# **DMR Copy of Record**

Permit

Permit #: GA0024147 Permittee: Dekalb County Department of Watershed Management

Yes Major:

1580 Roadhaven Drive Stone Mountain, GA 30083

4124 FLAKES MILL ROAD DECATUR, GA 30034 Facility Location:

DEKALB COUNTY (SNAPFINGER CREEK WPCP)

Facility:

Discharge: **Permitted Feature:** 001 001-B1

External Outfall

Final Discharge (36 MGD)

Permittee Address:

Report Dates & Status

DMR Due Date: From 08/01/18 to 08/31/18 09/15/18 Status: NetDMR Validated **Monitoring Period:** 

**Considerations for Form Completion** 

Principal Executive Officer

Reginald Title: Telephone: First Name: Interim Director 770-621-7200

Wells Last Name:

|         | Parameter                        | Monitoring Location        | Season | Param. |                  |                | Qua            | antity or L | oading        |           |          |                    |         | Quality or C | ncentration       |                |                  |             | # of | Frequency of Analysis        | Sample Typ     |
|---------|----------------------------------|----------------------------|--------|--------|------------------|----------------|----------------|-------------|---------------|-----------|----------|--------------------|---------|--------------|-------------------|----------------|------------------|-------------|------|------------------------------|----------------|
| Code    | Name                             |                            | #      | NODI   |                  | Qualifier<br>1 |                | Qualifie 2  |               | Units     | Qualifie | г                  | Value 1 | Qual         | fier Value 2      | Qualifier<br>3 | Value 3          | Units       | Ex.  |                              |                |
|         |                                  |                            |        |        | Sample           |                |                |             |               |           | =        | 6.63               |         |              |                   |                |                  | 19 - mg/L   | C    | 01/01 - Daily                | GR - GRAB      |
| 0300 O  | Oxygen, dissolved [DO]           | 1 - Effluent Gross         | 1      |        | Permit<br>Req.   |                |                |             |               |           | >=       | 6 MINIMUM          |         |              |                   |                |                  | 19 - mg/L   | C    | 01/01 - Daily                | GR - GRAB      |
|         |                                  |                            |        |        | Value            |                |                |             |               |           |          |                    |         |              |                   |                |                  |             |      |                              |                |
|         |                                  |                            |        |        | NODI<br>Sample   |                | 475            |             | 585           | 01 - kg/d | 4        |                    |         | _            | 5.59              | _              | 6.6              | 19 - mg/L   |      |                              | CP -           |
|         | BOD, 5-day, 20 deg. C            |                            |        |        | Permit           |                |                |             |               | -         |          |                    |         |              |                   |                |                  | -           |      | Neek<br>05/DW - 5 Days Every | COMPOS<br>CP - |
| 0310 B  |                                  | 1 - Effluent Gross         | 2      |        | Req.             | <=             | 1365 MO AVG    | <=          | 1705 WKLY AVG | 01 - kg/d | d        |                    |         | <=           | 10 MO AVG         | <=             | 15 WKLY AVG      | 19 - mg/L   |      | Week                         | COMPOS         |
|         |                                  |                            |        |        | Value<br>NODI    |                |                |             |               |           |          |                    |         |              |                   |                |                  |             |      |                              |                |
|         |                                  |                            |        |        | Sample           | =              | 21857          | =           | 22652         | 01 - kg/d | d        |                    |         | =            | 260               | =              | 272              | 19 - mg/L   |      | 05/DW - 5 Days Every<br>Week | CP -<br>COMPOS |
| 0310 B  | BOD, 5-day, 20 deg. C            | G - Raw Sewage             | 0      |        | Permit           |                | Reg Mon MO AVG |             | Req Mon WKLY  | 01 - kg/d | d        |                    |         |              | Req Mon MO        |                | Req Mon WKLY     | 19 - mg/L   | C    | 05/DW - 5 Days Every         | CP -           |
|         |                                  | Influent                   | 0      |        | Req.<br>Value    |                |                |             | AVĞ           |           |          |                    |         |              | AVG               |                | AVĞ              | 0           | \    | Veek                         | COMPOS         |
|         |                                  |                            |        |        | NODI<br>Sample   |                |                |             |               |           | =        | 6.67               |         |              |                   | =              | 7.8              | 12 - SU     |      | 01/01 - Daily                | GR - GRAB      |
|         | рН                               | 1 - Effluent Gross         | 0 -    |        | Permit           |                |                |             |               |           | >=       | 6 MINIMUM          |         |              |                   | <=             | 8.5 MAXIMUM      | 12 - SU     |      | 01/01 - Daily                | GR - GRAB      |
| 0400 pl |                                  |                            |        |        | Req.<br>Value    |                |                |             |               |           |          | O IVIII VIIIVIOIVI |         |              |                   |                | O.O WIND CHINION | 12 00       |      | Jiron Bully                  | OIT OITE       |
|         |                                  |                            |        |        | NODI             |                |                |             |               |           |          |                    |         |              |                   |                |                  |             |      | 25/2014 5 2                  | 0.0            |
