 200.9                  | 199.9                | 300.0               | 1.0                      | 2.0   | ✓ 2.0      | 22.1              | 50.7          |  |
| 14                    | 201.0                  | 200.2                | 300.0               | 0.8                      | 2.0   | ✓ 2.0      | 22.8              | 79.0          |  |
| 15                    | 201.0                  | 200.2                | 300.0               | 0.8                      | 2.0   | ✓ 2.0      | 22.9              | 57.9          |  |
| 16                    | 200.8                  | 200.1                | 300.0               | 0.7                      | 2.0   | ✓ 2.0      | 22.5              | 45.2          |  |
| 17                    | 200.7                  | 200.1                | 300.0               | 0.6                      | 2.0   | ✓ 2.0      | 22.6              | 45.2          |  |
| 18                    | 200.9                  | 200.4                | 300.0               | 0.5                      | 2.0   | ✓ 2.0      | 23.1              | 57.7          |  |
| 19                    | 200.7                  | 200.1                | 300.0               | 0.6                      | 2.0   | ✓ 2.0      | 23.4              | 46.1          |  |
| 20                    | 200.2                  | 199.1                | 300.0               | 1.1                      | 2.0   | ✓ 2.0      | 19.7              | 69.8          |  |
| 21                    | 200.4                  | 199.6                | 300.0               | 0.8                      | 2.0   | ✓ 2.0      | 19.5              | 64.6          |  |
| 22                    | 200.7                  | 199.7                | 300.0               | 1.0                      | 2.0   | ✓ 2.0      | 21.4              | 40.7          |  |
| 23                    | 200.5                  | 199.7                | 300.0               | 0.8                      | 2.0   | ✓ 2.0      | 20.0              | 65.3          |  |
| 24                    | 200.4                  | 199.1                | 300.0               | 1.3                      | 2.0   | ✓ 2.0      | 22.7              | 66.9          |  |
| 25                    | 200.5                  | 199.9                | 300.0               | 0.7                      | 2.0   | ✓ 2.0      | 22.6              | 59.1          |  |
| 26                    | 200.7                  | 199.7                | 300.0               | 1.0                      | 2.0   | ✓ 2.0      | 23.5              | 60.1          |  |
| 27                    | 200.6                  | 199.9                | 300.0               | 0.8                      | 2.0   | ✓ 2.0      | 21.3              | 60.5          |  |
| 28                    | 200.3                  | 199.2                | 300.0               | 1.2                      | 2.0   | ✓ 2.0      | 23.5              | 62.0          |  |
| 29                    | 200.5                  | 199.6                | 300.0               | 1.0                      | 2.0   | ✓ 2.0      | 21.5              | 45.3          |  |
| 30                    | 200.4                  | 199.7                | 300.0               | 0.7                      | 2.0   | ✓ 2.0      | 21.7              | 65.2          |  |
| 31                    | 200.0                  | 199.1                | 300.0               | 0.9                      | 2.0   | ✓ 2.0      | 22.0              | 46.2          |  |
| <b>Total</b>          |                        |                      |                     |                          |       |            |                   |               |  |
| Average               | 200.6                  | 199.7                | 300.0               | 0.9                      | 2.0   | 2.0        | 21.8              | 55.8          |  |
| Maximum               | 201.1                  | 200.4                | 300.0               | 1.5                      | 2.0   | 2.0        | 25.9              | 79.0          |  |
| Date                  | 4-Oct                  | 18-Oct               | 1-Oct               | 10-Oct                   | 1-Oct | 1-Oct      | 12-Oct            | 14-Oct        |  |
| Minimum               | 200.0                  | 198.9                | 300.0               | 0.5                      | 2.0   | 2.0        | 6.8               | 39.7          |  |
| Date                  | 3-Oct                  | 10-Oct               | 1-Oct               | 18-Oct                   | 1-Oct | 1-Oct      | 11-Oct            | 6-Oct         |  |

Notes:



# Membranes Monthly Report

Month: **October-16**



| Integrity Test Rack 3 |                           |                         |                        |                             |       |            |                      |                  |  |
|-----------------------|---------------------------|-------------------------|------------------------|-----------------------------|-------|------------|----------------------|------------------|--|
| Date                  | Initial Pressure<br>(kPa) | Final Pressure<br>(kPa) | Test Duration<br>(sec) | Change in Pressure<br>(kPa) | UCL   | Within UCL | Average TMP<br>(kPa) | Max TMP<br>(kPa) |  |
| 1                     | 190.2                     | 188.9                   | 300.0                  | 1.3                         | 2.0   | ✓ 2.0      | 23.1                 | 61.1             |  |
| 2                     | 190.9                     | 189.6                   | 300.0                  | 1.3                         | 2.0   | ✓ 2.0      | 23.2                 | 55.5             |  |
| 3                     | 191.0                     | 189.8                   | 300.0                  | 1.2                         | 2.0   | ✓ 2.0      | 19.6                 | 51.5             |  |
| 4                     | 190.9                     | 189.6                   | 300.0                  | 1.3                         | 2.0   | ✓ 2.0      | 22.2                 | 50.4             |  |
| 5                     | 190.9                     | 189.5                   | 300.0                  | 1.3                         | 2.0   | ✓ 2.0      | 22.2                 | 49.7             |  |
| 6                     | 190.4                     | 189.2                   | 300.0                  | 1.2                         | 2.0   | ✓ 2.0      | 23.2                 | 44.6             |  |
| 7                     | 190.9                     | 189.6                   | 300.0                  | 1.3                         | 2.0   | ✓ 2.0      | 22.4                 | 56.6             |  |
| 8                     | 191.2                     | 189.9                   | 300.0                  | 1.3                         | 2.0   | ✓ 2.0      | 22.5                 | 44.9             |  |
| 9                     | 190.7                     | 189.4                   | 300.0                  | 1.3                         | 2.0   | ✓ 2.0      | 23.0                 | 42.7             |  |
| 10                    | 190.7                     | 189.4                   | 300.0                  | 1.3                         | 2.0   | ✓ 2.0      | 22.7                 | 45.9             |  |
| 11                    | 190.2                     | 188.9                   | 300.0                  | 1.3                         | 2.0   | ✓ 2.0      | 25.0                 | 73.0             |  |
| 12                    | 190.6                     | 189.2                   | 300.0                  | 1.4                         | 2.0   | ✓ 2.0      | 26.1                 | 45.8             |  |
| 13                    | 191.0                     | 189.8                   | 300.0                  | 1.2                         | 2.0   | ✓ 2.0      | 22.4                 | 52.8             |  |
| 14                    | 190.7                     | 189.5                   | 300.0                  | 1.2                         | 2.0   | ✓ 2.0      | 23.2                 | 47.8             |  |
| 15                    | 190.5                     | 189.2                   | 300.0                  | 1.3                         | 2.0   | ✓ 2.0      | 23.2                 | 65.9             |  |
| 16                    | 190.9                     | 189.7                   | 300.0                  | 1.2                         | 2.0   | ✓ 2.0      | 22.2                 | 58.6             |  |
| 17                    | 190.9                     | 189.6                   | 300.0                  | 1.3                         | 2.0   | ✓ 2.0      | 23.2                 | 61.2             |  |
| 18                    | 190.8                     | 189.6                   | 300.0                  | 1.2                         | 2.0   | ✓ 2.0      | 23.1                 | 70.3             |  |
| 19                    | 190.7                     | 189.4                   | 300.0                  | 1.3                         | 2.0   | ✓ 2.0      | 23.7                 | 46.2             |  |
| 20                    | 191.0                     | 189.9                   | 300.0                  | 1.1                         | 2.0   | ✓ 2.0      | 22.9                 | 72.5             |  |
| 21                    | 190.7                     | 189.4                   | 300.0                  | 1.3                         | 2.0   | ✓ 2.0      | 20.1                 | 66.7             |  |
| 22                    | 190.5                     | 189.2                   | 300.0                  | 1.3                         | 2.0   | ✓ 2.0      | 21.8                 | 45.9             |  |
| 23                    | 190.4                     | 189.1                   | 300.0                  | 1.3                         | 2.0   | ✓ 2.0      | 20.2                 | 65.2             |  |
| 24                    | 190.1                     | 188.8                   | 300.0                  | 1.4                         | 2.0   | ✓ 2.0      | 22.4                 | 64.9             |  |
| 25                    | 190.6                     | 189.3                   | 300.0                  | 1.3                         | 2.0   | ✓ 2.0      | 23.1                 | 49.6             |  |
| 26                    | 190.2                     | 188.8                   | 300.0                  | 1.4                         | 2.0   | ✓ 2.0      | 23.6                 | 43.3             |  |
| 27                    | 190.8                     | 189.5                   | 300.0                  | 1.3                         | 2.0   | ✓ 2.0      | 21.4                 | 45.2             |  |
| 28                    | 190.7                     | 189.4                   | 300.0                  | 1.2                         | 2.0   | ✓ 2.0      | 23.5                 | 50.8             |  |
| 29                    | 191.0                     | 189.6                   | 300.0                  | 1.4                         | 2.0   | ✓ 2.0      | 21.6                 | 44.8             |  |
| 30                    | 190.7                     | 189.4                   | 300.0                  | 1.3                         | 2.0   | ✓ 2.0      | 22.5                 | 50.7             |  |
| 31                    | 190.8                     | 189.5                   | 300.0                  | 1.3                         | 2.0   | ✓ 2.0      | 22.6                 | 47.7             |  |
| <b>Total</b>          |                           |                         |                        |                             |       |            |                      |                  |  |
| Average               | 190.7                     | 189.4                   | 300.0                  | 1.3                         | 2.0   | 2.0        | 22.6                 | 53.9             |  |
| Maximum               | 191.2                     | 189.9                   | 300.0                  | 1.4                         | 2.0   | 2.0        | 26.1                 | 73.0             |  |
| Date                  | 8-Oct                     | 8-Oct                   | 1-Oct                  | 26-Oct                      | 1-Oct | 1-Oct      | 12-Oct               | 11-Oct           |  |
| Minimum               | 190.1                     | 188.8                   | 300.0                  | 1.1                         | 2.0   | 2.0        | 19.6                 | 42.7             |  |
| Date                  | 24-Oct                    | 24-Oct                  | 1-Oct                  | 20-Oct                      | 1-Oct | 1-Oct      | 3-Oct                | 9-Oct            |  |

Notes:

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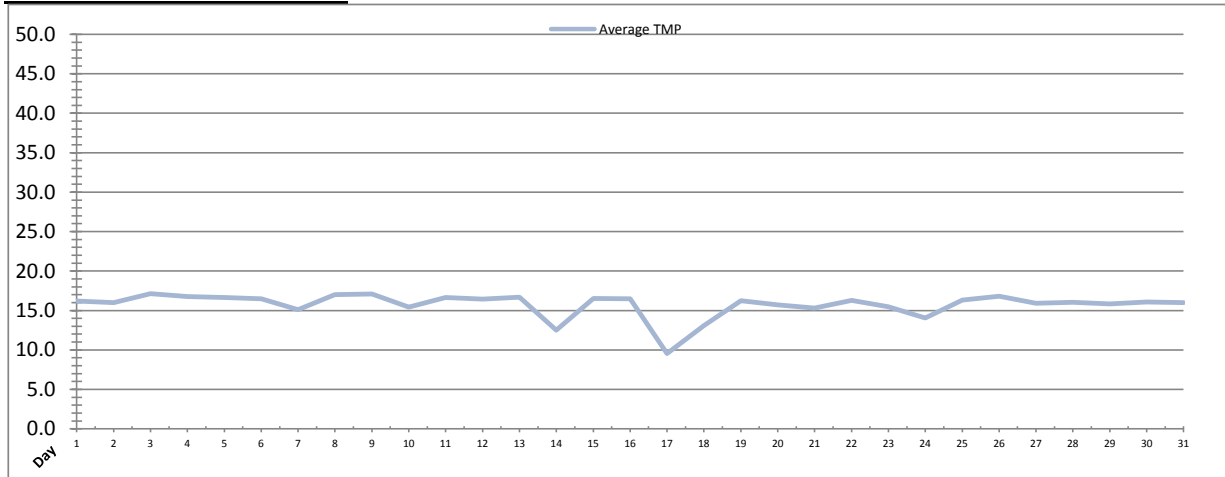
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# Membranes Monthly Report

Month: **October-16**



| Integrity Test Rack 4 |                        |                      |                     |                          |       |            |                   |               |  |
|-----------------------|------------------------|----------------------|---------------------|--------------------------|-------|------------|-------------------|---------------|--|
| Date                  | Initial Pressure (kPa) | Final Pressure (kPa) | Test Duration (sec) | Change in Pressure (kPa) | UCL   | Within UCL | Average TMP (kPa) | Max TMP (kPa) |  |
| 1                     | 193.4                  | 192.3                | 300.0               | 1.2                      | 2.0   | ✓ 2.0      | 16.2              | 47.1          |  |
| 2                     | 193.5                  | 192.3                | 300.0               | 1.1                      | 2.0   | ✓ 2.0      | 16.0              | 35.3          |  |
| 3                     | 193.5                  | 192.3                | 300.0               | 1.1                      | 2.0   | ✓ 2.0      | 17.1              | 25.7          |  |
| 4                     | 193.5                  | 192.3                | 300.0               | 1.1                      | 2.0   | ✓ 2.0      | 16.8              | 25.7          |  |
| 5                     | 193.5                  | 192.3                | 300.0               | 1.1                      | 2.0   | ✓ 2.0      | 16.6              | 23.0          |  |
| 6                     | 193.5                  | 192.3                | 300.0               | 1.1                      | 2.0   | ✓ 2.0      | 16.5              | 17.0          |  |
| 7                     | 197.6                  | 196.5                | 300.0               | 1.1                      | 2.0   | ✓ 2.0      | 15.1              | 34.5          |  |
| 8                     | 197.6                  | 196.5                | 300.0               | 1.1                      | 2.0   | ✓ 2.0      | 17.0              | 17.5          |  |
| 9                     | 197.6                  | 196.5                | 300.0               | 1.1                      | 2.0   | ✓ 2.0      | 17.1              | 17.4          |  |
| 10                    | 196.8                  | 195.6                | 300.0               | 1.1                      | 2.0   | ✓ 2.0      | 15.4              | 30.4          |  |
| 11                    | 196.8                  | 195.6                | 300.0               | 1.1                      | 2.0   | ✓ 2.0      | 16.6              | 22.5          |  |
| 12                    | 196.8                  | 195.6                | 300.0               | 1.1                      | 2.0   | ✓ 2.0      | 16.4              | 16.7          |  |
| 13                    | 196.8                  | 195.6                | 300.0               | 1.1                      | 2.0   | ✓ 2.0      | 16.7              | 17.0          |  |
| 14                    | 196.4                  | 195.5                | 300.0               | 0.9                      | 2.0   | ✓ 2.0      | 12.5              | 30.7          |  |
| 15                    | 196.4                  | 195.5                | 300.0               | 0.9                      | 2.0   | ✓ 2.0      | 16.5              | 17.1          |  |
| 16                    | 196.4                  | 195.5                | 300.0               | 0.9                      | 2.0   | ✓ 2.0      | 16.5              | 16.8          |  |
| 17                    | 196.4                  | 195.5                | 300.0               | 0.9                      | 2.0   | ✓ 2.0      | 9.5               | 17.5          |  |
| 18                    | 196.4                  | 195.5                | 300.0               | 0.9                      | 2.0   | ✓ 2.0      | 13.1              | 24.7          |  |
| 19                    | 196.3                  | 195.3                | 300.0               | 0.9                      | 2.0   | ✓ 2.0      | 16.2              | 29.9          |  |
| 20                    | 196.4                  | 195.5                | 300.0               | 1.0                      | 2.0   | ✓ 2.0      | 15.7              | 28.4          |  |
| 21                    | 196.1                  | 195.1                | 300.0               | 1.0                      | 2.0   | ✓ 2.0      | 15.3              | 27.0          |  |
| 22                    | 196.2                  | 195.2                | 300.0               | 1.0                      | 2.0   | ✓ 2.0      | 16.3              | 29.1          |  |
| 23                    | 196.0                  | 195.1                | 300.0               | 1.0                      | 2.0   | ✓ 2.0      | 15.5              | 27.2          |  |
| 24                    | 196.3                  | 195.3                | 300.0               | 1.0                      | 2.0   | ✓ 2.0      | 14.0              | 29.6          |  |
| 25                    | 196.1                  | 195.0                | 300.0               | 1.1                      | 2.0   | ✓ 2.0      | 16.3              | 30.0          |  |
| 26                    | 196.0                  | 195.1                | 300.0               | 0.9                      | 2.0   | ✓ 2.0      | 16.8              | 30.2          |  |
| 27                    | 196.0                  | 194.9                | 300.0               | 1.1                      | 2.0   | ✓ 2.0      | 15.9              | 29.9          |  |
| 28                    | 196.3                  | 195.2                | 300.0               | 1.1                      | 2.0   | ✓ 2.0      | 16.1              | 30.6          |  |
| 29                    | 196.8                  | 195.6                | 300.0               | 1.2                      | 2.0   | ✓ 2.0      | 15.8              | 29.7          |  |
| 30                    | 196.1                  | 195.1                | 300.0               | 1.1                      | 2.0   | ✓ 2.0      | 16.1              | 30.3          |  |
| 31                    | 193.9                  | 192.7                | 300.0               | 1.2                      | 2.0   | ✓ 2.0      | 16.0              | 34.6          |  |
| <b>Total</b>          |                        |                      |                     |                          |       |            |                   |               |  |
| Average               | 195.8                  | 194.8                | 300.0               | 1.1                      | 2.0   | 2.0        | 15.7              | 26.5          |  |
| Maximum               | 197.6                  | 196.5                | 300.0               | 1.2                      | 2.0   | 2.0        | 17.1              | 47.1          |  |
| Date                  | 7-Oct                  | 7-Oct                | 1-Oct               | 31-Oct                   | 1-Oct | 1-Oct      | 3-Oct             | 1-Oct         |  |
| Minimum               | 193.4                  | 192.3                | 300.0               | 0.9                      | 2.0   | 2.0        | 9.5               | 16.7          |  |
| Date                  | 1-Oct                  | 1-Oct                | 1-Oct               | 14-Oct                   | 1-Oct | 1-Oct      | 17-Oct            | 12-Oct        |  |

Notes:

