

DMR Copy of Record

Permit

Permit #:  
Major:

IL0021547  
Yes

Permittee:  
Permittee Address:

GLENBARD WASTEWATER AUTHORITY  
21 W 551 BEMIS ROAD  
GLEN ELLYN, IL 60137

Facility:  
Facility Location:

GLENBARD WASTEWATER AUTHORITY - MAIN WWTP  
21 W 551 BEMIS ROAD  
GLEN ELLYN, IL 60137

Permitted Feature:

001  
External Outfall

Discharge:

001-0  
STP OUTFALL

Report Dates & Status

Monitoring Period:

From 01/01/18 to 01/31/18

DMR Due Date:

02/25/18

Status:

NetDMR Validated

Considerations for Form Completion

DMF LOAD LIMITS DISPLAYED.

Principal Executive Officer

First Name:  
Last Name:

Matt  
Streicher

Title:

Executive Director

Telephone:

630-790-1901

No Data Indicator (NODI)

Form NODI: --

| Parameter |                                          | Monitoring Location | Season # | Param. NODI |             | Quantity or Loading |             |             |               |           | Quality or Concentration |              |             |            |              |                  |                  | # of Ex.                  | Frequency of Analysis           | Sample Type |
|-----------|------------------------------------------|---------------------|----------|-------------|-------------|---------------------|-------------|-------------|---------------|-----------|--------------------------|--------------|-------------|------------|--------------|------------------|------------------|---------------------------|---------------------------------|-------------|
| Code      | Name                                     |                     |          |             |             | Qualifier 1         | Value 1     | Qualifier 2 | Value 2       | Units     | Qualifier 1              | Value 1      | Qualifier 2 | Value 2    | Qualifier 3  | Value 3          | Units            |                           |                                 |             |
| 00011     | Temperature, water deg. fahrenheit       | 1 - Effluent Gross  | 0        | --          | Sample      |                     |             |             |               |           |                          |              |             |            | =            | 55.6             | 15 - deg F       | 0                         | 01/30 - Monthly                 | GR - GRAB   |
|           |                                          |                     |          |             | Permit Req. |                     |             |             |               |           |                          |              |             |            |              | Req Mon MO MAX   | 15 - deg F       |                           | 01/30 - Monthly                 | GR - GRAB   |
|           |                                          |                     |          |             | Value NODI  |                     |             |             |               |           |                          |              |             |            |              |                  |                  |                           |                                 |             |
| 00300     | Oxygen, dissolved [DO]                   | 1 - Effluent Gross  | 1        | --          | Sample      |                     |             |             |               |           | =                        | 10.94        | =           | 10.98      | =            | 9.76             | 19 - mg/L        | 0                         | 02/DA - 2 Days Every Week       | GR - GRAB   |
|           |                                          |                     |          |             | Permit Req. |                     |             |             |               |           | >=                       | 5.5 MO AV MN | >=          | 4 MN WK AV | >=           | 3.5 DAILY MN     | 19 - mg/L        |                           | 02/DA - 2 Days Every Week       | GR - GRAB   |
|           |                                          |                     |          |             | Value NODI  |                     |             |             |               |           |                          |              |             |            |              |                  |                  |                           |                                 |             |
| 00400     | pH                                       | 1 - Effluent Gross  | 0        | --          | Sample      |                     |             |             |               |           | =                        | 6.48         |             |            | =            | 7.11             | 12 - SU          | 0                         | 02/DA - 2 Days Every Week       | GR - GRAB   |
|           |                                          |                     |          |             | Permit Req. |                     |             |             |               |           | >=                       | 6 MINIMUM    |             |            | <=           | 9 MAXIMUM        | 12 - SU          |                           | 02/DA - 2 Days Every Week       | GR - GRAB   |
|           |                                          |                     |          |             | Value NODI  |                     |             |             |               |           |                          |              |             |            |              |                  |                  |                           |                                 |             |
| 00410     | Alkalinity, total [as CaCO3]             | 1 - Effluent Gross  | 0        | --          | Sample      |                     |             |             |               |           |                          |              |             |            | =            | 77.5             | 19 - mg/L        | 0                         | 01/30 - Monthly                 | GR - GRAB   |
|           |                                          |                     |          |             | Permit Req. |                     |             |             |               |           |                          |              |             |            |              | Req Mon DAILY MX | 19 - mg/L        |                           | 01/30 - Monthly                 | GR - GRAB   |
|           |                                          |                     |          |             | Value NODI  |                     |             |             |               |           |                          |              |             |            |              |                  |                  |                           |                                 |             |
