

# DAILY SAMPLE RESULTS - PART B

Permit Number: FL0031771  
Monitoring Period From: 1/1/19 To: 1/31/19

Facility: Broward Co North Regional WWTP  
D-001/Ocean Outfall

|           | BOD,<br>Carbonaceous<br>5 day, 20C<br>mg/L | Solids, Total<br>Suspended<br>mg/L | Nitrogen,<br>Total<br>mg/L | Phosphorus,<br>Total (as P)<br>mg/L | Oxygen,<br>Dissolved<br>(DO)<br>mg/L<br>minimum | pH<br>s.u.<br>(Min.) | pH<br>s.u.<br>(Max.) |  | Flow (Total<br>Ocean<br>Outfall Flow)<br>MGD | Flow (After<br>BD Chlorine<br>Chamber)<br>MGD | Flow (To<br>Pompano<br>Beach Reuse<br>TP)<br>MGD |
|-----------|--------------------------------------------|------------------------------------|----------------------------|-------------------------------------|-------------------------------------------------|----------------------|----------------------|--|----------------------------------------------|-----------------------------------------------|--------------------------------------------------|
| Code      | 80082                                      | 00530                              | 00600                      | 00665                               | 00300                                           | 00400                | 00400                |  | 50050                                        | 50050                                         | 50050                                            |
| Mon. Site | EFA-04                                     | EFA-04                             | EFA-04                     | EFA-04                              | EFA-04                                          | EFA-04               | EFA-04               |  | CAL-05                                       | FLW-23                                        | FLW-22                                           |
| 1         | 3.8                                        | 5.4                                | 29.3                       | 1.5                                 | 5.0                                             | 7.0                  | 7.4                  |  | 21.8                                         | 23.8                                          | 2.0                                              |
| 2         | 4.6                                        | 6.2                                | 27.4                       | 1.1                                 | 5.0                                             | 6.7                  | 7.3                  |  | 19.2                                         | 22.4                                          | 3.2                                              |
| 3         | 4.3                                        | 6.2                                | 30.8                       | 1.4                                 | 0.0                                             | 6.9                  | 7.2                  |  | 19.2                                         | 20.8                                          | 1.6                                              |
| 4         | 4.5                                        | 3.2                                | 28.9                       | 1.5                                 | 3.5                                             | 6.7                  | 7.4                  |  | 19.5                                         | 22.4                                          | 2.9                                              |
| 5         | 3.0                                        | 4.6                                | 31.2                       | 1.4                                 | 6.3                                             | 7.0                  | 7.5                  |  | 10.8                                         | 13.0                                          | 2.2                                              |
| 6         | 1.0                                        | 4.8                                | 30.1                       | 1.1                                 | 6.4                                             | 6.6                  | 7.5                  |  | 13.7                                         | 16.0                                          | 2.3                                              |
| 7         | 2.5                                        | 4.6                                | 31.7                       | 1.3                                 | 6.0                                             | 6.6                  | 7.4                  |  | 16.0                                         | 18.8                                          | 2.8                                              |
| 8         | 2.9                                        | 4.4                                | 32.1                       | 1.5                                 | 5.9                                             | 6.6                  | 7.4                  |  | 18.8                                         | 21.0                                          | 2.2                                              |
| 9         | 2.5                                        | 3.0                                | 30.2                       | 1.3                                 | 0.0                                             | 6.8                  | 7.5                  |  | 17.2                                         | 21.2                                          | 4.0                                              |
| 10        | 3.2                                        | 4.6                                | 29.5                       | 1.6                                 | 0.0                                             | 6.4                  | 7.5                  |  | 24.0                                         | 26.5                                          | 2.5                                              |
| 11        | 3.7                                        | 6.0                                | 27.0                       | 1.2                                 | 5.7                                             | 6.7                  | 7.5                  |  | 20.6                                         | 22.8                                          | 2.2                                              |
| 12        | 4.5                                        | 8.8                                | 26.2                       | 1.3                                 | 5.7                                             | 7.1                  | 7.6                  |  | 19.1                                         | 21.1                                          | 2.0                                              |
| 13        | 4.6                                        | 8.0                                | 25.0                       | 0.8                                 | 4.2                                             | 7.1                  | 7.5                  |  | 19.4                                         | 22.2                                          | 2.8                                              |
| 14        | 2.4                                        | 3.8                                | 26.7                       | 1.3                                 | 0.0                                             | 6.7                  | 7.5                  |  | 16.5                                         | 19.5                                          | 3.0                                              |
| 15        | 3.5                                        | 3.8                                | 25.7                       | 1.3                                 | 0.0                                             | 7.0                  | 7.8                  |  | 21.8                                         | 23.6                                          | 1.8                                              |
| 16        | 3.7                                        | 5.6                                | 26.3                       | 1.0                                 | 0.4                                             | 6.9                  | 7.7                  |  | 22.3                                         | 24.7                                          | 2.4                                              |
| 17        | 5.1                                        | 6.4                                | 26.7                       | 0.9                                 | 0.1                                             | 6.6                  | 7.6                  |  | 18.7                                         | 21.3                                          | 2.6                                              |
| 18        | 5.4                                        | 6.8                                | 26.7                       | 1.3                                 | 0.1                                             | 6.4                  | 7.5                  |  | 21.5                                         | 22.6                                          | 1.1                                              |
| 19        | 3.9                                        | 6.0                                | 26.4                       | 1.0                                 | 6.0                                             | 7.2                  | 7.5                  |  | 25.0                                         | 26.5                                          | 1.5                                              |
| 20        | 2.9                                        | 3.0                                | 27.5                       | 1.0                                 | 6.0                                             | 7.3                  | 7.7                  |  | 21.2                                         | 23.1                                          | 1.9                                              |
| 21        | 2.2                                        | 6.6                                | 28.4                       | 1.0                                 | 5.7                                             | 6.8                  | 7.7                  |  | 19.1                                         | 21.4                                          | 2.3                                              |
| 22        | 3.9                                        | 4.6                                | 26.8                       | 0.9                                 | 5.7                                             | 7.3                  | 7.6                  |  | 17.0                                         | 19.3                                          | 2.3                                              |
| 23        | 5.5                                        | 5.4                                | 28.7                       | 1.0                                 | 5.5                                             | 7.3                  | 7.5                  |  | 24.0                                         | 25.8                                          | 1.8                                              |
| 24        | 3.8                                        | 4.6                                | 27.4                       | 1.1                                 | 4.5                                             | 7.1                  | 7.5                  |  | 20.5                                         | 22.6                                          | 2.1                                              |
| 25        | 3.2                                        | 4.8                                | 27.0                       | 1.1                                 | 2.6                                             | 6.8                  | 7.7                  |  | 19.0                                         | 20.2                                          | 1.2                                              |
| 26        | 3.6                                        | 5.4                                | 26.2                       | 0.9                                 | 1.8                                             | 7.5                  | 7.7                  |  | 17.8                                         | 18.7                                          | 0.9                                              |
| 27        | 4.2                                        | 5.4                                | 28.2                       | 1.2                                 | 1.3                                             | 7.4                  | 7.6                  |  | 31.0                                         | 32.3                                          | 1.3                                              |
| 28        | 4.5                                        | 5.8                                | 27.6                       | 1.3                                 | 0.6                                             | 7.2                  | 7.7                  |  | 27.3                                         | 28.3                                          | 1.0                                              |
| 29        | 4.1                                        | 5.0                                | 23.8                       | 1.0                                 | 0.0                                             | 6.7                  | 7.7                  |  | 32.4                                         | 33.5                                          | 1.1                                              |
| 30        | 3.4                                        | 7.2                                | 23.5                       | 1.0                                 | 0.0                                             | 6.7                  | 7.6                  |  | 32.0                                         | 33.6                                          | 1.6                                              |
| 31        | 4.5                                        | 7.8                                | 25.0                       | 1.1                                 | 0.1                                             | 7.0                  | 7.6                  |  | 25.6                                         | 27.2                                          | 1.6                                              |
| Total     | 114.9                                      | 167.8                              | 858.0                      | 36.4                                | 94.1                                            | 214.1                | 233.9                |  | 652.0                                        | 716.2                                         | 64.2                                             |
| Mo. Avg.  | 3.7                                        | 5.4                                | 27.7                       | 1.2                                 | 3.0                                             | 6.9                  | 7.5                  |  | 21.0                                         | 23.1                                          | 2.1                                              |