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# Membranes Monthly Report

Month: October-16

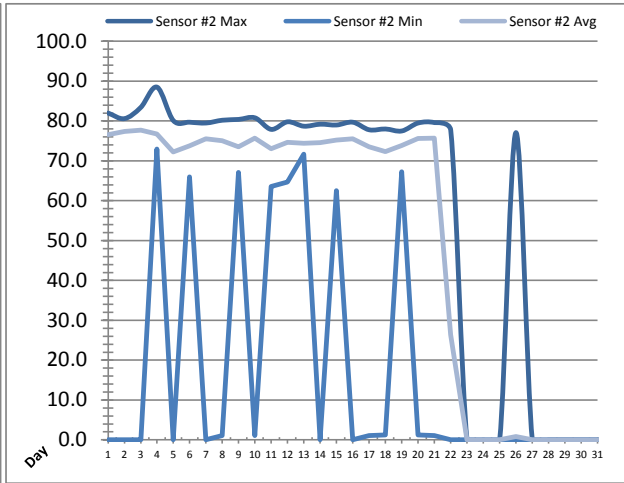
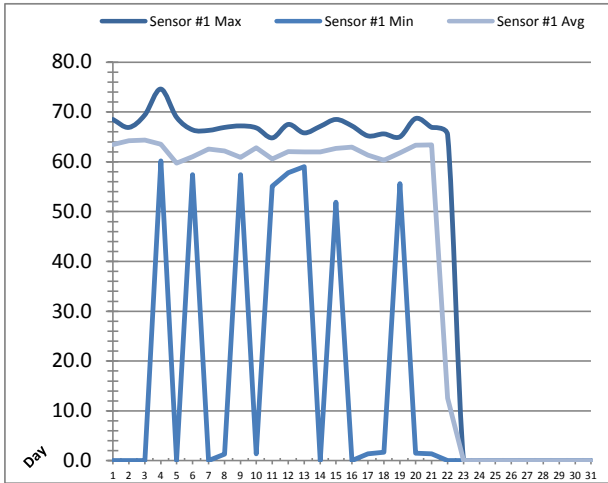
| Date    | Membranes Monthly Performance |                               |                           |                               |                           |                               |                           |                               |
|---------|-------------------------------|-------------------------------|---------------------------|-------------------------------|---------------------------|-------------------------------|---------------------------|-------------------------------|
|         | Rack 1 >0.1 NTU (Minutes)     | Rack 1 Forward Flow (Minutes) | Rack 2 >0.1 NTU (Minutes) | Rack 2 Forward Flow (Minutes) | Rack 3 >0.1 NTU (Minutes) | Rack 3 Forward Flow (Minutes) | Rack 4 >0.1 NTU (Minutes) | Rack 4 Forward Flow (Minutes) |
| 1       | 0.0                           | 1196.0                        | 0.0                       | 1185.3                        | 0.0                       | 1203.2                        | 0.0                       | 507.3                         |
| 2       | 0.0                           | 1066.2                        | 0.0                       | 1068.0                        | 0.0                       | 1050.4                        | 0.0                       | 449.5                         |
| 3       | 0.0                           | 674.1                         | 0.0                       | 670.0                         | 0.0                       | 680.4                         | 0.0                       | 106.5                         |
| 4       | 0.0                           | 1031.6                        | 0.0                       | 1025.2                        | 0.0                       | 1030.2                        | 0.0                       | 26.0                          |
| 5       | 13.5                          | 1030.2                        | 0.0                       | 1010.5                        | 0.0                       | 1033.4                        | 0.0                       | 17.1                          |
| 6       | 0.0                           | 1124.1                        | 0.0                       | 1116.6                        | 0.0                       | 1124.6                        | 0.0                       | 0.0                           |
| 7       | 0.0                           | 914.3                         | 0.0                       | 915.3                         | 0.0                       | 916.0                         | 0.0                       | 210.4                         |
| 8       | 0.0                           | 947.2                         | 0.0                       | 948.6                         | 0.0                       | 950.3                         | 0.0                       | 0.0                           |
| 9       | 0.0                           | 1004.1                        | 0.0                       | 1000.3                        | 0.0                       | 1007.4                        | 0.0                       | 0.0                           |
| 10      | 0.0                           | 948.3                         | 0.0                       | 950.3                         | 0.0                       | 954.2                         | 0.0                       | 216.2                         |
| 11      | 0.0                           | 970.6                         | 0.0                       | 677.4                         | 0.0                       | 976.4                         | 0.0                       | 1.4                           |
| 12      | 0.0                           | 1264.3                        | 0.0                       | 1258.6                        | 0.0                       | 1263.4                        | 0.0                       | 0.0                           |
| 13      | 0.0                           | 893.1                         | 0.0                       | 888.6                         | 0.0                       | 893.6                         | 0.0                       | 0.0                           |
| 14      | 0.0                           | 940.1                         | 0.0                       | 932.5                         | 0.0                       | 943.3                         | 0.0                       | 50.3                          |
| 15      | 0.0                           | 944.5                         | 0.0                       | 941.3                         | 0.0                       | 948.1                         | 0.0                       | 0.0                           |
| 16      | 0.0                           | 879.3                         | 0.0                       | 874.5                         | 0.0                       | 880.2                         | 0.0                       | 0.0                           |
| 17      | 0.0                           | 974.6                         | 0.0                       | 966.5                         | 0.0                       | 980.5                         | 0.0                       | 0.0                           |
| 18      | 0.0                           | 1013.5                        | 0.0                       | 1004.6                        | 0.0                       | 1017.6                        | 0.0                       | 31.0                          |
| 19      | 0.0                           | 1020.1                        | 0.0                       | 1014.3                        | 0.0                       | 1020.1                        | 0.0                       | 326.6                         |
| 20      | 20.3                          | 806.5                         | 0.0                       | 739.5                         | 4.0                       | 804.2                         | 0.0                       | 366.6                         |
| 21      | 0.0                           | 500.2                         | 0.0                       | 591.5                         | 0.0                       | 596.5                         | 0.0                       | 225.3                         |
| 22      | 0.0                           | 839.1                         | 0.0                       | 841.3                         | 0.0                       | 842.3                         | 0.0                       | 528.1                         |
| 23      | 0.0                           | 615.2                         | 0.0                       | 609.4                         | 0.0                       | 617.5                         | 0.0                       | 275.0                         |
| 24      | 0.0                           | 819.4                         | 0.0                       | 820.2                         | 0.0                       | 823.5                         | 0.0                       | 415.2                         |
| 25      | 0.0                           | 929.5                         | 0.0                       | 926.3                         | 0.0                       | 928.6                         | 0.0                       | 585.6                         |
| 26      | 0.0                           | 1013.1                        | 0.0                       | 1010.2                        | 0.0                       | 1016.2                        | 0.0                       | 617.5                         |
| 27      | 0.0                           | 767.0                         | 0.0                       | 759.1                         | 0.0                       | 764.4                         | 0.0                       | 385.0                         |
| 28      | 0.0                           | 919.4                         | 0.0                       | 919.4                         | 0.0                       | 925.2                         | 0.0                       | 380.1                         |
| 29      | 0.0                           | 743.3                         | 0.0                       | 749.1                         | 0.0                       | 749.1                         | 0.0                       | 300.0                         |
| 30      | 0.0                           | 765.3                         | 0.0                       | 762.6                         | 0.0                       | 768.4                         | 0.0                       | 309.1                         |
| 31      | 0.0                           | 762.0                         | 0.0                       | 764.3                         | 0.0                       | 765.2                         | 0.0                       | 307.5                         |
| Total   | 33.8                          | 28316.1                       | 0.0                       | 27941.2                       | 4.0                       | 28474.2                       | 0.0                       | 6637.3                        |
| Percent | 0.12                          |                               | 0.00                      |                               | 0.01                      |                               | 0.00                      |                               |
| Maximum | 20.3                          | 1264.3                        | 0.0                       | 1258.6                        | 4.0                       | 1263.4                        | 0.0                       | 617.5                         |
| Date    | 20-Oct                        | 12-Oct                        | 1-Oct                     | 12-Oct                        | 20-Oct                    | 12-Oct                        | 1-Oct                     | 26-Oct                        |
| Minimum | 0.0                           | 500.2                         | 0.0                       | 591.5                         | 0.0                       | 596.5                         | 0.0                       | 0.0                           |
| Date    | 1-Oct                         | 21-Oct                        | 1-Oct                     | 21-Oct                        | 1-Oct                     | 21-Oct                        | 1-Oct                     | 6-Oct                         |

Notes:

Met filter performance criteria of 99% of readings <0.1ntu.

# UV System Monthly Report

Month: **October-16**

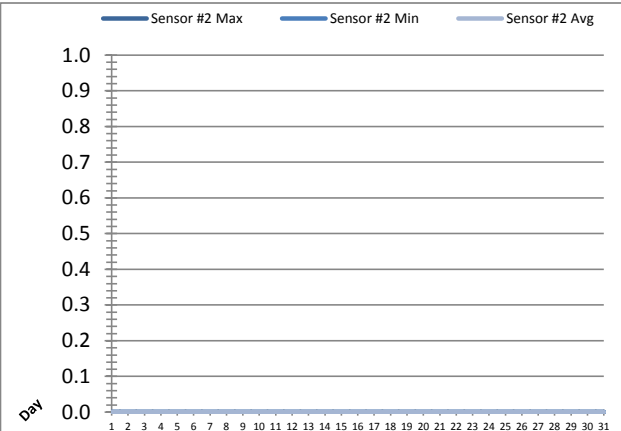
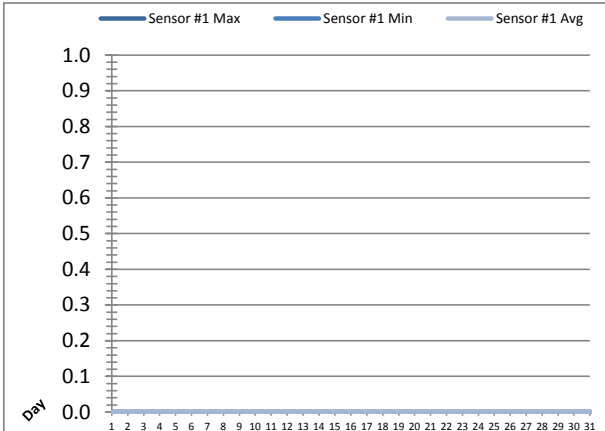


| Date    | UV Reactor 1                                |         |         |   |         |         |
|---------|---|---------|---------|---|---------|---------|
|         | Intensity Sensor 1<br>(mW/cm <sup>2</sup> ) |         |         | Intensity Sensor 2<br>(mW/cm <sup>2</sup> ) |         |         |
|         | Maximum                                     | Minimum | Average | Maximum                                     | Minimum | Average |
| 1       | 68.5  | 0.0     | 63.5    | 82.0  | 0.0     | 76.6    |
| 2       | 66.9  | 0.0     | 64.3    | 80.6  | 0.0     | 77.4    |
| 3       | 69.4  | 0.0     | 64.4    | 83.4  | 0.0     | 77.7    |
| 4       | 74.6  | 60.2    | 63.5    | 88.5  | 73.0    | 76.7    |
| 5       | 68.9  | 0.0     | 59.7    | 80.1  | 0.0     | 72.3    |
| 6       | 66.4  | 57.4    | 61.0    | 79.7  | 66.0    | 73.8    |
| 7       | 66.3  | 0.0     | 62.6    | 79.5  | 0.0     | 75.6    |
| 8       | 66.9  | 1.3     | 62.2    | 80.2  | 1.1     | 75.1    |
| 9       | 67.2  | 57.4    | 60.9    | 80.4  | 67.1    | 73.5    |
| 10      | 66.8  | 1.4     | 62.8    | 80.8  | 1.1     | 75.7    |
| 11      | 64.8  | 55.1    | 60.6    | 77.9  | 63.6    | 73.0    |
| 12      | 67.5  | 57.8    | 62.1    | 79.8  | 64.7    | 74.6    |
| 13      | 65.8  | 59.0    | 62.0    | 78.7  | 71.7    | 74.4    |
| 14      | 67.1  | 0.0     | 62.0    | 79.2  | 0.0     | 74.6    |
| 15      | 68.5  | 51.9    | 62.7    | 79.0  | 62.5    | 75.3    |
| 16      | 67.2  | 0.0     | 63.0    | 79.7  | 0.0     | 75.5    |
| 17      | 65.2  | 1.4     | 61.3    | 77.8  | 1.1     | 73.6    |
| 18      | 65.6  | 1.7     | 60.3    | 78.0  | 1.2     | 72.3    |
| 19      | 65.0  | 55.6    | 61.8    | 77.5  | 67.3    | 73.8    |
| 20      | 68.7  | 1.5     | 63.3    | 79.5  | 1.2     | 75.6    |
| 21      | 66.9  | 1.4     | 63.4    | 79.6  | 1.1     | 75.7    |
| 22      | 65.4  | 0.0     | 12.6    | 77.7  | 0.0     | 26.4    |
| 23      | 0.0   | 0.0     | 0.0     | 0.0   | 0.0     | 0.0     |
| 24      | 0.0   | 0.0     | 0.0     | 0.0   | 0.0     | 0.0     |
| 25      | 0.0   | 0.0     | 0.0     | 0.0   | 0.0     | 0.0     |
| 26      | 0.0   | 0.0     | 0.0     | 77.1  | 0.0     | 0.9     |
| 27      | 0.0   | 0.0     | 0.0     | 0.0   | 0.0     | 0.0     |
| 28      | 0.0   | 0.0     | 0.0     | 0.0   | 0.0     | 0.0     |
| 29      | 0.0   | 0.0     | 0.0     | 0.0   | 0.0     | 0.0     |
| 30      | 0.0   | 0.0     | 0.0     | 0.0   | 0.0     | 0.0     |
| 31      | 0.0   | 0.0     | 0.0     | 0.0   | 0.0     | 0.0     |
| Total   |   |         |         |   |         |         |
| Average | 47.7  | 14.9    | 42.6    | 59.2  | 17.5    | 51.6    |
| Maximum | 74.6  |         | 64.4    | 88.5  |         | 77.7    |
| Date    | 4-Oct                                       |         | 3-Oct   | 4-Oct                                       |         | 3-Oct   |
| Minimum |   | 0.0     | 0.0     |   | 0.0     | 0.0     |
| Date    |   | 1-Oct   | 23-Oct  |   | 1-Oct   | 23-Oct  |

Notes:

# UV System Monthly Report

Month: October-16



| UV Reactor 2 |   |         |         |   |         |         |
|--------------|---|---------|---------|---|---------|---------|
| Date         | Intensity Sensor 1<br>(mW/cm <sup>2</sup> ) |         |         | Intensity Sensor 2<br>(mW/cm <sup>2</sup> ) |         |         |
|              | Maximum                                     | Minimum | Average | Maximum                                     | Minimum | Average |
| 1            | 0.0   | 0.0     | 0.0     | 0.0   | 0.0     | 0.0     |
| 2            | 0.0   | 0.0     | 0.0     | 0.0   | 0.0     | 0.0     |
| 3            | 0.0   | 0.0     | 0.0     | 0.0   | 0.0     | 0.0     |
| 4            | 0.0   | 0.0     | 0.0     | 0.0   | 0.0     | 0.0     |
| 5            | 0.0   | 0.0     | 0.0     | 0.0   | 0.0     | 0.0     |
| 6            | 0.0   | 0.0     | 0.0     | 0.0   | 0.0     | 0.0     |
| 7            | 0.0   | 0.0     | 0.0     | 0.0   | 0.0     | 0.0     |
| 8            | 0.0   | 0.0     | 0.0     | 0.0   | 0.0     | 0.0     |
| 9            | 0.0   | 0.0     | 0.0     | 0.0   | 0.0     | 0.0     |
| 10           | 0.0   | 0.0     | 0.0     | 0.0   | 0.0     | 0.0     |
| 11           | 0.0   | 0.0     | 0.0     | 0.0   | 0.0     | 0.0     |
| 12           | 0.0   | 0.0     | 0.0     | 0.0   | 0.0     | 0.0     |
| 13           | 0.0   | 0.0     | 0.0     | 0.0   | 0.0     | 0.0     |
| 14           | 0.0   | 0.0     | 0.0     | 0.0   | 0.0     | 0.0     |
| 15           | 0.0   | 0.0     | 0.0     | 0.0   | 0.0     | 0.0     |
| 16           | 0.0   | 0.0     | 0.0     | 0.0   | 0.0     | 0.0     |
| 17           | 0.0   | 0.0     | 0.0     | 0.0   | 0.0     | 0.0     |
| 18           | 0.0   | 0.0     | 0.0     | 0.0   | 0.0     | 0.0     |
| 19           | 0.0   | 0.0     | 0.0     | 0.0   | 0.0     | 0.0     |
| 20           | 0.0   | 0.0     | 0.0     | 0.0   | 0.0     | 0.0     |
| 21           | 0.0   | 0.0     | 0.0     | 0.0   | 0.0     | 0.0     |
| 22           | 0.0   | 0.0     | 0.0     | 0.0   | 0.0     | 0.0     |
| 23           | 0.0   | 0.0     | 0.0     | 0.0   | 0.0     | 0.0     |
| 24           | 0.0   | 0.0     | 0.0     | 0.0   | 0.0     | 0.0     |
| 25           | 0.0   | 0.0     | 0.0     | 0.0   | 0.0     | 0.0     |
| 26           | 0.0   | 0.0     | 0.0     | 0.0   | 0.0     | 0.0     |
| 27           | 0.0   | 0.0     | 0.0     | 0.0   | 0.0     | 0.0     |
| 28           | 0.0   | 0.0     | 0.0     | 0.0   | 0.0     | 0.0     |
| 29           | 0.0   | 0.0     | 0.0     | 0.0   | 0.0     | 0.0     |
| 30           | 0.0   | 0.0     | 0.0     | 0.0   | 0.0     | 0.0     |
| 31           | 0.0   | 0.0     | 0.0     | 0.0   | 0.0     | 0.0     |
| Total        |   |         |         |   |         |         |
| Average      | 0.0   | 0.0     | 0.0     | 0.0   | 0.0     | 0.0     |
| Maximum      | 0.0   |         | 0.0     | 0.0   |         | 0.0     |
| Date         | 1-Oct                                       |         | 1-Oct   | 1-Oct                                       |         | 1-Oct   |
| Minimum      |   | 0.0     | 0.0     |   | 0.0     | 0.0     |
| Date         |   | 1-Oct   | 1-Oct   |   | 1-Oct   | 1-Oct   |

Notes:

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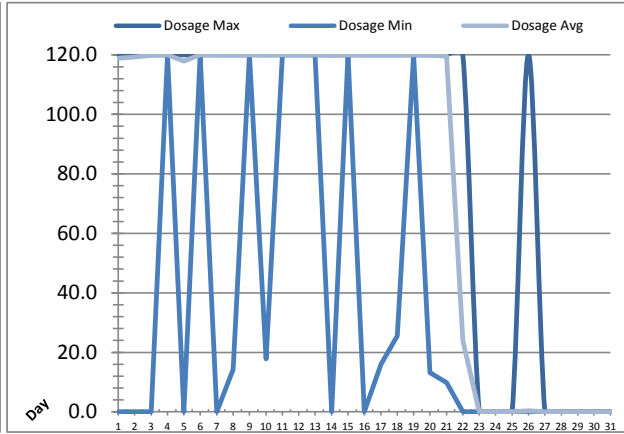
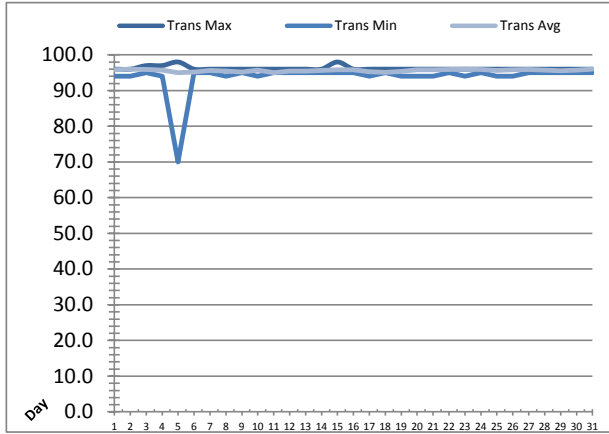
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# UV System Monthly Report