| 00530     | Solids, total suspended                  | 1 - Effluent Gross  | 0        | --          | Sample      | =                   | 310.6       | =           | 482.05        | 26 - lb/d |                          | =            | 4.7         | =          | 9            | 19 - mg/L        | 0                | 02/DA - 2 Days Every Week | CP - COMPOS                     |             |
|           |                                          |                     |          |             | Permit Req. | <=                  | 4704 MO AVG | <=          | 9408 DAILY MX | 26 - lb/d |                          | <=           | 12 MO AVG   | <=         | 24 DAILY MX  | 19 - mg/L        |                  | 02/DA - 2 Days Every Week | CP - COMPOS                     |             |
|           |                                          |                     |          |             | Value NODI  |                     |             |             |               |           |                          |              |             |            |              |                  |                  |                           |                                 |             |
| 00600     | Nitrogen, total [as N]                   | 1 - Effluent Gross  | 0        | --          | Sample      |                     |             |             |               |           |                          |              |             |            | =            | 37.7             | 19 - mg/L        | 0                         | 01/30 - Monthly                 | CP - COMPOS |
|           |                                          |                     |          |             | Permit Req. |                     |             |             |               |           |                          |              |             |            |              | Req Mon DAILY MX | 19 - mg/L        |                           | 01/30 - Monthly                 | CP - COMPOS |
|           |                                          |                     |          |             | Value NODI  |                     |             |             |               |           |                          |              |             |            |              |                  |                  |                           |                                 |             |
| 00610     | Nitrogen, ammonia total [as N]           | 1 - Effluent Gross  | 1        | --          | Sample      | =                   | 24.33       | =           | 109.17        | 26 - lb/d |                          | =            | 0.26        | =          | 0.77         | 19 - mg/L        | 0                | 02/DA - 2 Days Every Week | CP - COMPOS                     |             |
|           |                                          |                     |          |             | Permit Req. | <=                  | 1294 MO AVG | <=          | 2940 DAILY MX | 26 - lb/d |                          | <=           | 3.3 MO AVG  | <=         | 7.5 DAILY MX | 19 - mg/L        |                  | 02/DA - 2 Days Every Week | CP - COMPOS                     |             |
|           |                                          |                     |          |             | Value NODI  |                     |             |             |               |           |                          |              |             |            |              |                  |                  |                           |                                 |             |
| 00625     | Nitrogen, Kjeldahl, total [as N]         | 1 - Effluent Gross  | 0        | --          | Sample      |                     |             |             |               |           |                          |              |             |            | =            | 1.46             | 19 - mg/L        | 0                         | 01/30 - Monthly                 | CP - COMPOS |
|           |                                          |                     |          |             | Permit Req. |                     |             |             |               |           |                          |              |             |            |              | Req Mon DAILY MX | 19 - mg/L        |                           | 01/30 - Monthly                 | CP - COMPOS |
|           |                                          |                     |          |             | Value NODI  |                     |             |             |               |           |                          |              |             |            |              |                  |                  |                           |                                 |             |
| 00630     | Nitrite + Nitrate total [as N]           | 1 - Effluent Gross  | 0        | --          | Sample      |                     |             |             |               |           |                          |              |             |            | =            | 36.2             | 19 - mg/L        | 0                         | 01/30 - Monthly                 | CP - COMPOS |
|           |                                          |                     |          |             | Permit Req. |                     |             |             |               |           |                          |              |             |            |              | Req Mon DAILY MX | 19 - mg/L        |                           | 01/30 - Monthly                 | CP - COMPOS |
|           |                                          |                     |          |             | Value NODI  |                     |             |             |               |           |                          |              |             |            |              |                  |                  |                           |                                 |             |
| 00665     | Phosphorus, total [as P]                 | 1 - Effluent Gross  | 0        | --          | Sample      |                     |             |             |               |           |                          | =            | 2.75        | =          | 4.05         | 19 - mg/L        | 0                | 01/07 - Weekly            | CP - COMPOS                     |             |
|           |                                          |                     |          |             | Permit Req. |                     |             |             |               |           |                          |              |             |            |              | Req Mon MO AVG   | Req Mon DAILY MX | 01/07 - Weekly            | CP - COMPOS                     |             |