## PLANT STAFFING:

|                        |                         |                                      |                                       |
|------------------------|-------------------------|--------------------------------------|---------------------------------------|
| Day Shift Operator     | Class: <u>    A    </u> | Certificate No: <u>    8341    </u>  | Name: <u>    Persad Bissessar    </u> |
| Evening Shift Operator | Class: <u>    A    </u> | Certificate No: <u>    12509    </u> | Name: <u>    Karen Valiquette    </u> |
| Night Shift Operator   | Class: <u>    A    </u> | Certificate No: <u>    7454    </u>  | Name: <u>    Thomas Pawlicki    </u>  |
| Lead Operator          | Class: <u>    A    </u> | Certificate No: <u>    7015    </u>  | Name: <u>    Ralph Aliseo    </u>     |

## DAILY SAMPLE RESULTS - PART B

Permit Number:  
Monitoring Period

FL0031771  
From: 1/1/19 To: 1/31/19

Facility: Broward Co North Regional WWTP  
D-001/Ocean Outfall

|           | Enterococci<br>#/100mL | Coliform,<br>Fecal<br>#/100mL | Chlorine, Total<br>Residual<br>(Minimum for<br>Disinfection)<br>mg/L | Chlorine, Total<br>Residual<br>(Maximum 1-Day<br>Average for<br>Dechlorination)<br>mg/L | Chlorine, Total<br>Residual<br>(Maximum 1-Hour<br>Average for<br>Dechlorination)<br>mg/L | Chlorine, Total Residual<br>Minimum<br>mg/L<br>(At the Hillsboro Bay by the<br>Sea location, when toxicity<br>sample is taken) | Coliform, Fecal<br>#/100mL<br>(At the Hillsboro Bay by<br>the Sea location, when<br>toxicity sample is taken) |
|-----------|------------------------|-------------------------------|----------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Code      | 31639                  | 74055                         | 50060                                                                | 50060                                                                                   | 50060                                                                                    | 50060                                                                                                                          | 74055                                                                                                         |
| Mon. Site | EFA-04                 | EFA-04                        | EFA-04                                                               | EFA-04                                                                                  | EFA-04                                                                                   | EFF-01                                                                                                                         | EFF-01                                                                                                        |
| 1         |                        | 5                             | 0.7                                                                  | 0.97                                                                                    | 1.02                                                                                     | MNR                                                                                                                            | MNR                                                                                                           |
| 2         | 25                     | 3                             | 0.8                                                                  | 0.96                                                                                    | 1.02                                                                                     | MNR                                                                                                                            | MNR                                                                                                           |
| 3         |                        | 8                             | 0.7                                                                  | 0.96                                                                                    | 1.00                                                                                     | MNR                                                                                                                            | MNR                                                                                                           |
| 4         | 77                     | 14                            | 0.8                                                                  | 0.97                                                                                    | 1.04                                                                                     | MNR                                                                                                                            | MNR                                                                                                           |
| 5         |                        | 11                            | 0.8                                                                  | 0.95                                                                                    | 1.02                                                                                     | MNR                                                                                                                            | MNR                                                                                                           |
| 6         |                        | 7                             | 0.8                                                                  | 0.97                                                                                    | 1.15                                                                                     | MNR                                                                                                                            | MNR                                                                                                           |
| 7         | 34                     | 10                            | 0.7                                                                  | 0.95                                                                                    | 1.06                                                                                     | MNR                                                                                                                            | MNR                                                                                                           |
| 8         |                        | 5                             | 0.7                                                                  | 0.96                                                                                    | 1.12                                                                                     | MNR                                                                                                                            | MNR                                                                                                           |
| 9         | 33                     | <1                            | 0.7                                                                  | 0.95                                                                                    | 1.14                                                                                     | MNR                                                                                                                            | MNR                                                                                                           |
| 10        |                        | 13                            | 0.7                                                                  | 0.95                                                                                    | 1.09                                                                                     | MNR                                                                                                                            | MNR                                                                                                           |
| 11        | 64                     | 14                            | 0.6                                                                  | 0.96                                                                                    | 1.16                                                                                     | MNR                                                                                                                            | MNR                                                                                                           |
| 12        |                        | 11                            | 0.9                                                                  | 0.99                                                                                    | 1.04                                                                                     | MNR                                                                                                                            | MNR                                                                                                           |
| 13        |                        | 10                            | 0.8                                                                  | 0.97                                                                                    | 1.06                                                                                     | MNR                                                                                                                            | MNR                                                                                                           |
| 14        |                        | 10                            | 0.7                                                                  | 0.96                                                                                    | 1.04                                                                                     | MNR                                                                                                                            | MNR                                                                                                           |
| 15        | 267                    | 36                            | 0.7                                                                  | 0.95                                                                                    | 1.03                                                                                     | MNR                                                                                                                            | MNR                                                                                                           |
| 16        |                        | 61                            | 0.8                                                                  | 0.97                                                                                    | 1.02                                                                                     | MNR                                                                                                                            | MNR                                                                                                           |
| 17        | 152                    | 12                            | 0.8                                                                  | 0.94                                                                                    | 0.98                                                                                     | MNR                                                                                                                            | MNR                                                                                                           |
| 18        |                        | 8                             | 0.7                                                                  | 0.98                                                                                    | 1.07                                                                                     | MNR                                                                                                                            | MNR                                                                                                           |
| 19        |                        | 32                            | 0.8                                                                  | 0.97                                                                                    | 1.06                                                                                     | MNR                                                                                                                            | MNR                                                                                                           |
| 20        |                        | 20                            | 0.7                                                                  | 0.89                                                                                    | 1.06                                                                                     | MNR                                                                                                                            | MNR                                                                                                           |
| 21        |                        | 67                            | 0.7                                                                  | 0.94                                                                                    | 1.06                                                                                     | MNR                                                                                                                            | MNR                                                                                                           |
| 22        | 57                     | 6                             | 0.7                                                                  | 0.88                                                                                    | 1.08                                                                                     | MNR                                                                                                                            | MNR                                                                                                           |
| 23        |                        | 9                             | 0.7                                                                  | 0.93                                                                                    | 1.00                                                                                     | MNR                                                                                                                            | MNR                                                                                                           |
| 24        | 24                     | 6                             | 0.8                                                                  | 0.95                                                                                    | 1.02                                                                                     | MNR                                                                                                                            | MNR                                                                                                           |
| 25        |                        | 17                            | 0.8                                                                  | 0.97                                                                                    | 1.07                                                                                     | MNR                                                                                                                            | MNR                                                                                                           |
| 26        |                        | 18                            | 0.7                                                                  | 0.94                                                                                    | 1.05                                                                                     | MNR                                                                                                                            | MNR                                                                                                           |
| 27        |                        | 2                             | 0.8                                                                  | 0.90                                                                                    | 0.99                                                                                     | MNR                                                                                                                            | MNR                                                                                                           |
| 28        | 168                    | 67                            | 0.7                                                                  | 0.93                                                                                    | 1.04                                                                                     | MNR                                                                                                                            | MNR                                                                                                           |
| 29        |                        | 37                            | 0.8                                                                  | 0.95                                                                                    | 1.04                                                                                     | MNR                                                                                                                            | MNR                                                                                                           |
| 30        |                        | 28                            | 0.7                                                                  | 0.96                                                                                    | 1.06                                                                                     | MNR                                                                                                                            | MNR                                                                                                           |
| 31        |                        | 33                            | 0.7                                                                  | 0.98                                                                                    | 1.09                                                                                     | MNR                                                                                                                            | MNR                                                                                                           |
| Total     | 901                    | 580                           | 23.0                                                                 | 29.50                                                                                   | 32.68                                                                                    | MNR                                                                                                                            | MNR                                                                                                           |
| Mo. Avg.  | 90                     | 19                            | 0.7                                                                  | 0.95                                                                                    | 1.05                                                                                     | MNR                                                                                                                            | MNR                                                                                                           |