Month: **October-16**



| UV System |                   |         |         |                              |         |         |                  |
|-----------|-------------------|---------|---------|------------------------------|---------|---------|------------------|
| Date      | Transmittance (%) |         |         | Dosage (mJ/cm <sup>2</sup> ) |         |         | Inlet Flow (L/s) |
|           | Maximum           | Minimum | Average | Maximum                      | Minimum | Average | Maximum          |
| 1         | 96.00             | 94.00   | 95.86   | 120.0                        | 0.0     | 118.8   | 119.5            |
| 2         | 96.00             | 94.00   | 95.96   | 120.0                        | 0.0     | 119.3   | 91.2             |
| 3         | 97.00             | 95.00   | 95.95   | 120.0                        | 0.0     | 119.8   | 86.5             |
| 4         | 97.00             | 94.00   | 95.70   | 120.0                        | 120.0   | 120.0   | 87.3             |
| 5         | 98.00             | 70.00   | 95.00   | 120.0                        | 0.0     | 117.9   | 83.1             |
| 6         | 96.00             | 95.00   | 95.16   | 120.0                        | 120.0   | 120.0   | 77.9             |
| 7         | 96.00             | 95.00   | 95.60   | 120.0                        | 0.0     | 119.9   | 93.4             |
| 8         | 96.00             | 94.00   | 95.50   | 120.0                        | 14.3    | 119.9   | 78.7             |
| 9         | 96.00             | 95.00   | 95.23   | 120.0                        | 120.0   | 120.0   | 78.0             |
| 10        | 96.00             | 94.00   | 95.71   | 120.0                        | 17.8    | 119.9   | 91.8             |
| 11        | 96.00             | 95.00   | 95.04   | 120.0                        | 120.0   | 120.0   | 79.6             |
| 12        | 96.00             | 95.00   | 95.48   | 120.0                        | 120.0   | 120.0   | 75.9             |
| 13        | 96.00             | 95.00   | 95.44   | 120.0                        | 120.0   | 120.0   | 77.6             |
| 14        | 96.00             | 95.00   | 95.59   | 120.0                        | 0.0     | 119.8   | 87.6             |
| 15        | 98.00             | 95.00   | 95.84   | 120.0                        | 120.0   | 120.0   | 90.4             |
| 16        | 96.00             | 95.00   | 95.82   | 120.0                        | 0.0     | 119.9   | 87.2             |
| 17        | 96.00             | 94.00   | 95.29   | 120.0                        | 16.0    | 119.9   | 79.4             |
| 18        | 96.00             | 95.00   | 95.06   | 120.0                        | 25.6    | 119.9   | 93.9             |
| 19        | 96.00             | 94.00   | 95.40   | 120.0                        | 120.0   | 120.0   | 106.7            |
| 20        | 96.00             | 94.00   | 95.81   | 120.0                        | 13.2    | 119.8   | 85.4             |
| 21        | 96.00             | 94.00   | 95.84   | 120.0                        | 9.8     | 119.7   | 88.5             |
| 22        | 96.00             | 95.00   | 95.88   | 120.0                        | 0.0     | 23.9    | 88.5             |
| 23        | 96.00             | 94.00   | 95.96   | 0.0                          | 0.0     | 0.0     | 140.4            |
| 24        | 96.00             | 95.00   | 95.92   | 0.0                          | 0.0     | 0.0     | 139.7            |
| 25        | 96.00             | 94.00   | 95.64   | 0.0                          | 0.0     | 0.0     | 88.6             |
| 26        | 96.00             | 94.00   | 95.85   | 120.0                        | 0.0     | 0.3     | 87.1             |
| 27        | 96.00             | 95.00   | 95.86   | 0.0                          | 0.0     | 0.0     | 87.8             |
| 28        | 96.00             | 95.00   | 95.75   | 0.0                          | 0.0     | 0.0     | 86.4             |
| 29        | 96.00             | 95.00   | 95.51   | 0.0                          | 0.0     | 0.0     | 85.1             |
| 30        | 96.00             | 95.00   | 95.76   | 0.0                          | 0.0     | 0.0     | 89.4             |
| 31        | 96.00             | 95.00   | 95.97   | 0.0                          | 0.0     | 0.0     | 86.2             |
| Total     |                   |         |         |                              |         |         |                  |
| Average   | 96.19             | 93.81   | 95.63   | 89.0                         | 34.1    | 81.9    | 90.9             |
| Maximum   | 98.00             |         | 95.97   | 120.0                        |         | 120.0   | 140.4            |
| Date      | 5-Oct             |         | 31-Oct  | 1-Oct                        |         | 4-Oct   | 23-Oct           |
| Minimum   |                   | 70.00   | 95.00   |                              | 0.0     | 0.0     |                  |
| Date      |                   | 5-Oct   | 5-Oct   |                              | 1-Oct   | 23-Oct  |                  |

Notes:

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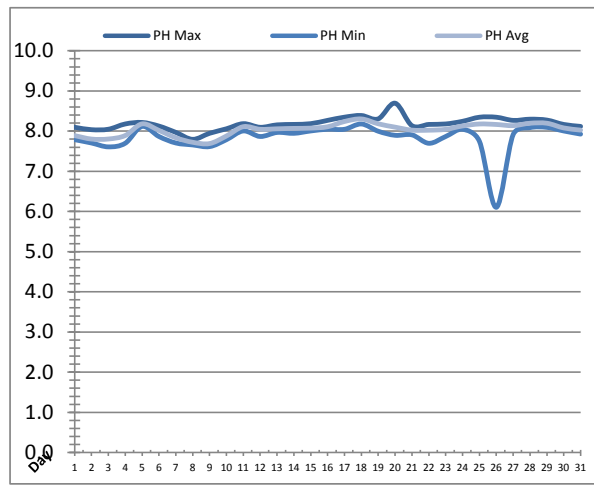
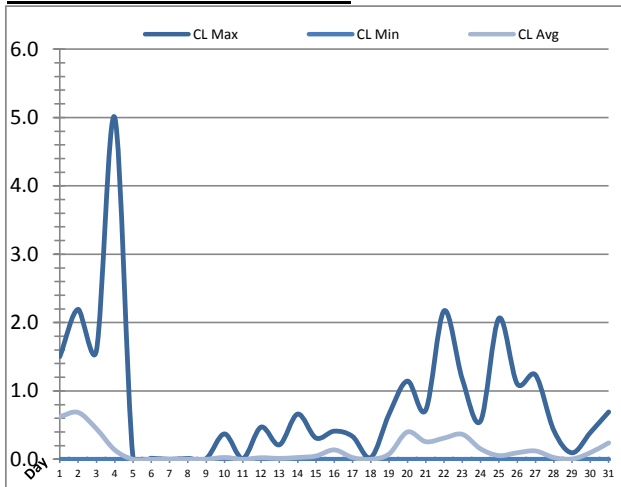
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# Plant Quality Report

Month: **October-16**



| Date    | Strainer Chlorine Residual |         |         | Strainer pH |         |         |
|---------|----------------------------|---------|---------|-------------|---------|---------|
|         | AIT_2003_CL (ppm)          |         |         | AIT_2003_PH |         |         |
|         | Maximum                    | Minimum | Average | Maximum     | Minimum | Average |
| 1       | 1.50                       | 0.00    | 0.62    | 8.10        | 7.79    | 7.89    |
| 2       | 2.19                       | 0.00    | 0.69    | 8.04        | 7.70    | 7.80    |
| 3       | 1.59                       | 0.00    | 0.45    | 8.05        | 7.61    | 7.80    |
| 4       | 5.00                       | 0.00    | 0.14    | 8.18        | 7.70    | 7.89    |
| 5       | 0.02                       | 0.00    | 0.00    | 8.22        | 8.12    | 8.18    |
| 6       | 0.02                       | 0.00    | 0.00    | 8.13        | 7.87    | 8.02    |
| 7       | 0.00                       | 0.00    | 0.00    | 7.97        | 7.71    | 7.83    |
| 8       | 0.01                       | 0.00    | 0.00    | 7.80        | 7.66    | 7.72    |
| 9       | 0.01                       | 0.00    | 0.00    | 7.95        | 7.61    | 7.69    |
| 10      | 0.37                       | 0.00    | 0.03    | 8.06        | 7.79    | 7.88    |
| 11      | 0.01                       | 0.00    | 0.00    | 8.19        | 8.00    | 8.11    |
| 12      | 0.47                       | 0.00    | 0.02    | 8.10        | 7.87    | 8.05    |
| 13      | 0.21                       | 0.00    | 0.01    | 8.16        | 7.97    | 8.06    |
| 14      | 0.66                       | 0.00    | 0.03    | 8.17        | 7.95    | 8.07    |
| 15      | 0.31                       | 0.00    | 0.05    | 8.19        | 8.00    | 8.07    |
| 16      | 0.41                       | 0.00    | 0.14    | 8.27        | 8.05    | 8.11    |
| 17      | 0.33                       | 0.00    | 0.03    | 8.35        | 8.05    | 8.24    |
| 18      | 0.03                       | 0.00    | 0.00    | 8.39        | 8.18    | 8.30    |
| 19      | 0.66                       | 0.00    | 0.08    | 8.31        | 8.00    | 8.18    |
| 20      | 1.14                       | 0.00    | 0.40    | 8.70        | 7.90    | 8.10    |
| 21      | 0.72                       | 0.00    | 0.26    | 8.14        | 7.91    | 8.03    |
| 22      | 2.17                       | 0.00    | 0.31    | 8.17        | 7.70    | 8.02    |
| 23      | 1.17                       | 0.00    | 0.37    | 8.18        | 7.87    | 8.04    |
| 24      | 0.56                       | 0.00    | 0.15    | 8.24        | 8.05    | 8.13    |
| 25      | 2.06                       | 0.00    | 0.05    | 8.35        | 7.75    | 8.18    |
| 26      | 1.10                       | 0.00    | 0.10    | 8.35        | 6.10    | 8.17    |
| 27      | 1.23                       | 0.00    | 0.12    | 8.27        | 7.91    | 8.14    |
| 28      | 0.42                       | 0.00    | 0.03    | 8.30        | 8.09    | 8.20    |
| 29      | 0.10                       | 0.00    | 0.00    | 8.28        | 8.09    | 8.20    |
| 30      | 0.39                       | 0.00    | 0.10    | 8.17        | 8.00    | 8.08    |
| 31      | 0.69                       | 0.00    | 0.24    | 8.12        | 7.93    | 8.03    |
| Total   |                            |         |         |             |         |         |
| Average | 0.83                       | 0.00    | 0.14    | 8.19        | 7.84    | 8.04    |
| Maximum | 5.00                       |         | 0.69    | 8.70        |         | 8.30    |
| Date    | 4-Oct                      |         | 2-Oct   | 20-Oct      |         | 18-Oct  |
| Minimum |                            | 0.00    | 0.00    |             | 6.10    | 7.69    |
| Date    |                            | 1-Oct   | 5-Oct   |             | 26-Oct  | 9-Oct   |

Notes:

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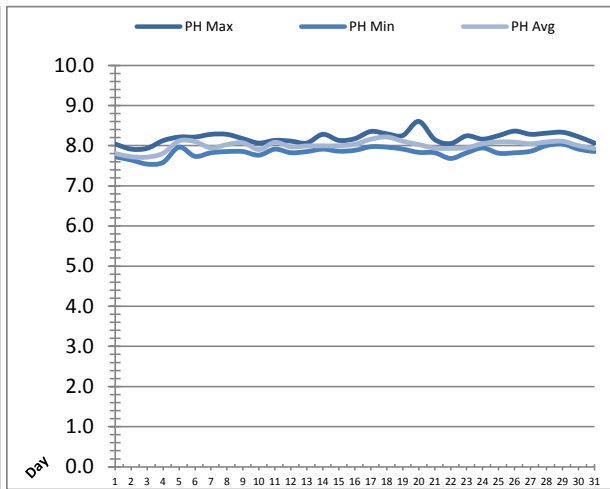
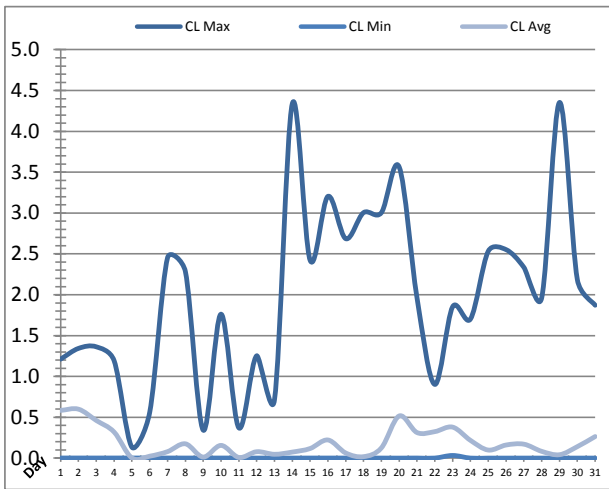
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# Plant Quality Report

Month: October-16



| Date    | Inlet UV Chlorine Residual |         |         | Inlet UV pH |         |         |
|---------|----------------------------|---------|---------|-------------|---------|---------|
|         | AIT_5005_CL<br>(ppm)       |         |         | AIT_5005_PH |         |         |
|         | Maximum                    | Minimum | Average | Maximum     | Minimum | Average |
| 1       | 1.21                       | 0.00    | 0.58    | 8.04        | 7.72    | 7.80    |
| 2       | 1.34                       | 0.00    | 0.60    | 7.91        | 7.64    | 7.72    |
| 3       | 1.36                       | 0.00    | 0.46    | 7.93        | 7.54    | 7.71    |
| 4       | 1.19                       | 0.00    | 0.32    | 8.12        | 7.58    | 7.81    |
| 5       | 0.13                       | 0.00    | 0.00    | 8.21        | 7.96    | 8.12    |
| 6       | 0.56                       | 0.00    | 0.02    | 8.21        | 7.73    | 8.10    |
| 7       | 2.45                       | 0.00    | 0.08    | 8.28        | 7.82    | 7.94    |
| 8       | 2.29                       | 0.00    | 0.18    | 8.28        | 7.85    | 8.03    |
| 9       | 0.34                       | 0.00    | 0.01    | 8.17        | 7.85    | 8.07    |
| 10      | 1.76                       | 0.00    | 0.16    | 8.06        | 7.76    | 7.90    |
| 11      | 0.37                       | 0.00    | 0.01    | 8.13        | 7.91    | 8.08    |
| 12      | 1.25                       | 0.00    | 0.08    | 8.11        | 7.82    | 7.97    |
| 13      | 0.71                       | 0.00    | 0.05    | 8.06        | 7.85    | 7.99    |
| 14      | 4.34                       | 0.00    | 0.07    | 8.28        | 7.91    | 8.00    |
| 15      | 2.42                       | 0.00    | 0.12    | 8.13        | 7.86    | 8.00    |
| 16      | 3.20                       | 0.00    | 0.22    | 8.17        | 7.88    | 8.03    |
| 17      | 2.69                       | 0.00    | 0.06    | 8.35        | 7.97    | 8.16    |
| 18      | 3.01                       | 0.00    | 0.02    | 8.29        | 7.96    | 8.22    |
| 19      | 3.00                       | 0.00    | 0.13    | 8.25        | 7.91    | 8.11    |
| 20      | 3.56                       | 0.00    | 0.52    | 8.60        | 7.83    | 8.03    |
| 21      | 1.96                       | 0.00    | 0.31    | 8.15        | 7.82    | 7.94    |
| 22      | 0.90                       | 0.00    | 0.32    | 8.05        | 7.68    | 7.93    |
| 23      | 1.85                       | 0.03    | 0.38    | 8.24        | 7.82    | 7.95    |
| 24      | 1.70                       | 0.00    | 0.22    | 8.16        | 7.94    | 8.05    |
| 25      | 2.53                       | 0.00    | 0.10    | 8.25        | 7.81    | 8.09    |
| 26      | 2.55                       | 0.00    | 0.16    | 8.36        | 7.82    | 8.09    |
| 27      | 2.34                       | 0.00    | 0.17    | 8.28        | 7.86    | 8.05    |
| 28      | 1.96                       | 0.00    | 0.08    | 8.31        | 8.00    | 8.09    |
| 29      | 4.35                       | 0.00    | 0.04    | 8.33        | 8.04    | 8.11    |
| 30      | 2.18                       | 0.00    | 0.14    | 8.22        | 7.91    | 8.00    |
| 31      | 1.87                       | 0.00    | 0.26    | 8.06        | 7.85    | 7.93    |
| Total   |                            |         |         |             |         |         |
| Average | 1.98                       | 0.00    | 0.19    | 8.20        | 7.84    | 8.00    |
| Maximum | 4.35                       |         | 0.60    | 8.60        |         | 8.22    |
| Date    | 29-Oct                     |         | 2-Oct   | 20-Oct      |         | 18-Oct  |
| Minimum |                            | 0.00    | 0.00    |             | 7.54    | 7.71    |
| Date    |                            | 20-Oct  | 5-Oct   |             | 3-Oct   | 3-Oct   |

Notes:

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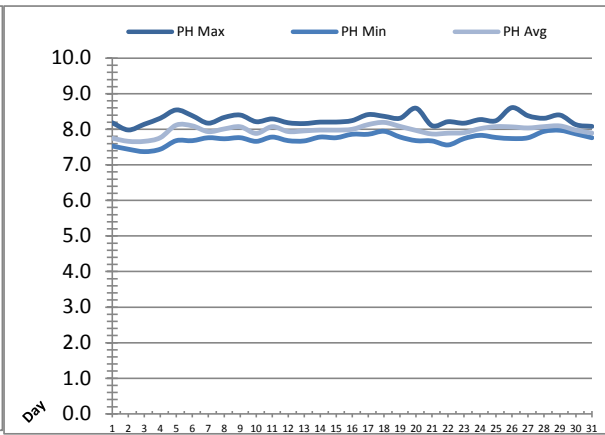
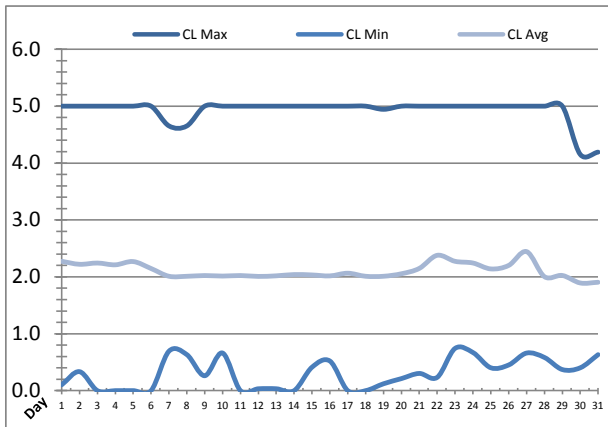