|         | Solids, total suspended          | 1 - Effluent Gross         |        |        | Sample           | =              | 132            | =           | 183           | 01 - kg/d | b        |                    |         | =            | 1.55              | =              | 2                | 19 - mg/L   |      | 05/DW - 5 Days Every<br>Week | CP -<br>COMPOS |
| 0530 S  |                                  |                            | 0      |        | Permit<br>Req.   | <=             | 2729 MO AVG    | <=          | 3411 WKLY AVG | 01 - kg/d | b        |                    |         | <=           | 20 MO AVG         | <=             | 30 WKLY AVG      | 19 - mg/L   | (    | 05/DW - 5 Days Every<br>Week | CP -<br>COMPOS |
|         |                                  |                            |        |        | Value<br>NODI    |                |                |             |               |           |          |                    |         |              |                   |                |                  |             |      |                              |                |
|         |                                  |                            |        |        | Sample           | _              | 29739          | _           | 38693         | 01 - kg/d | 4        |                    |         | _            | 350               |                | 430              | 19 - mg/L   |      | 05/DW - 5 Days Every         | CP -           |
|         | Solids, total suspended          | G - Raw Sewage<br>Influent | 0      |        | Permit           |                |                |             | Req Mon WKLY  |           |          |                    |         |              | Reg Mon MO        |                | Req Mon WKLY     | -           |      | Neek<br>05/DW - 5 Days Every | COMPOS<br>CP - |
| 0530 S  |                                  |                            |        |        | Req.             |                | Req Mon MO AVG |             | AVG           | 01 - kg/d | d        |                    |         |              | AVG               |                | AVG              | 19 - mg/L   |      | Week                         | COMPOS         |
|         |                                  |                            |        |        | Value<br>NODI    |                |                |             |               |           |          |                    |         |              |                   |                |                  |             |      |                              |                |
|         |                                  |                            |        |        | Sample           |                |                |             |               |           |          |                    |         | =            | 1.08              |                |                  | 19 - mg/L   | C    | 01/30 - Monthly              | CP -<br>COMPOS |
| 0605 N  | Nitrogen, organic total [as N]   | 1 - Effluent Gross         | 0      |        | Permit<br>Req.   |                |                |             |               |           |          |                    |         |              | Req Mon MO<br>AVG |                |                  | 19 - mg/L   | C    | 01/30 - Monthly              | CP -<br>COMPOS |
|         |                                  |                            |        |        | Value            |                |                |             |               |           |          |                    |         |              | AVO               |                |                  |             |      |                              | OOMI OO        |
|         |                                  |                            |        |        | NODI             |                | 04.0           |             |               | 04 1 /    |          |                    |         |              | 0.00              |                | 0.05             | 40 "        | (    | 05/DW - 5 Days Every         | CP -           |
|         |                                  |                            |        |        | Sample<br>Permit | =              | 21.8           | =           | 82            | 01 - kg/d | d        |                    |         | =            | 0.23              | =              | 0.85             | 19 - mg/L   | ١    | Veek                         | COMPOS         |
| 0610 N  | Nitrogen, ammonia total [as N]   | 1 - Effluent Gross         | 2      |        | Req.             | <=             | 109 MO AVG     | <=          | 137 WKLY AVG  | 01 - kg/d | b        |                    |         | <=           | .8 MO AVG         | <=             | 1.2 WKLY AVG     | 19 - mg/L   |      | 05/DW - 5 Days Every<br>Week | CP -<br>COMPOS |
|         |                                  |                            |        |        | Value<br>NODI    |                |                |             |               |           |          |                    |         |              |                   |                |                  |             |      |                              |                |
|         |                                  |                            |        |        | Sample           |                |                |             |               |           |          |                    |         | =            | 1.18              |                |                  | 19 - mg/L   | C    | 01/30 - Monthly              | CP -<br>COMPOS |
| 1625 N  | Nitrogen, Kjeldahl, total [as N] | 1 - Effluent Gross         | 0      |        | Permit           |                |                |             |               |           |          |                    |         |              | Req Mon MO        |                |                  | 19 - mg/L   |      | 01/30 - Monthly              | CP -           |
| JUZJ IN |                                  |                            |        | _      | Req.<br>Value    |                |                |             |               |           |          |                    |         |              | AVG               |                |                  | 19 - IIIg/L |      | 71700 - IVIOLIUIIY           | COMPOS         |
|         |                                  |                            |        |        | NODI             |                |                |             |               |           |          |                    |         |              |                   |                |                  |             |      |                              |                |