**PLANT STAFFING:**

|                        |                 |                              |                               |
|------------------------|-----------------|------------------------------|-------------------------------|
| Day Shift Operator     | Class: <u>A</u> | Certificate No: <u>8341</u>  | Name: <u>Persad Bissessar</u> |
| Evening Shift Operator | Class: <u>A</u> | Certificate No: <u>12509</u> | Name: <u>Karen Valiquette</u> |
| Night Shift Operator   | Class: <u>A</u> | Certificate No: <u>7454</u>  | Name: <u>Thomas Pawlicki</u>  |
| Lead Operator          | Class: <u>A</u> | Certificate No: <u>7015</u>  | Name: <u>Ralph Aliseo</u>     |



# DAILY SAMPLE RESULTS - PART B

Permit Number: FL0031771  
Monitoring Period: From: 1/1/19 To: 1/31/19

Facility: Broward Co North Regional WWTP  
Influent

|           | BOD,<br>Carbonaceous<br>5 day, 20C<br>(Influent)<br>mg/L | Solids, Total<br>Suspended<br>(Influent)<br>mg/L | Flow<br>(Treatment<br>Train A)<br>MGD | Flow<br>(Treatment<br>Train B)<br>MGD | Flow<br>(Treatment<br>Train C)<br>MGD | Flow<br>(Treatment<br>Train D)<br>MGD | Flow<br>(Treatment<br>Train E)<br>MGD | Flow<br>(Facility Lift<br>Station 1)<br>MGD | Flow<br>(Facility Lift<br>Station 2)<br>MGD | Flow<br>(Facility Lift<br>Station 3)<br>MGD | Flow<br>(Facility Lift<br>Station 4)<br>MGD |
|-----------|----------------------------------------------------------|--------------------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------------|---------------------------------------------|---------------------------------------------|---------------------------------------------|
| Code      | 80082                                                    | 00530                                            | 50050                                 | 50050                                 | 50050                                 | 50050                                 | 50050                                 | 50050                                       | 50050                                       | 50050                                       | 50050                                       |
| Mon. Site | INF-01                                                   | INF-01                                           | FLW-01                                | FLW-02                                | FLW-03                                | FLW-04                                | FLW-05                                | FLW-06                                      | FLW-07                                      | FLW-08                                      | FLW-09                                      |
| 1         | 189                                                      | 196                                              | 10.0                                  | 15.0                                  | 16.7                                  | 0.0                                   | 22.3                                  | 0.00                                        | 0.02                                        | 2.7                                         | 0.10                                        |
| 2         | 256                                                      | 506                                              | 10.3                                  | 15.2                                  | 17.0                                  | 0.0                                   | 22.6                                  | 0.00                                        | 0.02                                        | 2.9                                         | 0.33                                        |
| 3         | 190                                                      | 264                                              | 10.8                                  | 15.5                                  | 17.4                                  | 0.0                                   | 21.0                                  | 0.00                                        | 0.02                                        | 2.9                                         | 0.20                                        |
| 4         | 400                                                      | 360                                              | 8.8                                   | 12.8                                  | 16.0                                  | 0.0                                   | 18.3                                  | 0.01                                        | 0.03                                        | 2.9                                         | 0.18                                        |
| 5         | 143                                                      | 326                                              | 8.0                                   | 11.1                                  | 15.3                                  | 0.0                                   | 18.2                                  | 0.00                                        | 0.02                                        | 2.9                                         | 0.15                                        |
| 6         | 172                                                      | 150                                              | 7.5                                   | 12.4                                  | 14.9                                  | 0.0                                   | 20.5                                  | 0.00                                        | 0.00                                        | 2.9                                         | 0.15                                        |
| 7         | 244                                                      | 174                                              | 8.1                                   | 12.8                                  | 15.1                                  | 0.0                                   | 20.2                                  | 0.00                                        | 0.00                                        | 3.0                                         | 0.18                                        |
| 8         | 278                                                      | 250                                              | 8.8                                   | 12.2                                  | 15.0                                  | 0.0                                   | 19.9                                  | 0.00                                        | 0.02                                        | 3.0                                         | 0.14                                        |
| 9         | 250                                                      | 184                                              | 9.7                                   | 11.6                                  | 15.4                                  | 0.0                                   | 19.5                                  | 0.00                                        | 0.03                                        | 2.4                                         | 0.14                                        |
| 10        | 346                                                      | 310                                              | 11.4                                  | 12.5                                  | 16.5                                  | 0.0                                   | 20.3                                  | 0.00                                        | 0.02                                        | 2.9                                         | 0.14                                        |
| 11        | 326                                                      | 338                                              | 14.8                                  | 15.2                                  | 14.3                                  | 0.0                                   | 20.9                                  | 0.37                                        | 0.04                                        | 2.9                                         | 0.14                                        |
| 12        | 156                                                      | 426                                              | 11.9                                  | 15.9                                  | 15.6                                  | 0.0                                   | 22.5                                  | 0.79                                        | 0.04                                        | 3.0                                         | 0.14                                        |
| 13        | 253                                                      | 226                                              | 12.2                                  | 17.3                                  | 15.6                                  | 0.0                                   | 23.3                                  | 0.67                                        | 0.04                                        | 3.0                                         | 0.14                                        |
| 14        | 339                                                      | 166                                              | 11.1                                  | 14.2                                  | 17.1                                  | 0.0                                   | 23.9                                  | 0.17                                        | 0.04                                        | 3.0                                         | 0.17                                        |
| 15        | 258                                                      | 248                                              | 10.3                                  | 12.9                                  | 18.7                                  | 0.0                                   | 23.6                                  | 0.00                                        | 0.04                                        | 2.8                                         | 0.14                                        |
| 16        | 270                                                      | 284                                              | 10.3                                  | 13.3                                  | 18.8                                  | 0.0                                   | 22.3                                  | 0.00                                        | 0.02                                        | 2.7                                         | 0.18                                        |
| 17        | 208                                                      | 726                                              | 10.4                                  | 13.5                                  | 19.1                                  | 0.0                                   | 20.4                                  | 0.00                                        | 0.02                                        | 2.4                                         | 0.14                                        |
| 18        | 334                                                      | 346                                              | 10.6                                  | 13.2                                  | 19.0                                  | 0.0                                   | 21.6                                  | 0.00                                        | 0.04                                        | 2.8                                         | 0.13                                        |
| 19        | 154                                                      | 220                                              | 11.2                                  | 13.6                                  | 19.0                                  | 0.0                                   | 23.0                                  | 0.00                                        | 0.04                                        | 2.8                                         | 0.14                                        |
| 20        | 237                                                      | 282                                              | 10.9                                  | 13.5                                  | 19.4                                  | 0.0                                   | 23.2                                  | 0.00                                        | 0.04                                        | 2.8                                         | 0.15                                        |
| 21        | 166                                                      | 122                                              | 10.0                                  | 14.3                                  | 18.7                                  | 0.0                                   | 23.7                                  | 0.02                                        | 0.02                                        | 2.8                                         | 0.14                                        |
| 22        | 189                                                      | 144                                              | 8.8                                   | 16.1                                  | 17.9                                  | 0.0                                   | 22.7                                  | 0.00                                        | 0.03                                        | 2.9                                         | 0.15                                        |
| 23        | 358                                                      | 458                                              | 8.8                                   | 16.1                                  | 17.7                                  | 0.0                                   | 21.3                                  | 0.01                                        | 0.02                                        | 2.9                                         | 0.15                                        |
| 24        | 208                                                      | 210                                              | 8.9                                   | 16.5                                  | 18.6                                  | 0.0                                   | 21.2                                  | 0.04                                        | 0.03                                        | 2.6                                         | 0.16                                        |
| 25        | 200                                                      | 126                                              | 9.3                                   | 12.8                                  | 18.0                                  | 0.0                                   | 23.5                                  | 0.00                                        | 0.02                                        | 2.4                                         | 0.17                                        |
| 26        | 192                                                      | 1900                                             | 11.1                                  | 11.7                                  | 18.8                                  | 0.0                                   | 26.0                                  | 0.02                                        | 0.00                                        | 2.5                                         | 0.21                                        |
| 27        | 181                                                      | 172                                              | 14.1                                  | 14.5                                  | 21.2                                  | 0.0                                   | 28.1                                  | 0.01                                        | 0.02                                        | 2.7                                         | 0.21                                        |
| 28        | 191                                                      | 184                                              | 15.2                                  | 15.6                                  | 21.8                                  | 0.0                                   | 26.8                                  | 0.00                                        | 0.02                                        | 2.6                                         | 0.24                                        |
| 29        | 186                                                      | 180                                              | 13.4                                  | 16.2                                  | 20.6                                  | 0.0                                   | 25.8                                  | 0.00                                        | 0.00                                        | 2.5                                         | 0.28                                        |
| 30        | 173                                                      | 172                                              | 12.3                                  | 17.3                                  | 19.9                                  | 0.4                                   | 24.5                                  | 0.00                                        | 0.02                                        | 2.3                                         | 0.34                                        |
| 31        | 168                                                      | 94                                               | 11.4                                  | 16.9                                  | 19.4                                  | 0.2                                   | 24.3                                  | 0.00                                        | 0.02                                        | 2.4                                         | 0.35                                        |
| Total     | 7,215                                                    | 9,744                                            | 330.4                                 | 441.7                                 | 548.5                                 | 0.6                                   | 695.4                                 | 2.11                                        | 0.74                                        | 85.3                                        | 5.58                                        |
| Mo. Avg.  | 233                                                      | 314                                              | 10.7                                  | 14.2                                  | 17.7                                  | 0.0                                   | 22.4                                  | 0.07                                        | 0.02                                        | 2.8                                         | 0.18                                        |