|           |                                          |                     |          |             | Value NODI  |                     |             |             |               |           |                          |              |             |            |              |                  |                  |                           |                                 |             |
| 00666     | Phosphorus, dissolved                    | 1 - Effluent Gross  | 0        | --          | Sample      |                     |             |             |               |           |                          |              |             |            | =            | 3.1              | 19 - mg/L        | 0                         | 01/30 - Monthly                 | CP - COMPOS |
|           |                                          |                     |          |             | Permit Req. |                     |             |             |               |           |                          |              |             |            |              | Req Mon DAILY MX | 19 - mg/L        |                           | 01/30 - Monthly                 | CP - COMPOS |
|           |                                          |                     |          |             | Value NODI  |                     |             |             |               |           |                          |              |             |            |              |                  |                  |                           |                                 |             |
| 00940     | Chloride [as Cl]                         | 1 - Effluent Gross  | 0        | --          | Sample      |                     |             |             |               |           |                          |              |             |            | =            | 238              | 19 - mg/L        | 0                         | 01/30 - Monthly                 | GR - GRAB   |
|           |                                          |                     |          |             | Permit Req. |                     |             |             |               |           |                          |              |             |            |              | Req Mon DAILY MX | 19 - mg/L        |                           | 01/30 - Monthly                 | GR - GRAB   |
|           |                                          |                     |          |             | Value NODI  |                     |             |             |               |           |                          |              |             |            |              |                  |                  |                           |                                 |             |
| 50050     | Flow, in conduit or thru treatment plant | 1 - Effluent Gross  | 0        | --          | Sample      | =                   | 8.74        | =           | 17            | 03 - MGD  |                          |              |             |            |              |                  |                  | 0                         | 99/99 - Continuous              |             |
|           |                                          |                     |          |             | Permit Req. |                     |             |             |               |           |                          |              |             |            |              |                  |                  |                           | 99/99 - Continuous              |             |
|           |                                          |                     |          |             | Value NODI  |                     |             |             |               |           |                          |              |             |            |              |                  |                  |                           |                                 |             |
| 50060     | Chlorine, total residual                 | 1 - Effluent Gross  | 0        | --          | Sample      |                     |             |             |               |           |                          |              |             |            | =            | 0                | 19 - mg/L        | 0                         | CL/OC - Chlorination/Occurances | GR - GRAB   |
|           |                                          |                     |          |             | Permit Req. |                     |             |             |               |           |                          |              |             |            | <=           | .05 DAILY MX     | 19 - mg/L        |                           | CL/OC - Chlorination/Occurances | GR - GRAB   |
|           |                                          |                     |          |             | Value NODI  |                     |             |             |               |           |                          |              |             |            |              |                  |                  |                           |                                 |             |
| 80082     | BOD, carbonaceous [5 day, 20 C]          | 1 - Effluent Gross  | 0        | --          | Sample      | =                   | 172.78      | =           | 482.05        | 26 - lb/d |                          | =            | 2.26        | =          | 3.4          | 19 - mg/L        | 0                | 02/DA - 2 Days Every Week | CP - COMPOS                     |             |
|           |                                          |                     |          |             | Permit Req. | <=                  | 3920 MO AVG | <=          | 7840 DAILY MX | 26 - lb/d |                          | <=           | 10 MO AVG   | <=         | 20 DAILY MX  | 19 - mg/L        |                  | 02/DA - 2 Days Every Week | CP - COMPOS                     |             |
|           |                                          |                     |          |             | Value NODI  |                     |             |             |               |           |                          |              |             |            |              |                  |                  |                           |                                 |             |

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

GLENBARD WASTEWATER AUTHORITY

User: MSTREICHER

Name: Matthew Streicher

E-Mail: mstreicher@gbww.org

Date/Time: 2018-02-15 08:22 (Time Zone: -06:00)

Report Last Signed By

User: MSTREICHER

Name: Matthew Streicher

E-Mail: mstreicher@gbww.org

Date/Time: 2018-02-15 08:22 (Time Zone: -06:00)