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**Plant Quality Report**

Month: October-16



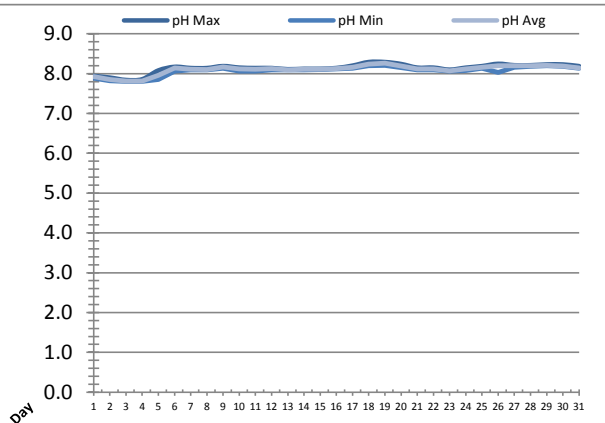
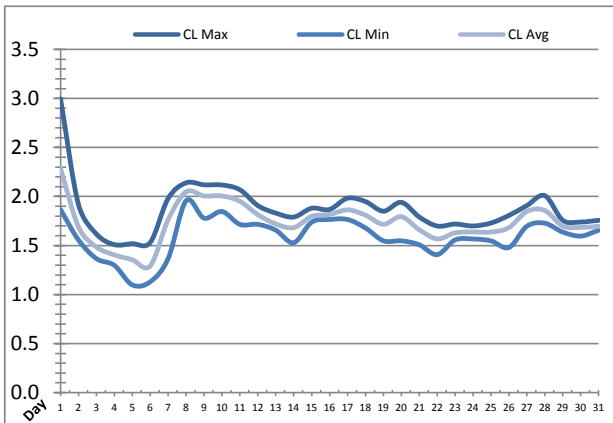


| Date    | Discharge UV Chlorine Residual |         |         | Discharge UV pH |         |         |
|---------|--------------------------------|---------|---------|-----------------|---------|---------|
|         | AIT_5006_CL<br>(ppm)           |         |         | AIT_5006_PH     |         |         |
|         | Maximum                        | Minimum | Average | Maximum         | Minimum | Average |
| 1       | 5.00                           | 0.10    | 2.27    | 8.18            | 7.53    | 7.75    |
| 2       | 5.00                           | 0.33    | 2.22    | 7.98            | 7.44    | 7.66    |
| 3       | 5.00                           | 0.00    | 2.24    | 8.14            | 7.37    | 7.66    |
| 4       | 5.00                           | 0.00    | 2.21    | 8.31            | 7.44    | 7.76    |
| 5       | 5.00                           | 0.00    | 2.27    | 8.54            | 7.68    | 8.12    |
| 6       | 5.00                           | 0.00    | 2.15    | 8.38            | 7.68    | 8.10    |
| 7       | 4.65                           | 0.69    | 2.01    | 8.17            | 7.76    | 7.93    |
| 8       | 4.65                           | 0.63    | 2.01    | 8.33            | 7.73    | 8.01    |
| 9       | 5.00                           | 0.26    | 2.02    | 8.40            | 7.76    | 8.07    |
| 10      | 5.00                           | 0.66    | 2.01    | 8.21            | 7.66    | 7.89    |
| 11      | 5.00                           | 0.00    | 2.02    | 8.29            | 7.78    | 8.07    |
| 12      | 5.00                           | 0.03    | 2.01    | 8.18            | 7.68    | 7.94    |
| 13      | 5.00                           | 0.03    | 2.02    | 8.16            | 7.67    | 7.96    |
| 14      | 5.00                           | 0.00    | 2.04    | 8.20            | 7.78    | 7.98    |
| 15      | 5.00                           | 0.41    | 2.03    | 8.20            | 7.76    | 7.98    |
| 16      | 5.00                           | 0.52    | 2.02    | 8.24            | 7.86    | 8.00    |
| 17      | 5.00                           | 0.00    | 2.06    | 8.41            | 7.86    | 8.13    |
| 18      | 5.00                           | 0.00    | 2.01    | 8.37            | 7.94    | 8.19    |
| 19      | 4.94                           | 0.12    | 2.01    | 8.31            | 7.78    | 8.08    |
| 20      | 5.00                           | 0.21    | 2.05    | 8.59            | 7.68    | 7.97    |
| 21      | 5.00                           | 0.30    | 2.15    | 8.10            | 7.67    | 7.87    |
| 22      | 5.00                           | 0.23    | 2.38    | 8.21            | 7.56    | 7.89    |
| 23      | 5.00                           | 0.74    | 2.27    | 8.17            | 7.74    | 7.91    |
| 24      | 5.00                           | 0.67    | 2.24    | 8.27            | 7.83    | 8.02    |
| 25      | 5.00                           | 0.40    | 2.14    | 8.24            | 7.77    | 8.08    |
| 26      | 5.00                           | 0.45    | 2.20    | 8.61            | 7.74    | 8.07    |
| 27      | 5.00                           | 0.66    | 2.44    | 8.38            | 7.76    | 8.04    |
| 28      | 5.00                           | 0.58    | 2.00    | 8.31            | 7.94    | 8.08    |
| 29      | 5.00                           | 0.37    | 2.02    | 8.40            | 7.97    | 8.09    |
| 30      | 4.15                           | 0.40    | 1.89    | 8.13            | 7.87    | 7.97    |
| 31      | 4.19                           | 0.63    | 1.90    | 8.08            | 7.76    | 7.90    |
| Total   |                                |         |         |                 |         |         |
| Average | 4.92                           | 0.31    | 2.11    | 8.28            | 7.73    | 7.97    |
| Maximum | 5.00                           |         | 2.44    | 8.61            |         | 8.19    |
| Date    | 1-Oct                          |         | 27-Oct  | 26-Oct          |         | 18-Oct  |
| Minimum |                                | 0.00    | 1.89    |                 | 7.37    | 7.66    |
| Date    |                                | 3-Oct   | 30-Oct  |                 | 3-Oct   | 2-Oct   |

Notes:

# Plant Quality Report

Month: **October-16**

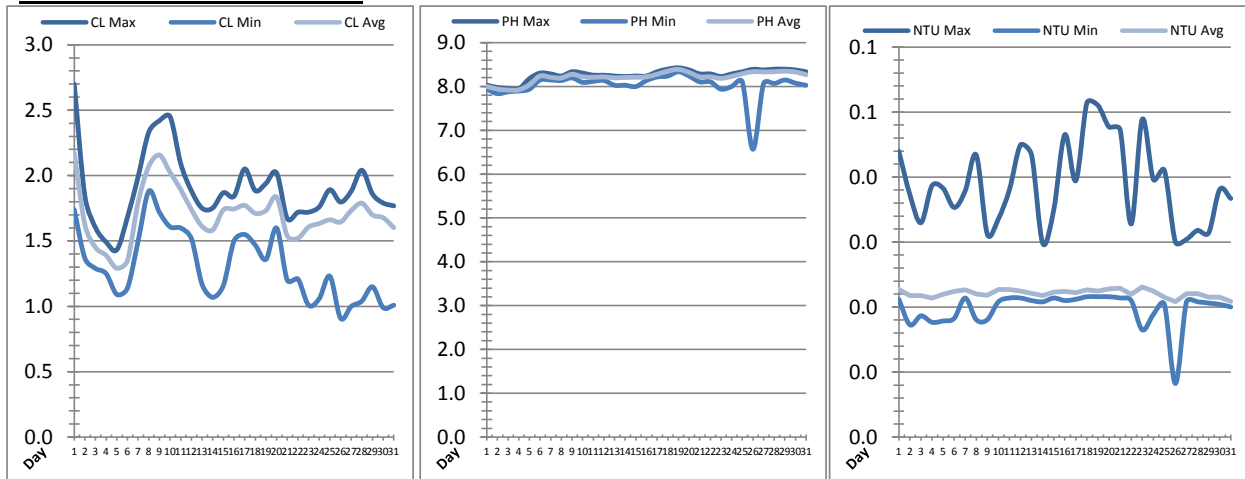


| Date    | Suction Header Chlorine Res. |         |         | Suction Header pH |         |         | Distribution CT Calc Total     |         |         |
|---------|------------------------------|---------|---------|-------------------|---------|---------|--------------------------------|---------|---------|
|         | AIT_7001_CL (ppm)            |         |         | AIT_7001_PH (m)   |         |         | REAL_CT_CALC_TOTAL (mg*ml/min) |         |         |
|         | Maximum                      | Minimum | Average | Maximum           | Minimum | Average | Maximum                        | Minimum | Average |
| 1       | 3.00                         | 1.87    | 2.29    | 7.94              | 7.89    | 7.93    | 5170.98                        | 0.00    | 463.56  |
| 2       | 1.92                         | 1.56    | 1.69    | 7.90              | 7.82    | 7.85    | 8182.62                        | 0.00    | 384.57  |
| 3       | 1.62                         | 1.37    | 1.49    | 7.84              | 7.81    | 7.81    | 4126.64                        | 0.00    | 426.18  |
| 4       | 1.51                         | 1.30    | 1.40    | 7.86              | 7.81    | 7.82    | 6531.56                        | 0.00    | 365.88  |
| 5       | 1.52                         | 1.10    | 1.35    | 8.08              | 7.85    | 7.96    | 7324.70                        | 0.00    | 308.62  |
| 6       | 1.53                         | 1.13    | 1.29    | 8.17              | 8.07    | 8.14    | 7227.90                        | 0.00    | 276.39  |
| 7       | 1.98                         | 1.37    | 1.76    | 8.14              | 8.09    | 8.11    | 11854.52                       | 0.00    | 499.40  |
| 8       | 2.14                         | 1.96    | 2.05    | 8.14              | 8.09    | 8.10    | 13294.27                       | 0.00    | 592.31  |
| 9       | 2.12                         | 1.78    | 2.01    | 8.19              | 8.14    | 8.16    | 12718.83                       | 0.00    | 651.78  |
| 10      | 2.12                         | 1.85    | 2.01    | 8.15              | 8.06    | 8.12    | 5057.08                        | 0.00    | 449.01  |
| 11      | 2.07                         | 1.72    | 1.95    | 8.14              | 8.06    | 8.11    | 4755.00                        | 0.00    | 465.21  |
| 12      | 1.91                         | 1.72    | 1.81    | 8.14              | 8.09    | 8.12    | 4593.21                        | 0.00    | 613.35  |
| 13      | 1.83                         | 1.66    | 1.72    | 8.11              | 8.09    | 8.10    | 4546.05                        | 0.00    | 399.82  |
| 14      | 1.79                         | 1.53    | 1.68    | 8.12              | 8.09    | 8.11    | 4902.24                        | 0.00    | 374.30  |
| 15      | 1.88                         | 1.74    | 1.80    | 8.12              | 8.11    | 8.11    | 8920.71                        | 0.00    | 404.05  |
| 16      | 1.87                         | 1.77    | 1.82    | 8.14              | 8.12    | 8.12    | 4470.06                        | 0.00    | 515.78  |
| 17      | 1.98                         | 1.77    | 1.86    | 8.20              | 8.14    | 8.16    | 4334.96                        | 0.00    | 595.99  |
| 18      | 1.95                         | 1.68    | 1.81    | 8.29              | 8.20    | 8.24    | 4670.30                        | 0.00    | 555.37  |
| 19      | 1.85                         | 1.55    | 1.72    | 8.29              | 8.21    | 8.27    | 4746.74                        | 0.00    | 417.55  |
| 20      | 1.94                         | 1.55    | 1.79    | 8.24              | 8.15    | 8.19    | 10208.43                       | 0.00    | 357.78  |
| 21      | 1.79                         | 1.51    | 1.66    | 8.15              | 8.09    | 8.12    | 11184.24                       | 0.00    | 235.74  |
| 22      | 1.70                         | 1.41    | 1.57    | 8.15              | 8.09    | 8.12    | 4600.28                        | 0.00    | 338.30  |
| 23      | 1.72                         | 1.56    | 1.63    | 8.10              | 8.06    | 8.07    | 10715.38                       | 0.00    | 242.94  |
| 24      | 1.70                         | 1.57    | 1.64    | 8.15              | 8.08    | 8.12    | 8212.12                        | 0.00    | 439.51  |
| 25      | 1.73                         | 1.55    | 1.64    | 8.19              | 8.14    | 8.16    | 4620.73                        | 0.00    | 444.31  |
| 26      | 1.81                         | 1.48    | 1.68    | 8.24              | 8.03    | 8.20    | 10461.10                       | 0.00    | 384.29  |
| 27      | 1.91                         | 1.70    | 1.85    | 8.21              | 8.15    | 8.20    | 4814.67                        | 0.00    | 322.55  |
| 28      | 2.01                         | 1.73    | 1.86    | 8.21              | 8.18    | 8.20    | 9499.55                        | 0.00    | 184.40  |
| 29      | 1.76                         | 1.64    | 1.70    | 8.23              | 8.20    | 8.21    | 5049.11                        | 0.00    | 453.03  |
| 30      | 1.74                         | 1.60    | 1.68    | 8.23              | 8.18    | 8.19    | 4087.70                        | 0.00    | 434.23  |
| 31      | 1.76                         | 1.66    | 1.70    | 8.19              | 8.14    | 8.14    | 4778.06                        | 0.00    | 506.40  |
| Total   |                              |         |         |                   |         |         |                                |         |         |
| Average | 1.88                         | 1.59    | 1.74    | 8.13              | 8.07    | 8.11    | 8.13                           | 8.07    | 8.11    |
| Maximum | 3.00                         |         | 2.29    | 8.29              |         | 8.27    | 8.29                           |         | 8.27    |
| Date    | 1-Oct                        |         | 1-Oct   | 18-Oct            |         | 19-Oct  | 18-Oct                         |         | 19-Oct  |
| Minimum |                              | 1.10    | 1.29    |                   | 7.81    | 7.81    |                                | 7.81    | 7.81    |
| Date    |                              | 5-Oct   | 6-Oct   |                   | 3-Oct   | 3-Oct   |                                | 3-Oct   | 3-Oct   |

Notes:

# Plant Quality Report

Month: **October-16**



| Date    | Distribution Chlorine Header |         |         | Distribution pH    |         |         | Distribution Turbidity |         |         |
|---------|------------------------------|---------|---------|--------------------|---------|---------|------------------------|---------|---------|
|         | AIT_7004_CL (ppm)            |         |         | AIT_7004_PH (mg/L) |         |         | AIT_7003 (mg/L)        |         |         |
|         | Maximum                      | Minimum | Average | Maximum            | Minimum | Average | Maximum                | Minimum | Average |
| 1       | 2.70                         | 1.74    | 2.17    | 8.03               | 7.94    | 8.00    | 0.04                   | 0.02    | 0.02    |
| 2       | 1.84                         | 1.37    | 1.63    | 7.98               | 7.84    | 7.94    | 0.04                   | 0.02    | 0.02    |
| 3       | 1.60                         | 1.29    | 1.45    | 7.96               | 7.88    | 7.92    | 0.03                   | 0.02    | 0.02    |
| 4       | 1.49                         | 1.25    | 1.39    | 7.95               | 7.90    | 7.92    | 0.04                   | 0.02    | 0.02    |
| 5       | 1.43                         | 1.09    | 1.29    | 8.18               | 7.94    | 8.04    | 0.04                   | 0.02    | 0.02    |
| 6       | 1.68                         | 1.14    | 1.35    | 8.31               | 8.15    | 8.24    | 0.04                   | 0.02    | 0.02    |
| 7       | 1.99                         | 1.50    | 1.80    | 8.29               | 8.15    | 8.21    | 0.04                   | 0.02    | 0.02    |
| 8       | 2.33                         | 1.88    | 2.07    | 8.24               | 8.14    | 8.19    | 0.04                   | 0.02    | 0.02    |
| 9       | 2.42                         | 1.72    | 2.16    | 8.34               | 8.20    | 8.28    | 0.03                   | 0.02    | 0.02    |
| 10      | 2.45                         | 1.61    | 2.02    | 8.31               | 8.09    | 8.22    | 0.03                   | 0.02    | 0.02    |
| 11      | 2.09                         | 1.60    | 1.89    | 8.26               | 8.12    | 8.21    | 0.04                   | 0.02    | 0.02    |
| 12      | 1.88                         | 1.52    | 1.74    | 8.26               | 8.14    | 8.22    | 0.04                   | 0.02    | 0.02    |
| 13      | 1.75                         | 1.17    | 1.61    | 8.24               | 8.03    | 8.20    | 0.04                   | 0.02    | 0.02    |
| 14      | 1.75                         | 1.07    | 1.58    | 8.23               | 8.03    | 8.21    | 0.03                   | 0.02    | 0.02    |
| 15      | 1.87                         | 1.16    | 1.74    | 8.24               | 8.00    | 8.21    | 0.03                   | 0.02    | 0.02    |
| 16      | 1.84                         | 1.50    | 1.74    | 8.24               | 8.14    | 8.22    | 0.05                   | 0.02    | 0.02    |
| 17      | 2.05                         | 1.55    | 1.77    | 8.34               | 8.22    | 8.28    | 0.04                   | 0.02    | 0.02    |
| 18      | 1.88                         | 1.47    | 1.71    | 8.40               | 8.24    | 8.35    | 0.05                   | 0.02    | 0.02    |
| 19      | 1.94                         | 1.36    | 1.73    | 8.43               | 8.33    | 8.39    | 0.05                   | 0.02    | 0.02    |
| 20      | 2.02                         | 1.60    | 1.83    | 8.38               | 8.24    | 8.32    | 0.05                   | 0.02    | 0.02    |
| 21      | 1.67                         | 1.20    | 1.54    | 8.29               | 8.11    | 8.22    | 0.05                   | 0.02    | 0.02    |
| 22      | 1.72                         | 1.21    | 1.52    | 8.29               | 8.11    | 8.22    | 0.03                   | 0.02    | 0.02    |
| 23      | 1.72                         | 1.01    | 1.61    | 8.23               | 7.94    | 8.18    | 0.05                   | 0.02    | 0.02    |
| 24      | 1.76                         | 1.06    | 1.63    | 8.29               | 8.00    | 8.23    | 0.04                   | 0.02    | 0.02    |
| 25      | 1.89                         | 1.23    | 1.66    | 8.33               | 8.11    | 8.29    | 0.04                   | 0.02    | 0.02    |
| 26      | 1.80                         | 0.91    | 1.65    | 8.39               | 6.57    | 8.34    | 0.03                   | 0.01    | 0.02    |
| 27      | 1.88                         | 1.00    | 1.73    | 8.38               | 8.06    | 8.33    | 0.03                   | 0.02    | 0.02    |
| 28      | 2.04                         | 1.04    | 1.79    | 8.39               | 8.06    | 8.34    | 0.03                   | 0.02    | 0.02    |
| 29      | 1.86                         | 1.15    | 1.70    | 8.39               | 8.15    | 8.35    | 0.03                   | 0.02    | 0.02    |
| 30      | 1.79                         | 0.99    | 1.68    | 8.38               | 8.08    | 8.33    | 0.04                   | 0.02    | 0.02    |
| 31      | 1.77                         | 1.01    | 1.60    | 8.33               | 8.03    | 8.27    | 0.04                   | 0.02    | 0.02    |
| Total   |                              |         |         |                    |         |         |                        |         |         |
| Average | 1.90                         | 1.30    | 1.70    | 8.27               | 8.03    | 8.21    | 0.0                    | 0.0     | 0.0     |
| Maximum | 2.70                         |         | 2.17    | 8.43               |         | 8.39    | 0.1                    |         | 0.0     |
| Date    | 1-Oct                        |         | 1-Oct   | 19-Oct             |         | 19-Oct  | 18-Oct                 |         | 23-Oct  |
| Minimum |                              | 0.91    | 1.29    |                    | 6.57    | 7.92    |                        | 0.0     | 0.0     |
| Date    |                              | 26-Oct  | 5-Oct   |                    | 26-Oct  | 3-Oct   |                        | 26-Oct  | 26-Oct  |

Notes:

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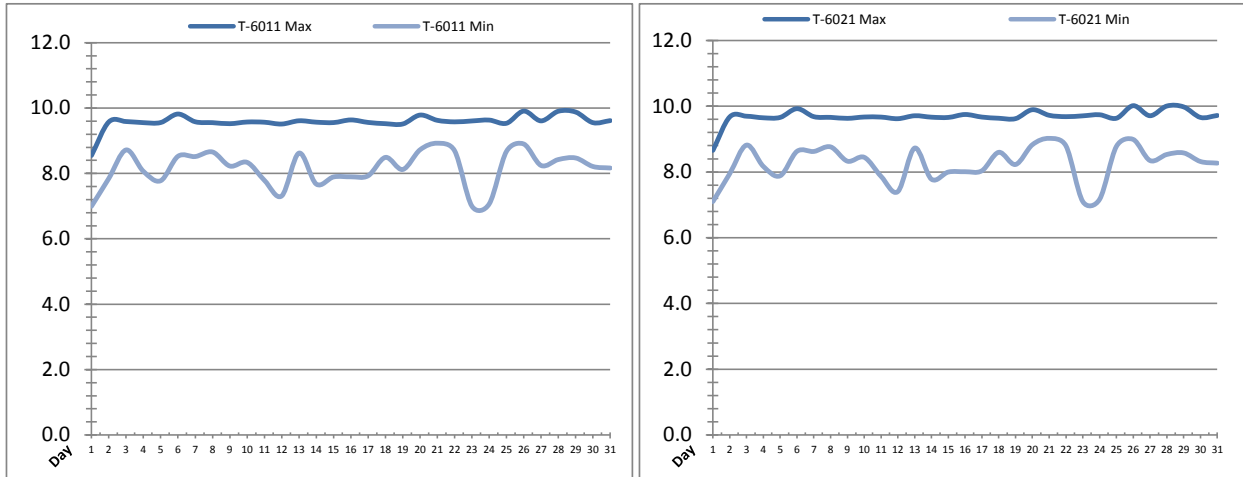
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# Raw Well/Treated Storage Report

Month: October-16

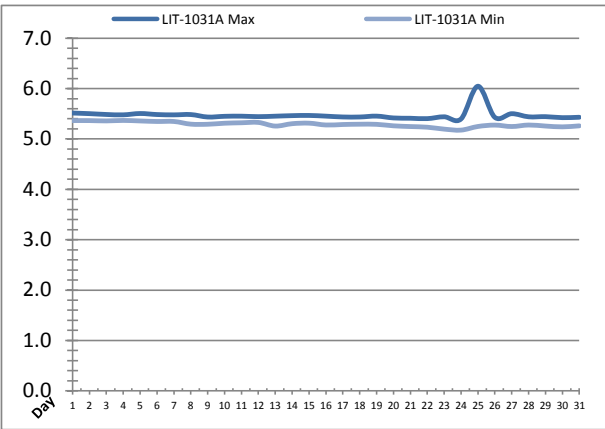
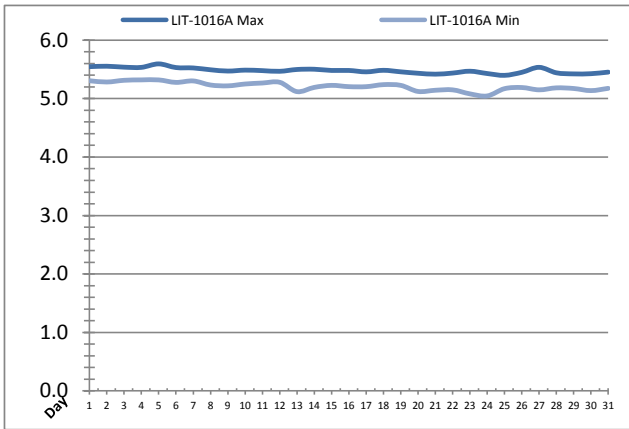


| Date    | Treated Water Storage Tank |         |         |            |         |         |
|---------|----------------------------|---------|---------|------------|---------|---------|
|         | T-6011 (m)                 |         |         | T-6021 (m) |         |         |
|         | Maximum                    | Minimum | Average | Maximum    | Minimum | Average |
| 1       | 8.6                        | 7.0     | 7.7     | 8.7        | 7.1     | 7.8     |
| 2       | 9.6                        | 7.8     | 8.8     | 9.7        | 7.9     | 8.9     |
| 3       | 9.6                        | 8.7     | 9.2     | 9.7        | 8.8     | 9.3     |
| 4       | 9.6                        | 8.1     | 8.9     | 9.6        | 8.2     | 9.0     |
| 5       | 9.6                        | 7.8     | 8.8     | 9.7        | 7.9     | 8.9     |
| 6       | 9.8                        | 8.5     | 9.2     | 9.9        | 8.6     | 9.3     |
| 7       | 9.6                        | 8.5     | 9.1     | 9.7        | 8.6     | 9.2     |
| 8       | 9.6                        | 8.7     | 9.2     | 9.7        | 8.8     | 9.3     |
| 9       | 9.5                        | 8.2     | 8.9     | 9.6        | 8.3     | 9.0     |
| 10      | 9.6                        | 8.3     | 9.0     | 9.7        | 8.4     | 9.1     |
| 11      | 9.6                        | 7.8     | 8.8     | 9.7        | 7.9     | 8.9     |
| 12      | 9.5                        | 7.3     | 8.4     | 9.6        | 7.4     | 8.5     |
| 13      | 9.6                        | 8.6     | 9.2     | 9.7        | 8.7     | 9.3     |
| 14      | 9.6                        | 7.7     | 8.9     | 9.7        | 7.8     | 9.0     |
| 15      | 9.6                        | 7.9     | 8.9     | 9.7        | 8.0     | 9.0     |
| 16      | 9.6                        | 7.9     | 9.0     | 9.7        | 8.0     | 9.1     |
| 17      | 9.6                        | 7.9     | 8.9     | 9.7        | 8.0     | 9.0     |
| 18      | 9.5                        | 8.5     | 9.1     | 9.6        | 8.6     | 9.2     |
| 19      | 9.5                        | 8.1     | 8.8     | 9.6        | 8.2     | 8.9     |
| 20      | 9.8                        | 8.7     | 9.3     | 9.9        | 8.8     | 9.4     |
| 21      | 9.6                        | 8.9     | 9.4     | 9.7        | 9.0     | 9.5     |
| 22      | 9.6                        | 8.7     | 9.2     | 9.7        | 8.8     | 9.3     |
| 23      | 9.6                        | 7.0     | 9.0     | 9.7        | 7.1     | 9.1     |
| 24      | 9.6                        | 7.1     | 8.9     | 9.7        | 7.2     | 9.0     |
| 25      | 9.5                        | 8.7     | 9.1     | 9.6        | 8.8     | 9.3     |
| 26      | 9.9                        | 8.9     | 9.3     | 10.0       | 9.0     | 9.4     |
| 27      | 9.6                        | 8.2     | 9.2     | 9.7        | 8.3     | 9.3     |
| 28      | 9.9                        | 8.4     | 9.2     | 10.0       | 8.5     | 9.3     |
| 29      | 9.9                        | 8.5     | 9.3     | 10.0       | 8.6     | 9.4     |
| 30      | 9.6                        | 8.2     | 9.1     | 9.7        | 8.3     | 9.2     |
| 31      | 9.6                        | 8.2     | 9.2     | 9.7        | 8.3     | 9.3     |
| Total   |                            |         |         |            |         |         |
| Average | 9.6                        | 8.2     | 9.0     | 9.7        | 8.3     | 9.1     |
| Maximum | 9.9                        |         | 9.4     | 10.0       |         | 9.5     |
| Date    | 26-Oct                     |         | 21-Oct  | 26-Oct     |         | 21-Oct  |
| Minimum |                            | 7.0     | 7.7     |            | 7.1     | 7.8     |
| Date    |                            | 1-Oct   | 1-Oct   |            | 1-Oct   | 1-Oct   |

Notes:

# Raw Well/Treated Storage Report

Month: October-16



| Date    | Low Lift Intake Levels         |         |         |                                |         |         |
|---------|--------------------------------|---------|---------|--------------------------------|---------|---------|
|         | Wet Well #1 (LIT-1016A)<br>(m) |         |         | Wet Well #2 (LIT-1031A)<br>(m) |         |         |
|         | Maximum                        | Minimum | Average | Maximum                        | Minimum | Average |
| 1       | 5.5                            | 5.3     | 5.4     | 5.5                            | 5.4     | 5.4     |
| 2       | 5.6                            | 5.3     | 5.4     | 5.5                            | 5.4     | 5.4     |
| 3       | 5.5                            | 5.3     | 5.4     | 5.5                            | 5.4     | 5.4     |
| 4       | 5.5                            | 5.3     | 5.4     | 5.5                            | 5.4     | 5.4     |
| 5       | 5.6                            | 5.3     | 5.4     | 5.5                            | 5.4     | 5.4     |
| 6       | 5.5                            | 5.3     | 5.4     | 5.5                            | 5.3     | 5.4     |
| 7       | 5.5                            | 5.3     | 5.4     | 5.5                            | 5.3     | 5.4     |
| 8       | 5.5                            | 5.2     | 5.4     | 5.5                            | 5.3     | 5.4     |
| 9       | 5.5                            | 5.2     | 5.3     | 5.4                            | 5.3     | 5.3     |
| 10      | 5.5                            | 5.2     | 5.3     | 5.4                            | 5.3     | 5.4     |
| 11      | 5.5                            | 5.3     | 5.3     | 5.5                            | 5.3     | 5.4     |
| 12      | 5.5                            | 5.3     | 5.3     | 5.4                            | 5.3     | 5.4     |
| 13      | 5.5                            | 5.1     | 5.3     | 5.5                            | 5.3     | 5.3     |
| 14      | 5.5                            | 5.2     | 5.3     | 5.5                            | 5.3     | 5.4     |
| 15      | 5.5                            | 5.2     | 5.3     | 5.5                            | 5.3     | 5.4     |
| 16      | 5.5                            | 5.2     | 5.3     | 5.5                            | 5.3     | 5.4     |
| 17      | 5.5                            | 5.2     | 5.3     | 5.4                            | 5.3     | 5.4     |
| 18      | 5.5                            | 5.2     | 5.3     | 5.4                            | 5.3     | 5.4     |
| 19      | 5.5                            | 5.2     | 5.3     | 5.5                            | 5.3     | 5.3     |
| 20      | 5.4                            | 5.1     | 5.3     | 5.4                            | 5.3     | 5.3     |
| 21      | 5.4                            | 5.1     | 5.3     | 5.4                            | 5.2     | 5.3     |
| 22      | 5.4                            | 5.1     | 5.3     | 5.4                            | 5.2     | 5.3     |
| 23      | 5.5                            | 5.1     | 5.3     | 5.4                            | 5.2     | 5.4     |
| 24      | 5.4                            | 5.0     | 5.2     | 5.4                            | 5.2     | 5.3     |
| 25      | 5.4                            | 5.2     | 5.3     | 6.0                            | 5.2     | 5.3     |
| 26      | 5.4                            | 5.2     | 5.3     | 5.4                            | 5.3     | 5.3     |
| 27      | 5.5                            | 5.1     | 5.3     | 5.5                            | 5.2     | 5.4     |
| 28      | 5.4                            | 5.2     | 5.3     | 5.4                            | 5.3     | 5.3     |
| 29      | 5.4                            | 5.2     | 5.3     | 5.4                            | 5.3     | 5.4     |
| 30      | 5.4                            | 5.1     | 5.3     | 5.4                            | 5.2     | 5.3     |
| 31      | 5.5                            | 5.2     | 5.3     | 5.4                            | 5.3     | 5.3     |
| Total   |                                |         |         |                                |         |         |
| Average | 5.5                            | 5.2     | 5.3     | 5.5                            | 5.3     | 5.4     |
| Maximum | 5.6                            |         | 5.4     | 6.0                            |         | 5.4     |
| Date    | 5-Oct                          |         | 5-Oct   | 25-Oct                         |         | 5-Oct   |
| Minimum |                                | 5.0     | 5.2     |                                | 5.2     | 5.3     |
| Date    |                                | 24-Oct  | 24-Oct  |                                | 24-Oct  | 24-Oct  |

Notes:

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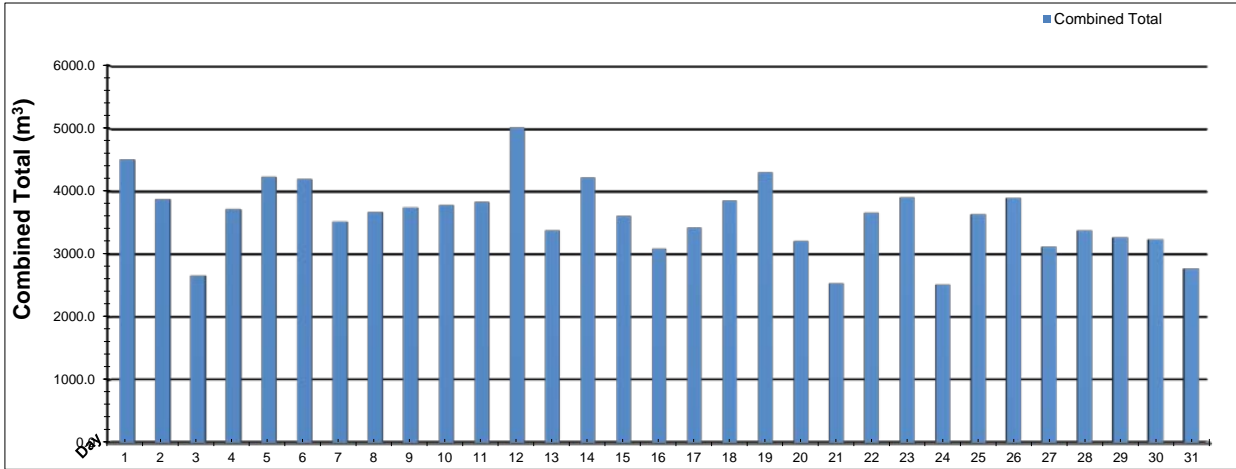
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# High Lift Monthly Report

Month: October-16



| Date           | Distribution Flow |              |                 |               |                 |               |
|----------------|-------------------|--------------|-----------------|---------------|-----------------|---------------|
|                | FIT_7052 (East)   |              | FIT_7062 (West) |               | Combined        |               |
|                | (m³)              | (L/s)        | (m³)            | (L/s)         | (m³)            | (L/s)         |
|                | Total             | Peak         | Total           | Peak          | Total           | Peak          |
| 1              | 877.8             | 44.9         | 3633.5          | 91.1          | 4511.3          | 93.8          |
| 2              | 883.6             | 47.7         | 2993.0          | 87.3          | 3876.6          | 91.8          |
| 3              | 1007.4            | 55.1         | 1653.3          | 102.8         | 2660.7          | 102.8         |
| 4              | 1048.2            | 46.0         | 2669.2          | 91.2          | 3717.4          | 100.5         |
| 5              | 1240.1            | 33.1         | 2991.6          | 86.1          | 4231.7          | 94.9          |
| 6              | 791.5             | 46.1         | 3403.4          | 89.5          | 4194.9          | 91.8          |
| 7              | 1086.8            | 47.6         | 2436.9          | 85.5          | 3523.7          | 100.6         |
| 8              | 1133.4            | 47.9         | 2535.9          | 85.8          | 3669.3          | 92.3          |
| 9              | 1157.5            | 45.4         | 2591.9          | 91.0          | 3749.4          | 91.0          |
| 10             | 681.5             | 46.4         | 3099.6          | 87.7          | 3781.1          | 94.0          |
| 11             | 1095.6            | 46.4         | 2735.4          | 85.2          | 3830.9          | 93.1          |
| 12             | 1504.2            | 40.9         | 3514.4          | 80.3          | 5018.6          | 93.8          |
| 13             | 448.2             | 33.7         | 2935.9          | 88.2          | 3384.1          | 88.9          |
| 14             | 983.9             | 44.8         | 3239.7          | 88.5          | 4223.5          | 88.6          |
| 15             | 921.9             | 33.2         | 2688.2          | 86.0          | 3610.1          | 90.1          |
| 16             | 1059.5            | 44.1         | 2027.5          | 85.1          | 3087.0          | 90.4          |
| 17             | 1289.3            | 33.1         | 2137.5          | 86.1          | 3426.8          | 87.0          |
| 18             | 749.2             | 34.1         | 3112.3          | 86.8          | 3861.5          | 86.8          |
| 19             | 970.7             | 44.1         | 3328.7          | 83.6          | 4299.4          | 95.3          |
| 20             | 741.6             | 44.8         | 2473.4          | 88.3          | 3215.1          | 96.8          |
| 21             | 415.8             | 45.8         | 2121.7          | 88.4          | 2537.4          | 89.9          |
| 22             | 633.4             | 45.2         | 3026.6          | 86.4          | 3660.0          | 89.1          |
| 23             | 1027.2            | 46.0         | 2881.4          | 120.1         | 3908.7          | 159.6         |
| 24             | 962.5             | 33.8         | 1557.8          | 92.3          | 2520.3          | 103.8         |
| 25             | 635.1             | 33.7         | 3004.4          | 86.3          | 3639.4          | 86.3          |
| 26             | 600.9             | 39.3         | 3295.5          | 109.2         | 3896.4          | 146.9         |
| 27             | 641.6             | 43.0         | 2482.2          | 118.7         | 3123.7          | 153.9         |
| 28             | 424.5             | 44.0         | 2954.6          | 119.9         | 3379.1          | 155.0         |
| 29             | 944.0             | 38.2         | 2329.3          | 116.9         | 3273.3          | 153.1         |
| 30             | 1082.3            | 40.3         | 2157.1          | 117.2         | 3239.4          | 153.2         |
| 31             | 991.6             | 33.4         | 1781.9          | 85.9          | 2773.5          | 85.9          |
| <b>Total</b>   | <b>28030.8</b>    |              | <b>83793.7</b>  |               | <b>111824.4</b> |               |
| <b>Average</b> | <b>904.2</b>      | <b>42.0</b>  | <b>2703.0</b>   | <b>93.5</b>   | <b>3607.2</b>   | <b>104.5</b>  |
| <b>Maximum</b> | <b>1504.2</b>     | <b>55.1</b>  | <b>3633.5</b>   | <b>120.1</b>  | <b>5018.6</b>   | <b>159.6</b>  |
| <b>Date</b>    | <b>12-Oct</b>     | <b>3-Oct</b> | <b>1-Oct</b>    | <b>23-Oct</b> | <b>12-Oct</b>   | <b>23-Oct</b> |
| <b>Minimum</b> | <b>415.8</b>      |              | <b>1557.8</b>   |               | <b>2520.3</b>   |               |
| <b>Date</b>    | <b>21-Oct</b>     |              | <b>24-Oct</b>   |               | <b>24-Oct</b>   |               |

Notes:

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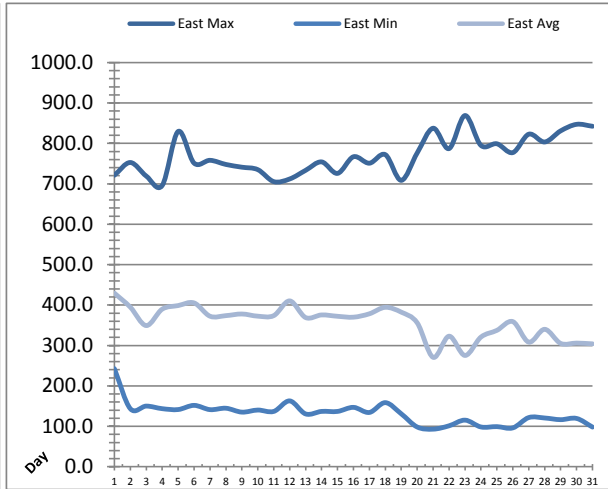
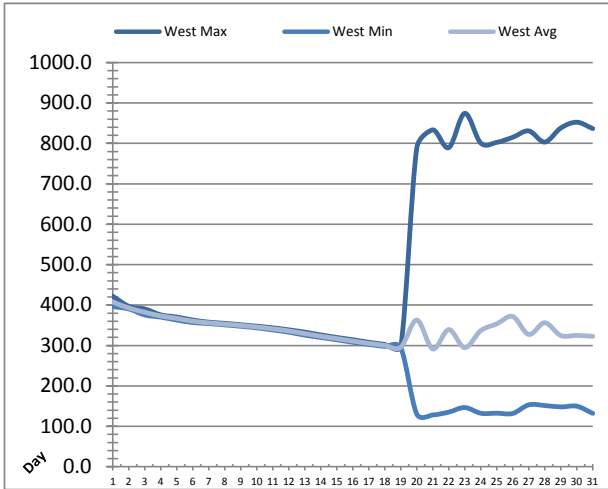
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# Low Lift Monthly Report

Month: **October-16**

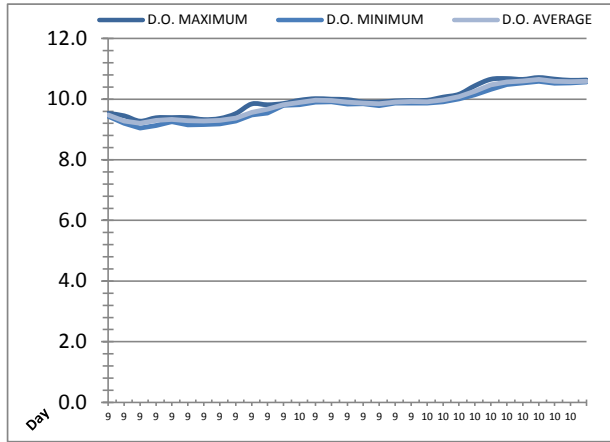
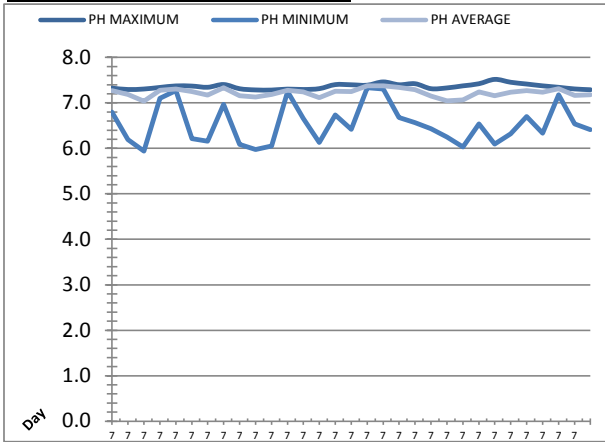


| Date    | West Train Header Pressure<br>PIT_1018<br>(kPa) |         |         | East Train Header Pressure<br>PIT_1028<br>(kPa) |         |         |
|---------|---|---------|---------|---|---------|---------|
|         | Maximum   | Minimum | Average | Maximum   | Minimum | Average |
| 1       | 421.7   | 396.3   | 407.5   | 721.1   | 242.7   | 429.5   |
| 2       | 396.9   | 390.3   | 392.8   | 752.7   | 143.7   | 394.9   |
| 3       | 390.4   | 375.4   | 382.2   | 719.2   | 150.1   | 349.3   |
| 4       | 375.7   | 370.1   | 373.1   | 695.8   | 143.7   | 389.9   |
| 5       | 370.4   | 362.9   | 367.1   | 829.5   | 141.5   | 398.7   |
| 6       | 363.0   | 356.8   | 360.2   | 751.2   | 151.9   | 405.3   |
| 7       | 357.7   | 354.2   | 356.0   | 758.1   | 141.3   | 372.4   |
| 8       | 354.8   | 350.9   | 352.9   | 747.8   | 144.8   | 373.9   |
| 9       | 351.3   | 347.5   | 349.6   | 741.1   | 135.2   | 377.9   |
| 10      | 347.7   | 343.6   | 345.7   | 735.0   | 140.3   | 372.5   |
| 11      | 343.7   | 338.4   | 341.3   | 705.4   | 136.9   | 373.9   |
| 12      | 338.7   | 332.9   | 336.0   | 712.0   | 162.9   | 410.3   |
| 13      | 333.0   | 325.7   | 329.5   | 733.3   | 130.7   | 369.1   |
| 14      | 326.1   | 319.8   | 322.9   | 754.2   | 136.9   | 375.6   |
| 15      | 319.9   | 314.2   | 317.1   | 725.8   | 136.9   | 372.3   |
| 16      | 314.2   | 307.9   | 311.0   | 766.9   | 147.0   | 370.1   |
| 17      | 307.9   | 302.6   | 305.2   | 751.0   | 134.3   | 378.4   |
| 18      | 302.7   | 297.7   | 300.3   | 772.2   | 158.6   | 394.5   |
| 19      | 297.7   | 294.3   | 295.9   | 708.5   | 131.0   | 382.5   |
| 20      | 788.9   | 130.3   | 363.0   | 776.3   | 98.3    | 356.1   |
| 21      | 833.6   | 128.2   | 291.4   | 837.5   | 93.0    | 270.7   |
| 22      | 789.4   | 135.2   | 339.4   | 787.1   | 101.3   | 323.0   |
| 23      | 874.4   | 146.5   | 294.6   | 868.9   | 115.3   | 275.3   |
| 24      | 800.7   | 132.4   | 336.8   | 795.0   | 98.4    | 320.8   |
| 25      | 802.5   | 132.5   | 353.6   | 799.0   | 99.3    | 337.4   |
| 26      | 815.1   | 131.9   | 371.7   | 777.2   | 96.2    | 359.1   |
| 27      | 830.9   | 153.2   | 327.3   | 822.8   | 121.7   | 308.3   |
| 28      | 803.3   | 151.5   | 356.3   | 803.5   | 120.6   | 340.1   |
| 29      | 838.0   | 148.0   | 324.7   | 831.0   | 116.5   | 305.2   |
| 30      | 852.3   | 149.8   | 324.9   | 847.1   | 119.5   | 306.0   |
| 31      | 836.6   | 132.0   | 322.8   | 842.3   | 98.1    | 304.1   |
| Total   |   |         |         |   |         |         |
| Average | 531.6   | 263.0   | 340.4   | 770.0   | 131.9   | 358.0   |
| Maximum | 874.4   |         | 407.5   | 868.9   |         | 429.5   |
| Date    | 23-Oct  |         | 1-Oct   | 23-Oct  |         | 1-Oct   |
| Minimum |   | 128.2   | 291.4   |   | 93.0    | 270.7   |
| Date    |   | 21-Oct  | 21-Oct  |   | 21-Oct  | 21-Oct  |

Notes:

# Low Lift Monthly Report

Month: **October-16**



| Date    | Raw Water Sample Line |         |         |                    |         |         |
|---------|-----------------------|---------|---------|--------------------|---------|---------|
|         | AIT_1402_PH (pH)      |         |         | AIT_1402_DO (mg/L) |         |         |
|         | Maximum               | Minimum | Average | Maximum            | Minimum | Average |
| 1       | 7.3                   | 6.8     | 7.3     | 9.5                | 9.4     | 9.5     |
| 2       | 7.3                   | 6.2     | 7.2     | 9.5                | 9.2     | 9.3     |
| 3       | 7.3                   | 5.9     | 7.0     | 9.3                | 9.0     | 9.2     |
| 4       | 7.3                   | 7.1     | 7.3     | 9.4                | 9.1     | 9.3     |
| 5       | 7.4                   | 7.3     | 7.3     | 9.4                | 9.3     | 9.3     |
| 6       | 7.4                   | 6.2     | 7.3     | 9.4                | 9.2     | 9.3     |
| 7       | 7.3                   | 6.2     | 7.2     | 9.3                | 9.2     | 9.3     |
| 8       | 7.4                   | 7.0     | 7.3     | 9.4                | 9.2     | 9.3     |
| 9       | 7.3                   | 6.1     | 7.2     | 9.5                | 9.3     | 9.4     |
| 10      | 7.3                   | 6.0     | 7.1     | 9.8                | 9.5     | 9.6     |
| 11      | 7.3                   | 6.1     | 7.2     | 9.8                | 9.5     | 9.7     |
| 12      | 7.3                   | 7.2     | 7.3     | 9.9                | 9.8     | 9.8     |
| 13      | 7.3                   | 6.7     | 7.2     | 10.0               | 9.8     | 9.9     |
| 14      | 7.3                   | 6.1     | 7.1     | 10.0               | 9.9     | 10.0    |
| 15      | 7.4                   | 6.7     | 7.3     | 10.0               | 9.9     | 10.0    |
| 16      | 7.4                   | 6.4     | 7.2     | 10.0               | 9.8     | 9.9     |
| 17      | 7.4                   | 7.3     | 7.4     | 9.9                | 9.8     | 9.9     |
| 18      | 7.5                   | 7.3     | 7.4     | 9.9                | 9.8     | 9.9     |
| 19      | 7.4                   | 6.7     | 7.3     | 9.9                | 9.9     | 9.9     |
| 20      | 7.4                   | 6.6     | 7.3     | 10.0               | 9.9     | 9.9     |
| 21      | 7.3                   | 6.4     | 7.1     | 10.0               | 9.9     | 9.9     |
| 22      | 7.3                   | 6.3     | 7.0     | 10.1               | 9.9     | 10.0    |
| 23      | 7.4                   | 6.0     | 7.1     | 10.2               | 10.0    | 10.1    |
| 24      | 7.4                   | 6.5     | 7.2     | 10.4               | 10.2    | 10.3    |
| 25      | 7.5                   | 6.1     | 7.2     | 10.7               | 10.3    | 10.5    |
| 26      | 7.5                   | 6.3     | 7.2     | 10.7               | 10.5    | 10.6    |
| 27      | 7.4                   | 6.7     | 7.3     | 10.7               | 10.5    | 10.6    |
| 28      | 7.4                   | 6.3     | 7.2     | 10.7               | 10.6    | 10.6    |
| 29      | 7.3                   | 7.2     | 7.3     | 10.7               | 10.5    | 10.6    |
| 30      | 7.3                   | 6.5     | 7.2     | 10.6               | 10.5    | 10.6    |
| 31      | 7.3                   | 6.4     | 7.2     | 10.6               | 10.6    | 10.6    |
| Total   |                       |         |         |                    |         |         |
| Average | 7.4                   | 6.5     | 7.2     | 10.0               | 9.8     | 9.9     |
| Maximum | 7.5                   |         | 7.4     | 10.7               |         | 10.6    |
| Date    | 25-Oct                |         | 18-Oct  | 28-Oct             |         | 28-Oct  |
| Minimum |                       | 5.9     | 7.0     |                    | 9.0     | 9.2     |
| Date    |                       | 3-Oct   | 3-Oct   |                    | 3-Oct   | 3-Oct   |

Notes:

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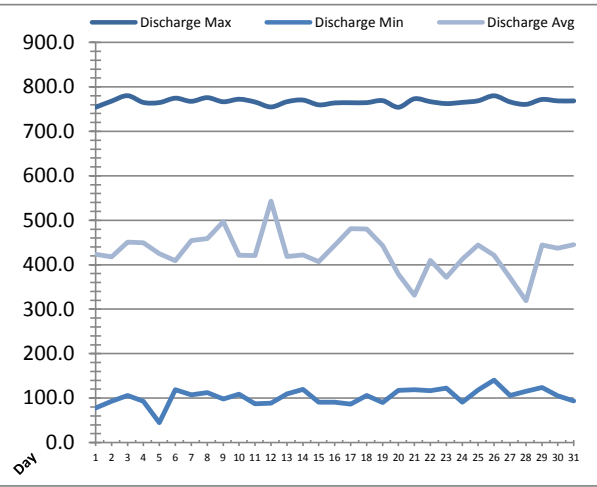
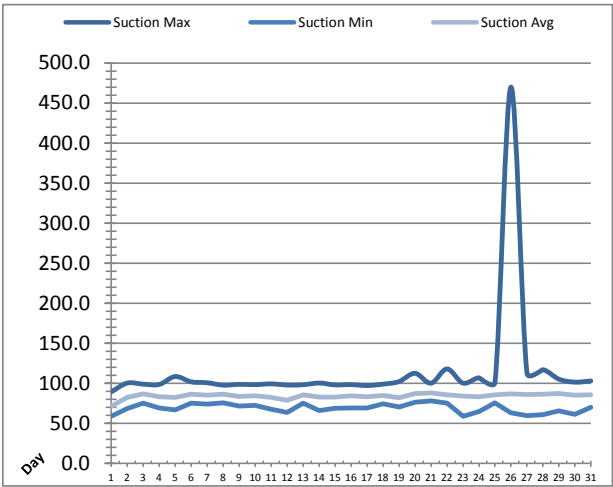


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# High Lift Monthly Report

Month: **October-16**

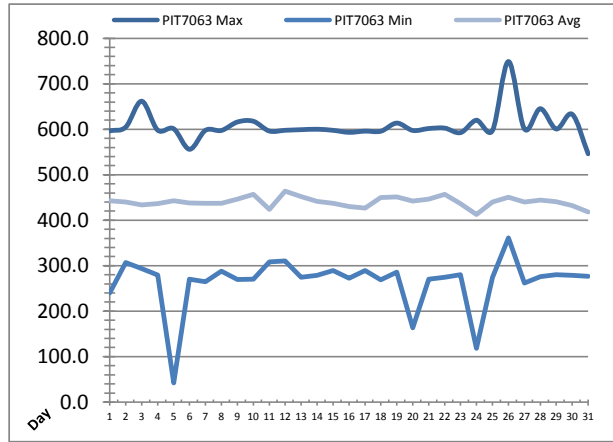
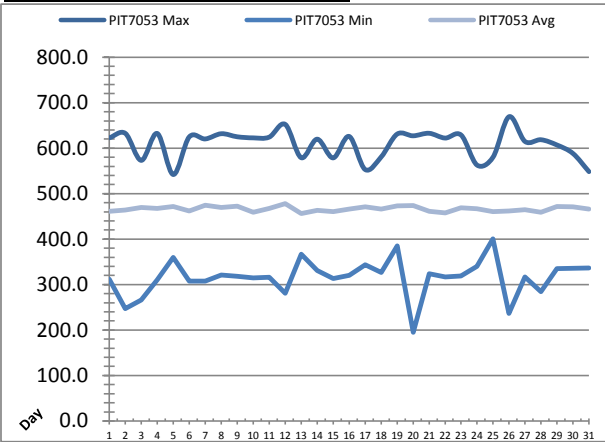


| Date    | Suction Header Pressure |         |         | Discharge Header Pressure |         |         |
|---------|-------------------------|---------|---------|---------------------------|---------|---------|
|         | PIT_7002 (kPa)          |         |         | PIT_7005 (kPa)            |         |         |
|         | Maximum                 | Minimum | Average | Maximum                   | Minimum | Average |
| 1       | 89.4                    | 58.8    | 71.4    | 754.2                     | 77.8    | 423.8   |
| 2       | 100.3                   | 68.4    | 82.4    | 768.0                     | 92.6    | 417.5   |
| 3       | 99.0                    | 75.3    | 86.6    | 780.2                     | 106.2   | 451.0   |
| 4       | 98.6                    | 69.3    | 83.3    | 765.0                     | 93.2    | 449.1   |
| 5       | 108.5                   | 66.9    | 82.5    | 764.8                     | 44.8    | 424.7   |
| 6       | 101.9                   | 75.0    | 86.4    | 774.6                     | 119.2   | 409.4   |
| 7       | 100.7                   | 74.1    | 85.1    | 767.5                     | 107.1   | 454.4   |
| 8       | 97.7                    | 75.5    | 86.2    | 775.8                     | 112.5   | 459.0   |
| 9       | 98.7                    | 71.6    | 83.5    | 766.6                     | 97.9    | 496.6   |
| 10      | 98.3                    | 72.2    | 84.3    | 772.2                     | 109.1   | 421.4   |
| 11      | 99.3                    | 67.7    | 82.3    | 766.0                     | 87.4    | 420.9   |
| 12      | 97.9                    | 63.5    | 78.7    | 754.9                     | 88.5    | 542.7   |
| 13      | 98.2                    | 75.1    | 85.7    | 766.6                     | 109.9   | 418.5   |
| 14      | 100.3                   | 66.2    | 82.6    | 770.4                     | 119.9   | 422.3   |
| 15      | 98.0                    | 69.0    | 82.9    | 759.6                     | 90.9    | 407.1   |
| 16      | 98.4                    | 69.3    | 84.3    | 764.0                     | 90.5    | 443.6   |
| 17      | 97.2                    | 69.3    | 83.1    | 764.4                     | 86.6    | 480.9   |
| 18      | 99.0                    | 74.5    | 84.9    | 764.5                     | 105.6   | 480.7   |
| 19      | 102.2                   | 70.5    | 82.2    | 769.1                     | 90.1    | 442.8   |
| 20      | 112.5                   | 76.5    | 87.2    | 754.2                     | 117.6   | 378.9   |
| 21      | 100.2                   | 78.0    | 87.9    | 773.3                     | 119.2   | 331.5   |
| 22      | 118.0                   | 75.1    | 85.7    | 766.8                     | 116.8   | 409.5   |
| 23      | 100.3                   | 58.7    | 84.1    | 762.5                     | 122.7   | 371.3   |
| 24      | 106.9                   | 64.8    | 83.3    | 765.2                     | 90.8    | 412.4   |
| 25      | 101.4                   | 75.4    | 85.5    | 768.8                     | 118.4   | 444.6   |
| 26      | 470.1                   | 63.2    | 86.8    | 780.0                     | 140.2   | 421.2   |
| 27      | 112.7                   | 59.8    | 86.2    | 766.2                     | 106.0   | 371.1   |
| 28      | 117.1                   | 60.7    | 86.2    | 760.7                     | 115.0   | 319.1   |
| 29      | 105.2                   | 65.4    | 87.3    | 771.7                     | 124.2   | 444.4   |
| 30      | 101.5                   | 61.1    | 85.3    | 768.5                     | 105.5   | 437.0   |
| 31      | 103.0                   | 70.0    | 85.7    | 768.5                     | 93.8    | 445.1   |
| Total   |                         |         |         |                           |         |         |
| Average | 114.0                   | 69.1    | 84.2    | 766.9                     | 103.2   | 427.5   |
| Maximum | 470.1                   |         | 87.9    | 780.2                     |         | 542.7   |
| Date    | 26-Oct                  |         | 21-Oct  | 3-Oct                     |         | 12-Oct  |
| Minimum |                         | 58.7    | 71.4    |                           | 44.8    | 319.1   |
| Date    |                         | 23-Oct  | 1-Oct   |                           | 5-Oct   | 28-Oct  |

Notes:

# High Lift Monthly Report

Month: **October-16**



| Date    | Distribution Pressures |         |         |                |         |         |
|---------|------------------------|---------|---------|----------------|---------|---------|
|         | PIT_7053 (kPa)         |         |         | PIT_7063 (kPa) |         |         |
|         | Maximum                | Minimum | Average | Maximum        | Minimum | Average |
| 1       | 622.7                  | 311.6   | 460.9   | 596.6          | 240.0   | 442.6   |
| 2       | 632.5                  | 247.4   | 463.9   | 604.8          | 307.1   | 440.3   |
| 3       | 573.1                  | 265.8   | 469.7   | 661.6          | 293.6   | 433.5   |
| 4       | 632.3                  | 310.6   | 467.1   | 598.1          | 279.8   | 436.6   |
| 5       | 542.0                  | 359.5   | 471.5   | 601.3          | 42.5    | 442.6   |
| 6       | 624.8                  | 307.8   | 461.9   | 555.9          | 270.3   | 438.0   |
| 7       | 620.3                  | 307.6   | 474.8   | 597.7          | 264.4   | 437.5   |
| 8       | 631.7                  | 321.0   | 469.3   | 597.4          | 287.8   | 437.0   |
| 9       | 625.0                  | 318.5   | 472.3   | 615.9          | 269.3   | 446.1   |
| 10      | 622.6                  | 314.8   | 459.3   | 617.6          | 270.5   | 457.2   |
| 11      | 624.3                  | 316.1   | 467.4   | 596.1          | 308.4   | 423.6   |
| 12      | 652.4                  | 281.2   | 478.0   | 597.8          | 310.3   | 463.7   |
| 13      | 579.0                  | 366.4   | 456.0   | 599.1          | 274.4   | 451.6   |
| 14      | 619.8                  | 330.9   | 462.9   | 600.0          | 278.8   | 441.6   |
| 15      | 578.6                  | 313.1   | 460.7   | 597.7          | 289.6   | 436.9   |
| 16      | 625.8                  | 320.4   | 466.0   | 593.2          | 272.5   | 430.5   |
| 17      | 553.0                  | 343.2   | 471.2   | 595.9          | 289.5   | 426.7   |
| 18      | 580.5                  | 326.8   | 465.8   | 595.7          | 268.6   | 449.7   |
| 19      | 630.9                  | 385.4   | 473.3   | 613.6          | 285.7   | 451.0   |
| 20      | 627.1                  | 194.9   | 473.8   | 597.4          | 163.1   | 441.9   |
| 21      | 632.7                  | 323.8   | 461.2   | 601.6          | 270.1   | 446.3   |
| 22      | 622.2                  | 316.6   | 457.5   | 602.5          | 274.7   | 456.6   |
| 23      | 628.9                  | 318.6   | 468.6   | 592.6          | 280.0   | 436.6   |
| 24      | 562.7                  | 340.3   | 467.0   | 619.9          | 118.2   | 412.7   |
| 25      | 580.3                  | 400.6   | 460.3   | 597.2          | 274.1   | 440.1   |
| 26      | 669.1                  | 236.4   | 461.7   | 749.0          | 361.4   | 450.7   |
| 27      | 614.6                  | 316.7   | 464.3   | 601.0          | 261.9   | 439.9   |
| 28      | 618.5                  | 284.7   | 458.8   | 645.2          | 276.0   | 444.5   |
| 29      | 606.9                  | 334.7   | 471.5   | 600.6          | 280.4   | 440.8   |
| 30      | 588.2                  | 335.9   | 470.7   | 632.9          | 278.4   | 432.1   |
| 31      | 548.3                  | 336.4   | 466.1   | 546.0          | 276.8   | 418.4   |
| Total   |                        |         |         |                |         |         |
| Average | 608.7                  | 315.7   | 466.2   | 607.2          | 265.1   | 440.2   |
| Maximum | 669.1                  |         | 478.0   | 749.0          |         | 463.7   |
| Date    | 26-Oct                 |         | 12-Oct  | 26-Oct         |         | 12-Oct  |
| Minimum |                        | 194.9   | 456.0   |                | 42.5    | 412.7   |
| Date    |                        | 20-Oct  | 13-Oct  |                | 5-Oct   | 24-Oct  |

Notes:

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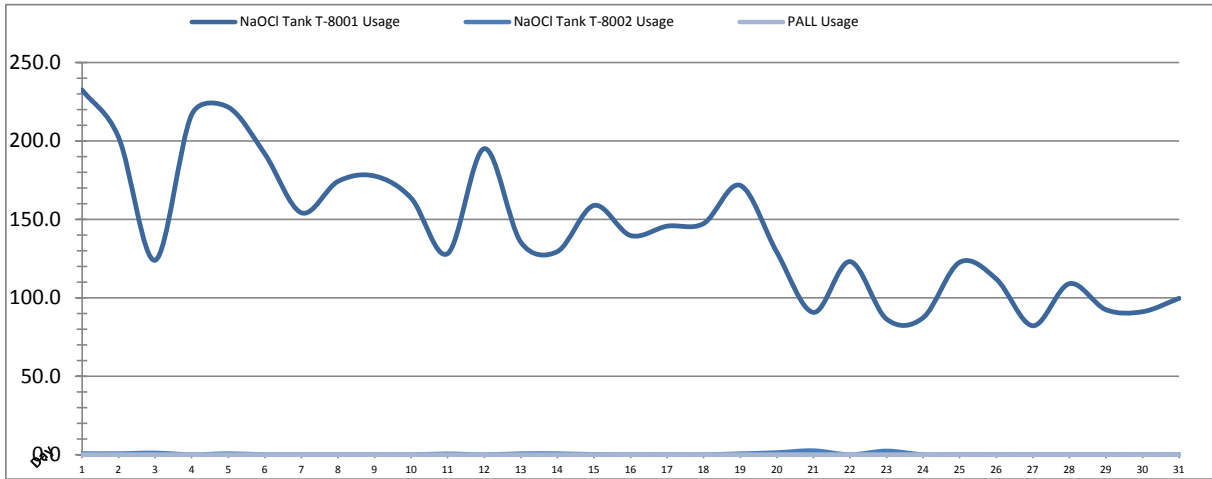
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# Chemical Usage Monthly Report

Month: **October-16**

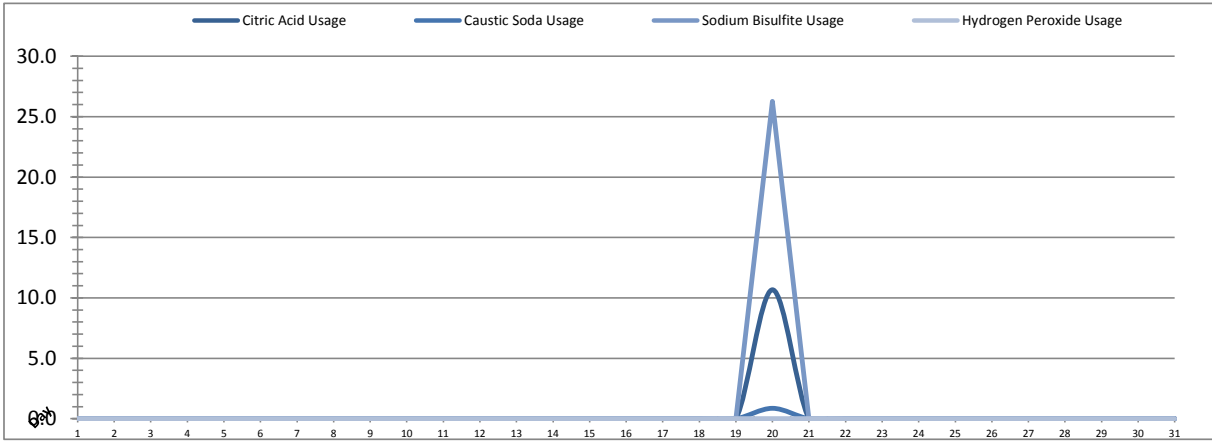


| Date    | PALL Usage                | NaOCI Tank T-8001            | NaOCI Tank T-8002        |
|---------|---------------------------|------------------------------|--------------------------|
|         | PALL_HYPO_USAGE (L) Usage | LIT_8002 (Storage) (L) Usage | LIT_8004 (Day) (L) Usage |
| 1       | 0.0                       | 232.5                        | 0.7                      |
| 2       | 0.0                       | 202.3                        | 0.7                      |
| 3       | 0.0                       | 123.9                        | 1.1                      |
| 4       | 0.0                       | 216.8                        | 0.0                      |
| 5       | 0.0                       | 221.5                        | 0.7                      |
| 6       | 0.0                       | 191.6                        | 0.0                      |
| 7       | 0.0                       | 154.2                        | 0.0                      |
| 8       | 0.0                       | 174.2                        | 0.0                      |
| 9       | 0.0                       | 177.6                        | 0.0                      |
| 10      | 0.0                       | 163.5                        | 0.0                      |
| 11      | 0.0                       | 128.2                        | 0.5                      |
| 12      | 0.0                       | 195.1                        | 0.0                      |
| 13      | 0.0                       | 135.4                        | 0.6                      |
| 14      | 0.00                      | 129.47                       | 0.7                      |
| 15      | 0.0                       | 158.9                        | 0.1                      |
| 16      | 0.0                       | 139.7                        | 0.1                      |
| 17      | 0.0                       | 145.6                        | 0.0                      |
| 18      | 0.0                       | 147.4                        | 0.0                      |
| 19      | 0.0                       | 171.6                        | 0.6                      |
| 20      | 0.0                       | 129.0                        | 1.3                      |
| 21      | 0.0                       | 90.7                         | 2.6                      |
| 22      | 0.0                       | 123.1                        | 0.0                      |
| 23      | 0.0                       | 86.5                         | 2.4                      |
| 24      | 0.0                       | 87.3                         | 0.0                      |
| 25      | 0.0                       | 122.7                        | 0.1                      |
| 26      | 0.0                       | 112.0                        | 0.0                      |
| 27      | 0.0                       | 82.2                         | 0.0                      |
| 28      | 0.0                       | 109.0                        | 0.0                      |
| 29      | 0.0                       | 92.4                         | 0.0                      |
| 30      | 0.0                       | 91.1                         | 0.0                      |
| 31      | 0.0                       | 99.7                         | 0.0                      |
| Total   | 0.0                       | 4435.1                       | 12.5                     |
| Average | 0.0                       | 143.1                        | 0.4                      |
| Maximum | 0.0                       | 232.5                        | 2.6                      |
| Date    | 1-Oct                     | 1-Oct                        | 21-Oct                   |
| Minimum | 0.0                       | 82.2                         | 0.0                      |
| Date    | 1-Oct                     | 27-Oct                       | 10-Oct                   |

|        |   |
|--------|---|
| Notes: |   |
|        | Dosage (mg/L)= Day Tank (L) x %conc. x 1000 |
|        | Membrane Flow (m3)                          |
|        | Chlorine Concentration: 12.0%               |

# Chemical Usage Monthly Report

Month: **October-16**



| Date           | Citric Acid       | Caustic Soda      | Captor            | Hydrogen Peroxide |              | Membrane Flow (m <sup>3</sup> ) |
|----------------|-------------------|-------------------|-------------------|-------------------|--------------|---------------------------------|
|                | TAGNAME (L) Usage | TAGNAME (L) Usage | TAGNAME (L) Usage | TAGNAME (L) Usage | (mg/L) Dose  |                                 |
| 1              | 0.0               | 0.0               | 0.0               | 0.0               | 0.0          | 4871.316                        |
| 2              | 0.0               | 0.0               | 0.0               | 0.0               | 0.0          | 4764.501                        |
| 3              | 0.0               | 0.0               | 0.0               | 0.0               | 0.0          | 2785.884                        |
| 4              | 0.0               | 0.0               | 0.0               | 0.0               | 0.0          | 4152.264                        |
| 5              | 0.0               | 0.0               | 0.0               | 0.0               | 0.0          | 4046.662                        |
| 6              | 0.0               | 0.0               | 0.0               | 0.0               | 0.0          | 4419.481                        |
| 7              | 0.0               | 0.0               | 0.0               | 0.0               | 0.0          | 3922.211                        |
| 8              | 0.0               | 0.0               | 0.0               | 0.0               | 0.0          | 3932.593                        |
| 9              | 0.0               | 0.0               | 0.0               | 0.0               | 0.0          | 4189.918                        |
| 10             | 0.0               | 0.0               | 0.0               | 0.0               | 0.0          | 4071.784                        |
| 11             | 0.0               | 0.0               | 0.0               | 0.0               | 0.0          | 4056.715                        |
| 12             | 0.0               | 0.0               | 0.0               | 0.0               | 0.0          | 5308.454                        |
| 13             | 0.0               | 0.0               | 0.0               | 0.0               | 0.0          | 3665.158                        |
| 14             | 0.0               | 0.0               | 0.0               | 0.0               | 0.0          | 3944.170                        |
| 15             | 0.0               | 0.0               | 0.0               | 0.0               | 0.0          | 3912.394                        |
| 16             | 0.0               | 0.0               | 0.0               | 0.0               | 0.0          | 3579.470                        |
| 17             | 0.0               | 0.0               | 0.0               | 0.0               | 0.0          | 4001.096                        |
| 18             | 0.0               | 0.0               | 0.0               | 0.0               | 0.0          | 4050.148                        |
| 19             | 0.0               | 0.0               | 0.0               | 0.0               | 0.0          | 4410.986                        |
| 20             | 10.7              | 0.9               | 26.3              | 0.0               | 0.0          | 3800.729                        |
| 21             | 0.0               | 0.0               | 0.0               | 0.0               | 0.0          | 2645.781                        |
| 22             | 0.0               | 0.0               | 0.0               | 0.0               | 0.0          | 3874.077                        |
| 23             | 0.0               | 0.0               | 0.0               | 0.0               | 0.0          | 2961.497                        |
| 24             | 0.0               | 0.0               | 0.0               | 0.0               | 0.0          | 3742.446                        |
| 25             | 0.0               | 0.0               | 0.0               | 0.0               | 0.0          | 3905.095                        |
| 26             | 0.0               | 0.0               | 0.0               | 0.0               | 0.0          | 4433.419                        |
| 27             | 0.0               | 0.0               | 0.0               | 0.0               | 0.0          | 3247.628                        |
| 28             | 0.0               | 0.0               | 0.0               | 0.0               | 0.0          | 3971.309                        |
| 29             | 0.0               | 0.0               | 0.0               | 0.0               | 0.0          | 3135.930                        |
| 30             | 0.0               | 0.0               | 0.0               | 0.0               | 0.0          | 3368.756                        |
| 31             | 0.0               | 0.0               | 0.0               | 0.0               | 0.0          | 3370.299                        |
| <b>Total</b>   | <b>10.7</b>       | <b>0.9</b>        | <b>26.3</b>       | <b>0.0</b>        | <b>0.0</b>   | <b>120542.2</b>                 |
| <b>Average</b> | <b>0.3</b>        | <b>0.0</b>        | <b>0.8</b>        | <b>0.0</b>        | <b>0.0</b>   | <b>3888.5</b>                   |
| <b>Maximum</b> | <b>10.7</b>       | <b>0.9</b>        | <b>26.3</b>       | <b>0.0</b>        | <b>0.0</b>   | <b>5308.5</b>                   |
| <b>Date</b>    | <b>20-Oct</b>     | <b>20-Oct</b>     | <b>20-Oct</b>     | <b>1-Oct</b>      | <b>1-Oct</b> | <b>12-Oct</b>                   |
| <b>Minimum</b> | <b>0.0</b>        | <b>0.0</b>        | <b>0.0</b>        | <b>0.0</b>        | <b>0.0</b>   | <b>2645.8</b>                   |
| <b>Date</b>    | <b>1-Oct</b>      | <b>1-Oct</b>      | <b>1-Oct</b>      | <b>1-Oct</b>      | <b>1-Oct</b> | <b>21-Oct</b>                   |

Notes:

$$\text{Dosage (mg/L)} = \frac{\text{Day Tank (L)} \times \% \text{conc.} \times 1000}{\text{Membrane Flow (m}^3\text{)}}$$

Peroxide Concentration: **50.0%**

# Runtimes Report

Month: October-16

| Date         | Daily Gen-Set Runtimes |       | Daily UV Runtimes |       | Daily PALL Runtimes |                   |                    |           |            |
|--------------|------------------------|-------|-------------------|-------|---------------------|-------------------|--------------------|-----------|------------|
|              | LLPS                   | WTP   | UV #1             | UV #2 | Air Compressor #1   | Air Compressor #2 | CIP Neutralization | CIP Drain | CIP Recirc |
|              | (Hrs)                  | (Hrs) | (Hrs)             | (Hrs) | (Hrs)               | (Hrs)             | (Hrs)              | (Hrs)     | (Hrs)      |
| 1            | 0.0                    | 0.0   | 20.7              | 0.0   | 24.4                | 0.0               | 0.0                | 0.0       | 0.0        |
| 2            | 0.0                    | 0.0   | 18.7              | 0.0   | 23.9                | 0.0               | 0.0                | 0.0       | 0.0        |
| 3            | 0.0                    | 0.0   | 12.0              | 0.0   | 24.4                | 0.0               | 0.0                | 0.0       | 0.0        |
| 4            | 0.0                    | 0.0   | 18.3              | 0.0   | 24.4                | 0.0               | 0.0                | 0.0       | 0.0        |
| 5            | 0.0                    | 0.0   | 17.9              | 0.0   | 24.4                | 0.0               | 0.0                | 0.0       | 0.0        |
| 6            | 0.0                    | 0.0   | 19.8              | 0.0   | 24.4                | 0.0               | 0.0                | 0.0       | 0.0        |
| 7            | 0.0                    | 0.0   | 16.0              | 0.0   | 24.4                | 0.0               | 0.0                | 0.0       | 0.0        |
| 8            | 0.0                    | 0.0   | 16.7              | 0.0   | 24.4                | 0.0               | 0.0                | 0.0       | 0.0        |
| 9            | 0.0                    | 0.0   | 17.7              | 0.0   | 24.4                | 0.0               | 0.0                | 0.0       | 0.0        |
| 10           | 0.0                    | 0.0   | 16.6              | 0.0   | 24.4                | 0.0               | 0.0                | 0.0       | 0.0        |
| 11           | 0.0                    | 0.0   | 17.2              | 0.0   | 24.4                | 0.0               | 0.0                | 0.0       | 0.0        |
| 12           | 0.0                    | 0.0   | 22.3              | 0.0   | 24.4                | 0.0               | 0.0                | 0.0       | 0.0        |
| 13           | 0.0                    | 0.0   | 15.8              | 0.0   | 24.4                | 0.0               | 0.0                | 0.0       | 0.0        |
| 14           | 0.0                    | 0.0   | 16.4              | 0.0   | 24.4                | 0.0               | 0.0                | 0.0       | 0.0        |
| 15           | 0.0                    | 0.0   | 16.7              | 0.0   | 24.4                | 0.0               | 0.0                | 0.0       | 0.0        |
| 16           | 0.0                    | 0.0   | 15.4              | 0.0   | 24.3                | 0.0               | 0.0                | 0.0       | 0.0        |
| 17           | 0.0                    | 0.0   | 17.1              | 0.0   | 24.4                | 0.0               | 0.0                | 0.0       | 0.0        |
| 18           | 0.0                    | 0.0   | 17.9              | 0.0   | 24.4                | 0.0               | 0.0                | 0.0       | 0.0        |
| 19           | 0.0                    | 0.0   | 17.9              | 0.0   | 24.4                | 0.0               | 0.0                | 0.0       | 0.0        |
| 20           | 0.0                    | 0.0   | 15.4              | 0.0   | 24.4                | 0.0               | 0.5                | 0.2       | 1.5        |
| 21           | 0.0                    | 0.0   | 10.5              | 0.0   | 24.4                | 0.0               | 0.0                | 0.0       | 0.0        |
| 22           | 0.0                    | 0.0   | 5.1               | 0.0   | 24.4                | 0.0               | 0.0                | 0.0       | 0.0        |
| 23           | 0.0                    | 0.0   | 0.0               | 0.0   | 24.4                | 0.0               | 0.0                | 0.0       | 0.0        |
| 24           | 1.2                    | 1.0   | 0.0               | 0.0   | 24.3                | 0.0               | 0.2                | 0.2       | 0.7        |
| 25           | 0.0                    | 0.0   | 0.0               | 0.0   | 24.4                | 0.0               | 0.0                | 0.0       | 0.0        |
| 26           | 0.0                    | 0.0   | 0.0               | 0.0   | 24.3                | 0.0               | 0.0                | 0.0       | 0.0        |
| 27           | 0.0                    | 0.0   | 0.0               | 0.0   | 24.4                | 0.0               | 0.0                | 0.0       | 0.0        |
| 28           | 0.0                    | 0.0   | 0.0               | 0.0   | 24.0                | 0.0               | 0.0                | 0.0       | 0.0        |
| 29           | 0.0                    | 0.0   | 0.0               | 0.0   | 24.4                | 0.0               | 0.0                | 0.0       | 0.0        |
| 30           | 0.0                    | 0.0   | 0.0               | 0.0   | 24.4                | 0.0               | 0.0                | 0.0       | 0.0        |
| 31           | 0.0                    | 0.0   | 0.0               | 0.0   | 24.4                | 0.0               | 0.0                | 0.0       | 0.0        |
| <b>Total</b> | 1.2                    | 1.0   | 362.5             | 0.0   | 754.4               | 0.0               | 0.7                | 0.4       | 2.2        |