## PLANT STAFFING:

|                        |                 |                              |                               |
|------------------------|-----------------|------------------------------|-------------------------------|
| Day Shift Operator     | Class: <u>A</u> | Certificate No: <u>8341</u>  | Name: <u>Persad Bissessar</u> |
| Evening Shift Operator | Class: <u>A</u> | Certificate No: <u>12509</u> | Name: <u>Karen Valiquette</u> |
| Night Shift Operator   | Class: <u>A</u> | Certificate No: <u>7454</u>  | Name: <u>Thomas Pawlicki</u>  |
| Lead Operator          | Class: <u>A</u> | Certificate No: <u>7015</u>  | Name: <u>Ralph Aliseo</u>     |

## DAILY SAMPLE RESULTS - PART B

Permit Number:  
Monitoring Period

FL0031771  
From: 1/1/19 To: 1/31/19

Facility: Broward Co North Regional WWTP  
Influent

|           | Flow (Facility<br>Lift Station 5)<br>MGD | Flow<br>(Facility<br>Lift Station<br>6)<br>MGD | Flow<br>(Facility Lift<br>Station 7)<br>MGD | Flow (Total<br>Influent<br>Calculated)<br>mgd |  |  |  |  |  |  |  |
|-----------|------------------------------------------|------------------------------------------------|---------------------------------------------|-----------------------------------------------|--|--|--|--|--|--|--|
| Code      | 50050                                    | 50050                                          | 50050                                       | 50050                                         |  |  |  |  |  |  |  |
| Mon. Site | FLW-10                                   | FLW-11                                         | FLW-12                                      | CAL-01                                        |  |  |  |  |  |  |  |
| 1         | 0.4                                      | 0.4                                            | 1.1                                         | 63.3                                          |  |  |  |  |  |  |  |
| 2         | 0.6                                      | 0.4                                            | 1.3                                         | 64.2                                          |  |  |  |  |  |  |  |
| 3         | 0.5                                      | 0.4                                            | 0.8                                         | 64.0                                          |  |  |  |  |  |  |  |
| 4         | 0.8                                      | 0.4                                            | 1.7                                         | 54.9                                          |  |  |  |  |  |  |  |
| 5         | 0.8                                      | 0.4                                            | 0.9                                         | 51.6                                          |  |  |  |  |  |  |  |
| 6         | 0.6                                      | 0.4                                            | 0.8                                         | 54.6                                          |  |  |  |  |  |  |  |
| 7         | 0.6                                      | 0.4                                            | 1.0                                         | 55.5                                          |  |  |  |  |  |  |  |
| 8         | 0.5                                      | 0.4                                            | 0.8                                         | 55.4                                          |  |  |  |  |  |  |  |
| 9         | 0.2                                      | 0.4                                            | 1.0                                         | 55.8                                          |  |  |  |  |  |  |  |
| 10        | 0.2                                      | 0.3                                            | 0.8                                         | 60.4                                          |  |  |  |  |  |  |  |
| 11        | 0.5                                      | 0.3                                            | 1.3                                         | 64.2                                          |  |  |  |  |  |  |  |
| 12        | 0.8                                      | 0.3                                            | 0.9                                         | 64.1                                          |  |  |  |  |  |  |  |
| 13        | 0.8                                      | 0.3                                            | 1.3                                         | 66.7                                          |  |  |  |  |  |  |  |
| 14        | 0.7                                      | 0.3                                            | 1.3                                         | 65.2                                          |  |  |  |  |  |  |  |
| 15        | 0.4                                      | 0.3                                            | 1.2                                         | 64.9                                          |  |  |  |  |  |  |  |
| 16        | 0.2                                      | 0.2                                            | 1.4                                         | 64.2                                          |  |  |  |  |  |  |  |
| 17        | 0.6                                      | 0.2                                            | 0.6                                         | 62.6                                          |  |  |  |  |  |  |  |
| 18        | 0.7                                      | 0.3                                            | 1.2                                         | 63.6                                          |  |  |  |  |  |  |  |
| 19        | 0.6                                      | 0.3                                            | 1.0                                         | 65.9                                          |  |  |  |  |  |  |  |
| 20        | 0.5                                      | 0.3                                            | 1.1                                         | 66.2                                          |  |  |  |  |  |  |  |
| 21        | 0.7                                      | 0.3                                            | 1.4                                         | 65.9                                          |  |  |  |  |  |  |  |
| 22        | 0.7                                      | 0.2                                            | 1.5                                         | 64.6                                          |  |  |  |  |  |  |  |
| 23        | 0.7                                      | 0.2                                            | 1.2                                         | 63.0                                          |  |  |  |  |  |  |  |
| 24        | 0.8                                      | 0.2                                            | 1.6                                         | 64.2                                          |  |  |  |  |  |  |  |
| 25        | 0.6                                      | 0.2                                            | 1.3                                         | 62.8                                          |  |  |  |  |  |  |  |
| 26        | 0.3                                      | 0.2                                            | 1.1                                         | 67.1                                          |  |  |  |  |  |  |  |
| 27        | 0.3                                      | 0.2                                            | 1.0                                         | 77.4                                          |  |  |  |  |  |  |  |
| 28        | 0.2                                      | 0.1                                            | 1.3                                         | 78.9                                          |  |  |  |  |  |  |  |
| 29        | 0.7                                      | 0.2                                            | 0.7                                         | 75.0                                          |  |  |  |  |  |  |  |
| 30        | 1.2                                      | 0.2                                            | 0.9                                         | 72.9                                          |  |  |  |  |  |  |  |
| 31        | 1.3                                      | 0.1                                            | 1.4                                         | 70.7                                          |  |  |  |  |  |  |  |
| Total     | 18.5                                     | 8.8                                            | 34.9                                        | 1,989.8                                       |  |  |  |  |  |  |  |
| Mo. Avg.  | 0.6                                      | 0.3                                            | 1.1                                         | 64.2                                          |  |  |  |  |  |  |  |

**PLANT STAFFING:**

|                        |                         |                                      |                                       |
|------------------------|-------------------------|--------------------------------------|---------------------------------------|
| Day Shift Operator     | Class: <u>    A    </u> | Certificate No: <u>    8341    </u>  | Name: <u>    Persad Bissessar    </u> |
| Evening Shift Operator | Class: <u>    A    </u> | Certificate No: <u>    12509    </u> | Name: <u>    Karen Valiquette    </u> |
| Night Shift Operator   | Class: <u>    A    </u> | Certificate No: <u>    7454    </u>  | Name: <u>    Thomas Pawlicki    </u>  |
| Lead Operator          | Class: <u>    A    </u> | Certificate No: <u>    7015    </u>  | Name: <u>    Ralph Aliseo    </u>     |

## DAILY SAMPLE RESULTS - PART B

Permit Number:  
Monitoring Period

FL0031771  
From: 1/1/19 To: 1/31/19

Facility: Broward Co North Regional WWTP  
Underground Injection Well System

|           | BOD,<br>Carbonaceous<br>5 day, 20C<br>mg/L | Solids, Total<br>Suspended<br>mg/L | pH<br>s.u.<br>(Min.) | pH<br>s.u.<br>(Max.) |  |  |  |  |  |  |
|-----------|--------------------------------------------|------------------------------------|----------------------|----------------------|--|--|--|--|--|--|
| Code      | 80082                                      | 00530                              | 00400                | 00400                |  |  |  |  |  |  |
| Mon. Site | EFB-03                                     | EFB-03                             | EFB-03               | EFB-03               |  |  |  |  |  |  |
| 1         | 3.9                                        | 3.8                                | 6.8                  | 7.0                  |  |  |  |  |  |  |
| 2         | 2.6                                        | 4.0                                | 6.8                  | 7.0                  |  |  |  |  |  |  |
| 3         | 3.2                                        | 5.6                                | 6.9                  | 7.0                  |  |  |  |  |  |  |
| 4         | 3.9                                        | 5.2                                | 6.8                  | 7.0                  |  |  |  |  |  |  |
| 5         | 3.5                                        | 3.6                                | 6.9                  | 7.0                  |  |  |  |  |  |  |
| 6         | 2.7                                        | 4.6                                | 6.8                  | 7.0                  |  |  |  |  |  |  |
| 7         | 3.9                                        | 3.2                                | 6.8                  | 7.0                  |  |  |  |  |  |  |
| 8         | 6.2                                        | 4.2                                | 6.9                  | 7.0                  |  |  |  |  |  |  |
| 9         | 5.1                                        | 7.4                                | 6.8                  | 7.0                  |  |  |  |  |  |  |
| 10        | 4.3                                        | 7.6                                | 6.9                  | 7.0                  |  |  |  |  |  |  |
| 11        | 4.3                                        | 3.0                                | 6.8                  | 7.0                  |  |  |  |  |  |  |
| 12        | 3.7                                        | 4.2                                | 6.9                  | 7.0                  |  |  |  |  |  |  |
| 13        | 4.0                                        | 3.8                                | 6.8                  | 7.0                  |  |  |  |  |  |  |
| 14        | 3.4                                        | 3.8                                | 6.8                  | 7.0                  |  |  |  |  |  |  |
| 15        | 4.1                                        | 2.8                                | 6.8                  | 7.0                  |  |  |  |  |  |  |
| 16        | 4.1                                        | 5.8                                | 6.8                  | 7.0                  |  |  |  |  |  |  |
| 17        | 5.2                                        | 4.2                                | 6.4                  | 7.0                  |  |  |  |  |  |  |
| 18        | 5.2                                        | 4.0                                | 6.9                  | 7.0                  |  |  |  |  |  |  |
| 19        | 4.2                                        | 5.0                                | 6.8                  | 7.0                  |  |  |  |  |  |  |
| 20        | 4.6                                        | 4.8                                | 6.8                  | 6.9                  |  |  |  |  |  |  |
| 21        | 2.5                                        | 6.6                                | 6.7                  | 6.9                  |  |  |  |  |  |  |
| 22        | 4.1                                        | 6.0                                | 6.8                  | 7.0                  |  |  |  |  |  |  |
| 23        | 5.0                                        | 7.0                                | 6.8                  | 7.0                  |  |  |  |  |  |  |
| 24        | 3.3                                        | 4.0                                | 6.8                  | 7.0                  |  |  |  |  |  |  |
| 25        | 4.0                                        | 7.6                                | 6.8                  | 7.0                  |  |  |  |  |  |  |
| 26        | 4.7                                        | 5.8                                | 6.8                  | 7.0                  |  |  |  |  |  |  |
| 27        | 4.7                                        | 4.0                                | 6.8                  | 7.0                  |  |  |  |  |  |  |
| 28        | 4.9                                        | 5.0                                | 6.8                  | 7.0                  |  |  |  |  |  |  |
| 29        | 5.5                                        | 3.2                                | 6.8                  | 7.0                  |  |  |  |  |  |  |
| 30        | 2.7                                        | 4.6                                | 6.8                  | 6.9                  |  |  |  |  |  |  |
| 31        | 3.4                                        | 3.6                                | 6.8                  | 7.0                  |  |  |  |  |  |  |
| Total     | 126.9                                      | 148.0                              | 210.9                | 216.7                |  |  |  |  |  |  |
| Mo. Avg.  | 4.1                                        | 4.8                                | 6.8                  | 7.0                  |  |  |  |  |  |  |