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| Notes: |
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# Runtimes Report

Month: October-16

## Daily

| Date  | PALL Runtimes        |                      |                     |                     |                     |                     | Process Drain         |                       |
|-------|----------------------|----------------------|---------------------|---------------------|---------------------|---------------------|-----------------------|-----------------------|
|       | RFR Pump #1<br>(Hrs) | RFR Pump #2<br>(Hrs) | RF Pump #1<br>(Hrs) | RF Pump #2<br>(Hrs) | XR Pump #1<br>(Hrs) | XR Pump #2<br>(Hrs) | PDP9010 Pump<br>(Hrs) | PDP9020 Pump<br>(Hrs) |
| 1     | 4.5                  | 4.5                  | 0.7                 | 0.9                 | 8.0                 | 8.0                 | 1.7                   | 2.3                   |
| 2     | 4.1                  | 3.8                  | 0.8                 | 0.8                 | 9.0                 | 8.8                 | 1.9                   | 2.7                   |
| 3     | 0.8                  | 1.1                  | 0.4                 | 0.3                 | 5.3                 | 5.6                 | 1.8                   | 2.6                   |
| 4     | 0.4                  | 0.1                  | 0.5                 | 0.5                 | 8.2                 | 8.0                 | 1.7                   | 2.3                   |
| 5     | 0.0                  | 0.3                  | 0.5                 | 0.6                 | 7.8                 | 8.0                 | 1.8                   | 2.5                   |
| 6     | 0.0                  | 0.0                  | 0.6                 | 0.5                 | 8.5                 | 9.2                 | 1.8                   | 2.5                   |
| 7     | 1.9                  | 2.0                  | 0.5                 | 0.6                 | 7.8                 | 7.8                 | 1.8                   | 2.5                   |
| 8     | 0.0                  | 0.0                  | 0.5                 | 0.5                 | 8.5                 | 7.8                 | 1.8                   | 2.3                   |
| 9     | 0.0                  | 0.0                  | 0.5                 | 0.6                 | 8.4                 | 8.7                 | 1.6                   | 2.2                   |
| 10    | 1.8                  | 2.0                  | 0.7                 | 0.6                 | 8.3                 | 8.2                 | 1.8                   | 2.5                   |
| 11    | 0.1                  | 0.0                  | 0.5                 | 0.5                 | 7.0                 | 9.9                 | 1.9                   | 2.4                   |
| 12    | 0.0                  | 0.0                  | 0.5                 | 0.7                 | 12.8                | 9.1                 | 1.5                   | 2.1                   |
| 13    | 0.0                  | 0.0                  | 0.5                 | 0.5                 | 7.0                 | 8.1                 | 1.9                   | 2.5                   |
| 14    | 0.5                  | 0.3                  | 0.5                 | 0.4                 | 8.8                 | 7.5                 | 1.8                   | 2.5                   |
| 15    | 0.0                  | 0.0                  | 0.5                 | 0.5                 | 7.2                 | 9.0                 | 1.8                   | 2.5                   |
| 16    | 0.0                  | 0.0                  | 0.4                 | 0.4                 | 7.5                 | 7.2                 | 1.8                   | 2.5                   |
| 17    | 0.0                  | 0.0                  | 0.5                 | 0.5                 | 8.6                 | 7.9                 | 1.7                   | 2.4                   |
| 18    | 0.1                  | 0.5                  | 0.6                 | 0.6                 | 8.0                 | 8.5                 | 1.9                   | 2.3                   |
| 19    | 3.0                  | 2.8                  | 0.6                 | 0.7                 | 8.5                 | 8.8                 | 1.7                   | 2.6                   |
| 20    | 3.3                  | 3.3                  | 0.6                 | 0.6                 | 7.9                 | 7.1                 | 2.2                   | 2.8                   |
| 21    | 2.0                  | 2.0                  | 0.4                 | 0.4                 | 5.7                 | 4.8                 | 2.0                   | 3.0                   |
| 22    | 4.8                  | 4.5                  | 0.7                 | 0.6                 | 7.1                 | 7.6                 | 1.9                   | 2.6                   |
| 23    | 2.4                  | 2.7                  | 0.4                 | 0.5                 | 5.3                 | 5.2                 | 2.0                   | 2.7                   |
| 24    | 2.5                  | 2.7                  | 0.5                 | 0.5                 | 7.7                 | 6.2                 | 1.9                   | 2.6                   |
| 25    | 2.6                  | 2.4                  | 0.5                 | 0.4                 | 7.5                 | 8.3                 | 1.9                   | 2.5                   |
| 26    | 5.5                  | 5.5                  | 0.7                 | 0.7                 | 8.0                 | 9.2                 | 1.9                   | 2.7                   |
| 27    | 3.3                  | 3.4                  | 0.5                 | 0.5                 | 6.1                 | 6.5                 | 2.0                   | 2.8                   |
| 28    | 3.3                  | 3.4                  | 0.7                 | 0.6                 | 7.6                 | 8.3                 | 2.3                   | 3.1                   |
| 29    | 2.9                  | 2.7                  | 0.5                 | 0.5                 | 6.6                 | 6.0                 | 1.8                   | 2.5                   |
| 30    | 2.9                  | 2.8                  | 0.5                 | 0.6                 | 5.1                 | 8.3                 | 1.9                   | 2.5                   |
| 31    | 2.7                  | 3.0                  | 0.6                 | 0.5                 | 8.2                 | 5.2                 | 1.9                   | 2.5                   |
| Total | 55.2                 | 55.6                 | 16.9                | 17.1                | 237.2               | 237.9               | 57.5                  | 78.5                  |

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| Notes: |
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# Runtimes Report

Month: October-16

## Daily

| Date  | Low Lift Pump Motor Runtimes |                  |                  |                  | High Lift Pump Motor Runtimes |                  |                  |                  |
|-------|------------------------------|------------------|------------------|------------------|-------------------------------|------------------|------------------|------------------|
|       | LLP1010<br>(Hrs)             | LLP1020<br>(Hrs) | LLP1030<br>(Hrs) | LLP1040<br>(Hrs) | HLP7010<br>(Hrs)              | HLP7020<br>(Hrs) | HLP7030<br>(Hrs) | HLP7040<br>(Hrs) |
| 1     | 5.9                          | 6.1              | 3.3              | 6.0              | 10.4                          | 0.0              | 6.0              | 1.0              |
| 2     | 4.7                          | 4.5              | 4.6              | 5.2              | 3.0                           | 0.0              | 10.3             | 2.7              |
| 3     | 1.0                          | 2.8              | 4.2              | 4.2              | 2.1                           | 0.0              | 4.9              | 7.6              |
| 4     | 4.5                          | 5.6              | 5.3              | 2.7              | 5.2                           | 0.0              | 0.3              | 11.0             |
| 5     | 5.1                          | 7.4              | 2.9              | 3.1              | 0.0                           | 0.0              | 1.4              | 15.0             |
| 6     | 6.3                          | 5.5              | 5.3              | 2.8              | 5.1                           | 0.0              | 5.9              | 4.9              |
| 7     | 3.6                          | 4.3              | 4.8              | 3.6              | 7.0                           | 0.0              | 5.4              | 4.1              |
| 8     | 3.1                          | 5.5              | 2.6              | 5.6              | 3.0                           | 0.0              | 5.8              | 7.9              |
| 9     | 5.6                          | 3.0              | 3.9              | 5.4              | 2.2                           | 0.0              | 10.8             | 5.4              |
| 10    | 2.8                          | 4.8              | 4.5              | 4.7              | 5.6                           | 0.0              | 2.0              | 8.0              |
| 11    | 3.5                          | 5.6              | 4.7              | 3.7              | 3.0                           | 0.0              | 11.4             | 1.7              |
| 12    | 5.5                          | 5.5              | 5.6              | 5.7              | 16.0                          | 0.0              | 6.1              | 0.0              |
| 13    | 2.7                          | 3.3              | 2.8              | 4.3              | 6.0                           | 0.0              | 4.2              | 4.7              |
| 14    | 5.6                          | 0.8              | 5.0              | 5.3              | 2.4                           | 0.0              | 11.9             | 2.5              |
| 15    | 4.2                          | 3.2              | 5.5              | 3.9              | 3.4                           | 0.0              | 9.9              | 1.7              |
| 16    | 5.4                          | 3.5              | 5.6              | 1.1              | 3.6                           | 0.0              | 10.0             | 2.0              |
| 17    | 4.1                          | 5.6              | 2.9              | 4.9              | 9.0                           | 0.0              | 5.4              | 3.0              |
| 18    | 3.9                          | 5.4              | 5.5              | 3.2              | 1.9                           | 0.0              | 13.0             | 3.2              |
| 19    | 5.5                          | 5.5              | 3.3              | 3.7              | 12.7                          | 0.0              | 0.0              | 4.7              |
| 20    | 5.6                          | 5.4              | 2.8              | 2.0              | 4.9                           | 0.0              | 8.3              | 0.0              |
| 21    | 2.8                          | 0.8              | 5.0              | 2.1              | 4.0                           | 0.0              | 1.8              | 4.6              |
| 22    | 5.3                          | 4.0              | 3.0              | 2.8              | 2.0                           | 0.0              | 6.1              | 7.0              |
| 23    | 3.9                          | 0.6              | 2.7              | 4.8              | 9.4                           | 0.0              | 7.8              | 0.0              |
| 24    | 3.8                          | 5.6              | 2.8              | 3.4              | 8.5                           | 0.0              | 2.3              | 3.0              |
| 25    | 4.8                          | 5.2              | 3.5              | 2.8              | 2.0                           | 0.0              | 8.1              | 6.3              |
| 26    | 4.5                          | 3.4              | 4.6              | 5.6              | 8.4                           | 0.0              | 4.5              | 4.0              |
| 27    | 4.2                          | 5.5              | 2.4              | 1.5              | 3.1                           | 0.0              | 5.2              | 5.5              |
| 28    | 3.3                          | 5.6              | 2.1              | 5.6              | 4.4                           | 0.0              | 3.8              | 5.2              |
| 29    | 2.8                          | 2.9              | 5.6              | 2.2              | 2.5                           | 0.0              | 8.0              | 5.7              |
| 30    | 2.2                          | 5.5              | 2.0              | 3.8              | 1.9                           | 0.0              | 11.0             | 4.1              |
| 31    | 5.0                          | 0.6              | 5.2              | 3.0              | 1.2                           | 0.0              | 10.5             | 3.2              |
| Total | 131.2                        | 133.0            | 124.0            | 118.7            | 153.9                         | 0.0              | 202.1            | 139.7            |

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# Plant Internal Flow Report

Month: October-16

| Date    | Settling Tank Level |         | Process Drain Tank |         | Settling Tank Flow                  |        | Potable Water Flow                  |        | Non-Potable Flow                    |       |
|---------|---------------------|---------|--------------------|---------|-------------------------------------|--------|-------------------------------------|--------|-------------------------------------|-------|
|         | T-9003<br>(m)       |         | T-9001<br>(m)      |         | FIT_9005<br>(m <sup>3</sup> ) (L/s) |        | FIT_7082<br>(m <sup>3</sup> ) (L/s) |        | FIT_7092<br>(m <sup>3</sup> ) (L/s) |       |
|         | Maximum             | Minimum | Maximum            | Minimum | Total                               | Peak   | Total                               | Peak   | Total                               | Peak  |
| 1       | 2.2                 | 0.3     | 0.9                | 0.4     | 202.2                               | 15.7   | 8.4                                 | 5.3    | 0.0                                 | 0.0   |
| 2       | 2.2                 | 0.1     | 1.3                | 0.4     | 142.2                               | 15.7   | 4.2                                 | 5.1    | 0.7                                 | 1.7   |
| 3       | 2.2                 | 0.3     | 1.1                | 0.4     | 166.7                               | 15.7   | 10.5                                | 5.5    | 0.3                                 | 1.4   |
| 4       | 2.2                 | 0.2     | 1.0                | 0.4     | 307.5                               | 15.7   | 9.4                                 | 5.4    | 0.0                                 | 0.0   |
| 5       | 2.2                 | 0.3     | 1.0                | 0.4     | 394.0                               | 15.7   | 13.2                                | 6.0    | 0.0                                 | 0.0   |
| 6       | 2.2                 | 0.1     | 0.8                | 0.4     | 405.3                               | 15.7   | 8.9                                 | 5.5    | 0.0                                 | 0.0   |
| 7       | 2.2                 | 0.3     | 1.0                | 0.4     | 230.2                               | 15.7   | 8.5                                 | 5.8    | 0.3                                 | 1.4   |
| 8       | 2.2                 | 0.3     | 0.8                | 0.4     | 250.3                               | 15.7   | 5.4                                 | 5.2    | 0.0                                 | 0.0   |
| 9       | 2.2                 | 0.3     | 0.8                | 0.4     | 204.6                               | 15.7   | 5.4                                 | 5.2    | 0.0                                 | 0.0   |
| 10      | 2.2                 | 0.2     | 1.0                | 0.4     | 114.3                               | 15.7   | 10.9                                | 5.2    | 0.0                                 | 0.0   |
| 11      | 2.2                 | 0.3     | 1.0                | 0.4     | 259.0                               | 15.7   | 5.9                                 | 5.1    | 0.0                                 | 0.0   |
| 12      | 2.2                 | 0.1     | 0.8                | 0.4     | 372.6                               | 15.7   | 2.7                                 | 5.1    | 0.0                                 | 0.0   |
| 13      | 2.2                 | 0.1     | 0.8                | 0.4     | 215.5                               | 15.7   | 4.9                                 | 5.3    | 0.0                                 | 0.0   |
| 14      | 2.2                 | 0.1     | 1.1                | 0.4     | 197.9                               | 15.7   | 9.5                                 | 5.2    | 0.0                                 | 0.0   |
| 15      | 2.2                 | 0.1     | 0.8                | 0.4     | 270.6                               | 15.7   | 5.4                                 | 5.2    | 0.0                                 | 0.0   |
| 16      | 2.2                 | 0.1     | 0.8                | 0.4     | 320.9                               | 15.7   | 8.1                                 | 5.2    | 0.0                                 | 0.0   |
| 17      | 2.2                 | 0.1     | 0.8                | 0.4     | 343.1                               | 15.7   | 5.4                                 | 4.9    | 0.0                                 | 0.0   |
| 18      | 2.2                 | 0.1     | 1.0                | 0.4     | 350.5                               | 15.7   | 9.7                                 | 5.2    | 0.0                                 | 0.0   |
| 19      | 2.2                 | 0.1     | 1.2                | 0.4     | 165.4                               | 15.7   | 4.1                                 | 5.2    | 0.4                                 | 1.2   |
| 20      | 2.2                 | 0.1     | 0.9                | 0.4     | 139.8                               | 15.7   | 10.0                                | 5.2    | 44.7                                | 23.0  |
| 21      | 2.2                 | 0.1     | 1.1                | 0.4     | 58.3                                | 15.7   | 8.3                                 | 5.2    | 0.0                                 | 0.0   |
| 22      | 2.2                 | 0.2     | 0.8                | 0.4     | 53.1                                | 15.7   | 294.3                               | 5.6    | 0.0                                 | 0.0   |
| 23      | 2.2                 | 0.1     | 0.8                | 0.4     | 49.0                                | 15.7   | 0.0                                 | 0.0    | 0.0                                 | 0.0   |
| 24      | 2.2                 | 0.1     | 1.1                | 0.3     | 66.0                                | 15.7   | 0.0                                 | 1.4    | 17.7                                | 22.4  |
| 25      | 2.2                 | 0.1     | 0.8                | 0.4     | 36.3                                | 15.7   | 0.1                                 | 1.3    | 0.0                                 | 0.0   |
| 26      | 2.2                 | 0.0     | 0.8                | 0.2     | 56.4                                | 15.7   | 165.9                               | 5.8    | 5.9                                 | 25.7  |
| 27      | 2.2                 | 0.1     | 0.8                | 0.4     | 39.9                                | 15.7   | 137.3                               | 5.4    | 0.0                                 | 0.0   |
| 28      | 2.2                 | 0.1     | 1.9                | 0.4     | 56.7                                | 15.7   | 0.0                                 | 1.4    | 0.4                                 | 0.7   |
| 29      | 2.2                 | 0.1     | 0.8                | 0.4     | 81.5                                | 15.7   | 0.0                                 | 0.0    | 0.0                                 | 0.0   |
| 30      | 2.2                 | 0.1     | 0.8                | 0.4     | 44.2                                | 15.7   | 0.0                                 | 0.0    | 0.0                                 | 0.0   |
| 31      | 2.2                 | 0.1     | 0.8                | 0.4     | 34.7                                | 15.7   | 0.1                                 | 1.4    | 0.0                                 | 0.0   |
| Total   |                     |         |                    |         | 5628.3                              |        | 756.6                               |        | 70.4                                |       |
| Average | 2.2                 | 0.2     | 1.0                | 0.4     | 181.6                               | 15.7   | 24.4                                | 4.3    | 2.3                                 | 2.5   |
| Maximum | 2.2                 |         | 1.9                |         | 405.3                               |        | 294.3                               |        | 44.7                                |       |
| Date    | 17-Oct              |         | 28-Oct             |         | 6-Oct                               |        | 22-Oct                              |        | 20-Oct                              |       |
| Minimum |                     | 0.0     |                    | 0.2     |                                     | 15.7   |                                     | 0.0    |                                     | 0.0   |
| Date    |                     | 26-Oct  |                    | 26-Oct  |                                     | 31-Oct |                                     | 23-Oct |                                     | 1-Oct |

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