**PLANT STAFFING:**

Day Shift Operator

Class: A Certificate No: 8341 Name: Persad Bissessar

Evening Shift Operator

Class: A Certificate No: 12509 Name: Karen Valiquette

Night Shift Operator

Class: A Certificate No: 7454 Name: Thomas Pawlicki

Lead Operator

Class: A Certificate No: 7015 Name: Ralph Aliseo



# DAILY SAMPLE RESULTS - PART B

Permit Number: FL0031771  
Monitoring Period From: 1/1/19 To: 1/31/19

Facility: Broward Co North Regional WWTP  
Underground Injection Well System

|           | Flow (IW-1)<br>MGD | Flow (IW-2)<br>MGD | Flow (IW-3)<br>MGD | Flow (IW-4)<br>MGD | Flow (IW-5)<br>MGD | Flow (IW-6)<br>MGD | Flow (IW-7)<br>MGD | Flow (IW-8)<br>MGD | Flow (Total<br>to injection<br>wells)<br>MGD |  |  |
|-----------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------------------------------------|--|--|
| Code      | 50050              | 50050              | 50050              | 50050              | 50050              | 50050              | 50050              | 50050              | 50050                                        |  |  |
| Mon. Site | FLW-16             | FLW-17             | FLW-18             | FLW-19             | FLW-20             | FLW-21             | FLW-25             | FLW-26             | CAL-04                                       |  |  |
| 1         | 3.2                | 4.0                | 4.6                | 5.7                | 8.8                | 9.2                | 0.0                | 0.0                | 35.5                                         |  |  |
| 2         | 3.1                | 3.5                | 4.1                | 4.2                | 9.6                | 10.1               | 0.0                | 0.0                | 37.6                                         |  |  |
| 3         | 3.4                | 4.2                | 4.0                | 12.8               | 6.4                | 10.3               | 0.0                | 0.0                | 39.2                                         |  |  |
| 4         | 3.4                | 4.1                | 4.6                | 4.5                | 4.4                | 7.2                | 0.0                | 0.0                | 28.2                                         |  |  |
| 5         | 3.7                | 4.4                | 4.2                | 8.3                | 4.5                | 9.7                | 0.0                | 0.0                | 34.8                                         |  |  |
| 6         | 3.6                | 4.1                | 4.1                | 8.6                | 4.4                | 9.9                | 0.0                | 0.0                | 34.8                                         |  |  |
| 7         | 3.9                | 4.8                | 5.6                | 3.3                | 4.7                | 10.3               | 0.0                | 0.0                | 32.6                                         |  |  |
| 8         | 3.8                | 4.6                | 5.6                | 3.3                | 4.6                | 8.4                | 0.0                | 0.0                | 30.4                                         |  |  |
| 9         | 3.7                | 4.5                | 5.5                | 2.6                | 4.5                | 10.0               | 0.0                | 0.0                | 30.8                                         |  |  |
| 10        | 3.2                | 3.6                | 4.8                | 2.0                | 8.7                | 7.8                | 0.0                | 0.0                | 30.0                                         |  |  |
| 11        | 3.3                | 3.6                | 4.0                | 8.0                | 9.6                | 8.8                | 0.0                | 0.0                | 37.3                                         |  |  |
| 12        | 3.3                | 3.3                | 3.8                | 9.5                | 9.2                | 9.9                | 0.0                | 0.0                | 39.1                                         |  |  |
| 13        | 3.4                | 3.8                | 4.2                | 9.1                | 9.6                | 10.1               | 0.0                | 0.0                | 40.3                                         |  |  |
| 14        | 3.5                | 4.0                | 4.2                | 9.4                | 10.0               | 10.3               | 0.0                | 0.0                | 41.4                                         |  |  |
| 15        | 3.2                | 3.5                | 4.5                | 6.9                | 9.7                | 9.3                | 0.0                | 0.0                | 37.2                                         |  |  |
| 16        | 3.7                | 4.6                | 4.6                | 9.2                | 6.4                | 7.0                | 0.0                | 0.0                | 35.4                                         |  |  |
| 17        | 3.2                | 3.7                | 4.3                | 7.2                | 9.6                | 9.7                | 0.0                | 0.0                | 37.6                                         |  |  |
| 18        | 2.7                | 3.7                | 4.5                | 6.4                | 9.8                | 10.1               | 0.0                | 0.0                | 37.3                                         |  |  |
| 19        | 2.2                | 3.2                | 3.7                | 8.9                | 9.3                | 8.7                | 0.0                | 0.0                | 35.9                                         |  |  |
| 20        | 3.0                | 3.9                | 4.3                | 9.3                | 9.2                | 9.7                | 0.0                | 0.0                | 39.4                                         |  |  |
| 21        | 3.1                | 4.0                | 4.6                | 8.9                | 9.8                | 10.1               | 0.0                | 0.0                | 40.5                                         |  |  |
| 22        | 3.0                | 3.6                | 3.9                | 9.7                | 10.2               | 10.6               | 0.0                | 0.0                | 41.1                                         |  |  |
| 23        | 2.5                | 3.3                | 5.0                | 3.7                | 9.2                | 9.3                | 0.0                | 0.0                | 33.1                                         |  |  |
| 24        | 2.5                | 3.2                | 3.9                | 8.5                | 9.4                | 9.9                | 0.0                | 0.0                | 37.4                                         |  |  |
| 25        | 2.6                | 3.4                | 4.2                | 8.2                | 9.8                | 10.3               | 0.0                | 0.0                | 38.7                                         |  |  |
| 26        | 3.6                | 5.0                | 5.8                | 9.4                | 10.1               | 10.7               | 0.0                | 0.0                | 44.6                                         |  |  |
| 27        | 2.0                | 4.5                | 5.2                | 8.7                | 10.5               | 11.0               | 0.0                | 0.0                | 41.4                                         |  |  |
| 28        | 2.8                | 5.2                | 5.7                | 9.9                | 11.1               | 11.8               | 0.0                | 0.0                | 46.5                                         |  |  |
| 29        | 1.9                | 3.5                | 4.6                | 7.0                | 10.7               | 10.4               | 0.0                | 0.0                | 37.8                                         |  |  |
| 30        | 1.2                | 5.9                | 6.0                | 2.5                | 9.9                | 10.5               | 0.0                | 0.0                | 35.6                                         |  |  |
| 31        | 1.5                | 5.0                | 4.6                | 7.4                | 10.2               | 10.7               | 0.0                | 0.0                | 39.4                                         |  |  |
| Total     | 93.2               | 125.7              | 142.7              | 223.1              | 263.9              | 301.8              | 0.0                | 0.0                | 1,150.9                                      |  |  |
| Mo. Avg.  | 3.0                | 4.1                | 4.6                | 7.2                | 8.5                | 9.7                | 0.0                | 0.0                | 37.1                                         |  |  |

## PLANT STAFFING:

|                        |                 |                              |                               |
|------------------------|-----------------|------------------------------|-------------------------------|
| Day Shift Operator     | Class: <u>A</u> | Certificate No: <u>8341</u>  | Name: <u>Persad Bissessar</u> |
| Evening Shift Operator | Class: <u>A</u> | Certificate No: <u>12509</u> | Name: <u>Karen Valiquette</u> |
| Night Shift Operator   | Class: <u>A</u> | Certificate No: <u>7454</u>  | Name: <u>Thomas Pawlicki</u>  |
| Lead Operator          | Class: <u>A</u> | Certificate No: <u>7015</u>  | Name: <u>Ralph Aliseo</u>     |

# DAILY SAMPLE RESULTS - PART B

Permit Number: FL0031771  
Monitoring Period From: 1/1/19 To: 1/31/19

Facility: Broward Co North Regional WWTP  
Reuse Systems

|           | BOD,<br>Carbonaceous 5 day, 20C<br>mg/L | Chlorine,<br>Total Residual (For<br>Disinfection)<br>mg/L | Coliform,<br>Fecal<br>#/100mL | Nitrogen,<br>Kjeldahl,<br>Total (as N)<br>mg/L | Nitrogen,<br>Nitrate, Total<br>(as N)<br>mg/L | Nitrogen,<br>Nitrite, Total<br>(as N)<br>mg/L | Nitrogen,<br>Total<br>mg/L | Phosphorus,<br>Total (as P)<br>mg/L | Solids, Total<br>Suspended<br>mg/L | pH<br>s.u.<br>(Min.) | pH<br>s.u.<br>(Max.) |
|-----------|-----------------------------------------|-----------------------------------------------------------|-------------------------------|------------------------------------------------|-----------------------------------------------|-----------------------------------------------|----------------------------|-------------------------------------|------------------------------------|----------------------|----------------------|
| Code      | 80082                                   | 50060                                                     | 74055                         | 00625                                          | 00620                                         | 00615                                         | 00600                      | 00665                               | 00530                              | 00400                | 00400                |
| Mon. Site | EFA-02                                  | EFA-02                                                    | EFA-02                        | EFA-02                                         | EFA-02                                        | EFA-02                                        | EFA-02                     | EFA-02                              | EFA-02                             | EFA-02               | EFA-02               |
| 1         | 3.9                                     | 3.1                                                       | <1                            | 25.0                                           | 0.5                                           | 3.0                                           | 28.5                       | 1.5                                 | 2.8                                | 7.0                  | 7.0                  |
| 2         | 3.7                                     | 3.4                                                       | <1                            | 24.1                                           | 0.6                                           | 3.1                                           | 27.8                       | 1.4                                 | 2.8                                | 7.0                  | 7.1                  |
| 3         | 3.4                                     | 3.4                                                       | <1                            | 27.5                                           | 0.5                                           | 3.1                                           | 31.1                       | 1.6                                 | 1.3                                | 7.0                  | 7.1                  |
| 4         | 3.4                                     | 3.9                                                       | <1                            | 29.6                                           | 0.4                                           | 2.8                                           | 32.8                       | 1.5                                 | 1.3                                | 7.0                  | 7.1                  |
| 5         | 3.0                                     | 3.7                                                       | <1                            | 28.0                                           | 0.4                                           | 2.6                                           | 31.0                       | 1.5                                 | 1.3                                | 7.0                  | 7.1                  |
| 6         | 4.2                                     | 3.3                                                       | <1                            | 28.5                                           | 0.6                                           | 2.9                                           | 32.0                       | 1.5                                 | 1.3                                | 7.0                  | 7.1                  |
| 7         | 2.5                                     | 3.5                                                       | <1                            | 28.1                                           | 0.8                                           | 3.7                                           | 32.6                       | 1.6                                 | 1.3                                | 7.0                  | 7.1                  |
| 8         | 2.9                                     | 4.5                                                       | <1                            | 27.3                                           | 0.7                                           | 3.5                                           | 31.5                       | 1.5                                 | 1.3                                | 7.0                  | 7.1                  |
| 9         | 2.5                                     | 4.1                                                       | 4                             | 26.2                                           | 0.7                                           | 3.3                                           | 30.2                       | 1.5                                 | 1.3                                | 7.0                  | 7.0                  |
| 10        | 2.7                                     | 3.7                                                       | <1                            | 25.5                                           | 0.6                                           | 2.8                                           | 28.9                       | 1.6                                 | 1.3                                | 6.9                  | 7.1                  |
| 11        | 3.0                                     | 4.2                                                       | <1                            | 23.3                                           | 0.6                                           | 2.8                                           | 26.7                       | 1.3                                 | 1.3                                | 7.0                  | 7.0                  |
| 12        | 2.7                                     | 3.1                                                       | <1                            | 20.3                                           | 0.5                                           | 2.4                                           | 23.2                       | 1.2                                 | 2.7                                | 6.9                  | 7.0                  |
| 13        | 6.0                                     | 3.0                                                       | <1                            | 19.5                                           | 0.8                                           | 3.3                                           | 23.6                       | 1.0                                 | 1.3                                | 6.9                  | 7.0                  |
| 14        | 2.6                                     | 2.6                                                       | <1                            | 19.7                                           | 1.0                                           | 3.9                                           | 24.6                       | 1.3                                 | 1.3                                | 6.9                  | 7.0                  |
| 15        | 3.5                                     | 4.5                                                       | <1                            | 21.3                                           | 0.8                                           | 3.4                                           | 25.5                       | 1.4                                 | 1.3                                | 6.9                  | 7.0                  |
| 16        | 3.6                                     | 4.6                                                       | <1                            | 19.6                                           | 0.7                                           | 2.8                                           | 23.1                       | 1.0                                 | 2.7                                | 6.9                  | 7.0                  |
| 17        | 4.4                                     | 4.3                                                       | <1                            | 19.2                                           | 0.6                                           | 2.7                                           | 22.5                       | 1.0                                 | 2.9                                | 6.9                  | 7.0                  |
| 18        | 3.8                                     | 4.4                                                       | <1                            | 19.6                                           | 0.5                                           | 2.6                                           | 22.7                       | 1.2                                 | 3.0                                | 6.9                  | 7.0                  |
| 19        | 3.5                                     | 4.0                                                       | <1                            | 21.6                                           | 0.4                                           | 2.5                                           | 24.5                       | 0.9                                 | 1.3                                | 7.0                  | 7.0                  |
| 20        | 2.5                                     | 4.2                                                       | <1                            | 23.2                                           | 0.6                                           | 2.8                                           | 26.6                       | 1.0                                 | 1.3                                | 7.0                  | 7.0                  |
| 21        | 1.0                                     | 3.5                                                       | <1                            | 22.2                                           | 0.6                                           | 3.1                                           | 25.9                       | 1.1                                 | 2.6                                | 7.0                  | 7.0                  |
| 22        | 3.7                                     | 4.0                                                       | <1                            | 22.5                                           | 0.8                                           | 3.3                                           | 26.6                       | 1.2                                 | 1.3                                | 7.0                  | 7.0                  |
| 23        | 4.7                                     | 3.8                                                       | <1                            | 23.2                                           | 0.7                                           | 2.8                                           | 26.7                       | 1.4                                 | 3.0                                | 7.0                  | 7.0                  |
| 24        | 3.7                                     | 3.8                                                       | <1                            | 21.3                                           | 0.7                                           | 2.8                                           | 24.8                       | 1.2                                 | 2.6                                | 7.0                  | 7.0                  |
| 25        | 3.2                                     | 3.9                                                       | <1                            | 23.5                                           | 0.7                                           | 2.9                                           | 27.1                       | 1.4                                 | 1.3                                | 7.0                  | 7.0                  |
| 26        | 3.2                                     | 4.0                                                       | <1                            | 21.0                                           | 0.7                                           | 2.7                                           | 24.4                       | 1.2                                 | 1.3                                | 7.0                  | 7.0                  |
| 27        | 1.0                                     | 3.9                                                       | <1                            | 23.1                                           | 0.8                                           | 2.8                                           | 26.7                       | 1.3                                 | 1.3                                | 7.0                  | 7.0                  |
| 28        | 4.0                                     | 4.5                                                       | <1                            | 24.5                                           | 0.6                                           | 2.7                                           | 27.8                       | 1.5                                 | 1.3                                | 7.0                  | 7.0                  |
| 29        | 4.0                                     | 4.9                                                       | <1                            | 22.1                                           | 0.4                                           | 2.3                                           | 24.8                       | 1.2                                 | 1.3                                | 7.0                  | 7.0                  |
| 30        | 3.9                                     | 4.5                                                       | <1                            | 20.9                                           | 0.4                                           | 2.2                                           | 23.5                       | 1.1                                 | 3.4                                | 7.0                  | 7.0                  |
| 31        | 4.1                                     | 4.3                                                       | <1                            | 20.8                                           | 0.3                                           | 2.1                                           | 23.2                       | 1.2                                 | 3.0                                | 7.0                  | 7.0                  |
| Total     | 104.3                                   | 120.6                                                     | 34                            | 722.2                                          | 19.0                                          | 89.7                                          | 830.9                      | 40.3                                | 57.5                               | 216.2                | 217.8                |
| Mo. Avg.  | 3.4                                     | 3.9                                                       | 1                             | 23.3                                           | 0.6                                           | 2.9                                           | 26.8                       | 1.3                                 | 1.9                                | 7.0                  | 7.0                  |

## PLANT STAFFING:

|                        |                 |                              |                               |
|------------------------|-----------------|------------------------------|-------------------------------|
| Day Shift Operator     | Class: <u>A</u> | Certificate No: <u>8341</u>  | Name: <u>Persad Bissessar</u> |
| Evening Shift Operator | Class: <u>A</u> | Certificate No: <u>12509</u> | Name: <u>Karen Valiquette</u> |
| Night Shift Operator   | Class: <u>A</u> | Certificate No: <u>7454</u>  | Name: <u>Thomas Pawlicki</u>  |
| Lead Operator          | Class: <u>A</u> | Certificate No: <u>7015</u>  | Name: <u>Ralph Aliseo</u>     |

# DAILY SAMPLE RESULTS - PART B

Permit Number:  
Monitoring Period

FL0031771  
From: 1/1/19 To: 1/31/19

Facility: Broward Co North Regional WWTP  
Reuse Systems

|           | Solids, Total<br>Suspended<br>mg/L | Turbidity<br>NTU |  | Flow)<br>MGD | Flow (Off-<br>Site Reuse<br>MGD |  |  |  |  |  |  |
|-----------|------------------------------------|------------------|--|--------------|---------------------------------|--|--|--|--|--|--|
| Code      | 00530                              | 00070            |  | 50050        | 50050                           |  |  |  |  |  |  |
| Mon. Site | EFB-02                             | EFB-02           |  | FLW-14       | FLW-15                          |  |  |  |  |  |  |
| 1         | 2.7                                | 3.8              |  | 3.4          | 0.2                             |  |  |  |  |  |  |
| 2         | 2.7                                | 2.0              |  | 3.5          | 0.2                             |  |  |  |  |  |  |
| 3         | 2.6                                | 2.5              |  | 3.3          | 0.2                             |  |  |  |  |  |  |
| 4         | 2.9                                | 2.4              |  | 3.7          | 0.1                             |  |  |  |  |  |  |
| 5         | 1.3                                | 2.0              |  | 3.3          | 0.1                             |  |  |  |  |  |  |
| 6         | 1.3                                | 2.0              |  | 3.4          | 0.2                             |  |  |  |  |  |  |
| 7         | 1.3                                | 1.6              |  | 3.5          | 0.2                             |  |  |  |  |  |  |
| 8         | 1.3                                | 1.6              |  | 3.3          | 0.2                             |  |  |  |  |  |  |
| 9         | 1.3                                | 1.6              |  | 3.2          | 0.2                             |  |  |  |  |  |  |
| 10        | 2.5                                | 1.7              |  | 3.2          | 0.2                             |  |  |  |  |  |  |
| 11        | 1.3                                | 1.7              |  | 3.4          | 0.1                             |  |  |  |  |  |  |
| 12        | 2.7                                | 1.4              |  | 3.3          | 0.2                             |  |  |  |  |  |  |
| 13        | 1.3                                | 1.5              |  | 3.5          | 0.2                             |  |  |  |  |  |  |
| 14        | 1.3                                | 2.2              |  | 3.5          | 0.3                             |  |  |  |  |  |  |
| 15        | 2.6                                | 3.2              |  | 3.4          | 0.2                             |  |  |  |  |  |  |
| 16        | 1.3                                | 2.3              |  | 3.5          | 0.2                             |  |  |  |  |  |  |
| 17        | 2.7                                | 2.3              |  | 3.0          | 0.2                             |  |  |  |  |  |  |
| 18        | 2.6                                | 2.3              |  | 3.2          | 0.1                             |  |  |  |  |  |  |
| 19        | 1.3                                | 3.1              |  | 3.1          | 0.1                             |  |  |  |  |  |  |
| 20        | 1.3                                | 1.5              |  | 3.2          | 0.2                             |  |  |  |  |  |  |
| 21        | 2.5                                | 2.0              |  | 3.5          | 0.2                             |  |  |  |  |  |  |
| 22        | 1.3                                | 2.9              |  | 3.6          | 0.1                             |  |  |  |  |  |  |
| 23        | 1.3                                | 3.1              |  | 3.5          | 0.2                             |  |  |  |  |  |  |
| 24        | 2.7                                | 2.6              |  | 3.6          | 0.1                             |  |  |  |  |  |  |
| 25        | 1.3                                | 2.6              |  | 3.4          | 0.0                             |  |  |  |  |  |  |
| 26        | 3.6                                | 2.5              |  | 3.3          | 0.0                             |  |  |  |  |  |  |
| 27        | 2.8                                | 3.2              |  | 3.3          | 0.0                             |  |  |  |  |  |  |
| 28        | 3.2                                | 3.5              |  | 3.4          | 0.1                             |  |  |  |  |  |  |
| 29        | 3.2                                | 3.0              |  | 3.1          | 0.0                             |  |  |  |  |  |  |
| 30        | 4.0                                | 3.0              |  | 3.2          | 0.1                             |  |  |  |  |  |  |
| 31        | 3.3                                | 10.5             |  | 3.6          | 0.1                             |  |  |  |  |  |  |
| Total     | 67.5                               | 81.6             |  | 104.4        | 4.5                             |  |  |  |  |  |  |
| Mo. Avg.  | 2.5                                | 2.6              |  | 3.4          | 0.1                             |  |  |  |  |  |  |

## PLANT STAFFING:

|                        |                 |                              |                               |
|------------------------|-----------------|------------------------------|-------------------------------|
| Day Shift Operator     | Class: <u>A</u> | Certificate No: <u>8341</u>  | Name: <u>Persad Bissessar</u> |
| Evening Shift Operator | Class: <u>A</u> | Certificate No: <u>12509</u> | Name: <u>Karen Valiquette</u> |
| Night Shift Operator   | Class: <u>A</u> | Certificate No: <u>7454</u>  | Name: <u>Thomas Pawlicki</u>  |
| Lead Operator          | Class: <u>A</u> | Certificate No: <u>7015</u>  | Name: <u>Ralph Aliseo</u>     |



# WASTEWATER TREATMENT PLANT MONTHLY SLUDGE REPORT

MONTH January 2019

I. Plant Name: North Regional Wastewater Treatment Plant (NRWWTP)

II. Sludge Treatment Provided:

A. Initial Sludge Treatment

Anaerobic Digestion

B. Sludge Dewatering Process:

Thickener (D.A.F.)

Plate & Frame Press

Belt Filter Press

III. Final Sludge Disposal:

Filter Press

| Week of | % Solids | % Reduction<br>Vol. Solids | Quantity<br>Tons | Haulers | Disposal Site |
|---------|----------|----------------------------|------------------|---------|---------------|
| 1-7     | 0.00     | 0.00                       | 0.00             |         |               |
| 8-14    | 0.00     | 0.00                       | 0.00             |         |               |
| 15-21   | 0.00     | 0.00                       | 0.00             |         |               |
| 22-30   | 0.00     | 0.00                       | 0.00             |         |               |
| Total   |          |                            |                  |         |               |

Belt Filter Press

| Week of                     | % Solids | % Reduction<br>Vol. Solids | Quantity<br>Tons | Haulers | Disposal Site |
|-----------------------------|----------|----------------------------|------------------|---------|---------------|
| 1-7                         | 0.00     | 59%                        | 0.00             |         |               |
|                             |          |                            | 0.00             |         |               |
| 8-14                        | 0.00     | 0.00                       | 0.00             |         |               |
|                             |          |                            | 0.00             |         |               |
| 15-21                       | 0.00     | 0.00                       | 0.00             |         |               |
|                             |          |                            | 0.00             |         |               |
| 22-30                       | 0.00     | 0.43                       | 0.00             |         |               |
|                             |          |                            | 0.00             |         |               |
| Belt Press Landfill Total   |          |                            | 0.00             |         |               |
| Belt Press Martin Co. Total |          |                            | 0.00             |         |               |
| Filter Press Landfill Total |          |                            |                  |         |               |
| Grand total                 |          |                            | 0.00             |         |               |

Ralph Alford

SUPERINTENDENT

Date 2-25-19