|                                 |  |  | Sample  |   |                    |                    |                        |                    |  | =                | 11.63   |  |   | 19 - mg/L  | 01/30 - Monthly  | COMPOS   |
|---------------------------------|--|--|---|---|--------------------|--------------------|------------------------|--------------------|--|------------------|---|--|---|--|--|--|
| 1 - Effluent Gross              | 0  |  | Permit  |   |                    |                    |                        |                    |  |                  | Req Mon MO  |  |   | 19 - ma/l  | 01/30 - Monthly  | CP -   |
|                                 |  |  |   |   |                    |                    |                        |                    |  |                  | AVG   |  |   | 13 mg/L  | 01/30 Worlding   | COMPOS   |
|                                 |  |  |   |   |                    |                    |                        |                    |  |                  |   |  |   |  |  |  |
|                                 |  |  | Sample =  | 6.64  | =                  | 8.07               | 01 - kg/d              |                    |  | =                | 0.08  | =  | 0.09  | 19 - mg/L  | 05/DW - 5 Days Every<br>Week   | CP -<br>COMPOS   |
| 1 - Effluent Gross              | 0  |  | Permit <=   | 41 MO AVG   | <=                 | 51 WKLY AVG        | 01 - kg/d              |                    |  | <=               | .3 MO AVG   | <=   | .45 WKLY AVG  | 19 - mg/L  | 05/DW - 5 Days Every   | CP -<br>COMPOS   |
|                                 |  |  | Value   |   |                    |                    |                        |                    |  |                  |   |  |   |  | WOOK   | COMIT CO   |
|                                 |  |  |   | 23  | =                  | 26.6               | 03 - MGD               |                    |  |                  |   |  |   |  | 01/01 - Daily  | CN - CONTIN  |
| atment plant 1 - Effluent Gross | 0  |  | Permit  | 36 MO AVG   | <=                 | 45 WKLY AVG        | 03 - MGD               |                    |  |                  |   |  |   |  | 01/01 - Daily  | CN - CONTIN  |
| amont plant 1 Emaont Groot      |  |  | Value   |   |                    |                    |                        |                    |  |                  |   |  |   |  |  |  |
|                                 |  |  |   |   |                    |                    |                        | <                  | 0.01   | <                | 0.01  | <  | 0.01  | 19 - ma/L  | 01/01 - Dailv  | GR - GRAB  |
|                                 |  |  | Permit  |   |                    |                    |                        |                    |  |                  |   |  |   | _  |  | GR - GRAB  |
| 1 - Effluent Gross              | 0  |  | Req.<br>Value   |   |                    |                    |                        | <=                 | .OT WO AVG                                     | <=               | .01 WKLT AVG  | <=   | .UT DAILT WA  | 19 - HIG/L   | 01/01 - Dally  | GR - GRAD  |
|                                 |  |  | NODI  |   |                    |                    |                        |                    |  |                  |   |  |   |  |  |  |
|                                 |  |  | Sample  |   |                    |                    |                        |                    |  | =                | 0.02  | =  | 0.02  | 19 - mg/L  | 01/30 - Monthly  | CP -<br>COMPOS   |
| 1 - Effluent Gross              | 0  |  | Permit Req.   |   |                    |                    |                        |                    |  |                  | Req Mon MO<br>AVG                                       |  | Req Mon WKLY<br>AVG   | 19 - mg/L  | 01/30 - Monthly  | CP -<br>COMPOS   |
|                                 |  |  | Value<br>NODI   |   |                    |                    |                        |                    |  |                  |   |  |   |  |  |  |
|                                 |  |  | Sample  |   |                    |                    |                        |                    |  | =                | 2   | =  | 3   | 13 -<br>#/100mL  | 03/DW - 3 Days Every<br>Week   | GR - GRAB  |
| 1 - Effluent Gross              | 0  |  | Permit<br>Reg.  |   |                    |                    |                        |                    |  | <=               | 200 MOAV GEO  | <=   | 400 WKAV GEO  | 13 -   | 03/DW - 3 Days Every<br>Week   | GR - GRAB  |
|                                 |  |  | Value   |   |                    |                    |                        |                    |  |                  |   |  |   |  |  |  |
|                                 |  |  | Sample =  | 1519  |                    |                    | 70 - dry               |                    |  |                  |   |  |   |  | 01/30 - Monthly  | CA - CALCTI  |
| eight SL - Sludge               | 0  |  | Permit  | Req Mon MO  |                    |                    | 70 - dry               |                    |  |                  |   |  |   |  | 01/30 - Monthly  | CA - CALCTE  |
|                                 |  |  | Value   | TOTAL   |                    |                    | ton                    |                    |  |                  |   |  |   |  |  |  |
|                                 |  |  |   |   |                    |                    |                        | _                  | 97.8   |                  |   |  |   | 23 - %   | 01/30 - Monthly  | CA - CALCTI  |
| val K Parcent Pom               | wal 0  |  | Permit  |   |                    |                    |                        |                    | 85 MINIMUM                                     |                  |   |  |   | 23 - %   | 01/30 - Monthly  | CA - CALCTI  |
| vai ix-reiteili Kelli           | ,vai U   |  | Value   |   |                    |                    |                        |                    |  |                  |   |  |   |  |  |  |
|                                 |  |  |   |   |                    |                    |                        | _                  | 99.5   |                  |   |  |   | 23 - %   | 01/30 - Monthly  | CA - CALCTI  |
| romoval K Porcont Pom           | wal 0  |  | Permit  |   |                    |                    |                        |                    | 85 MINIMUM                                     |                  |   |  |   | 23 - %   | 01/30 - Monthly  | CA - CALCTI  |
| Temoval K - Percent Rem         | ovai 0   | -  | Value   |   |                    |                    |                        |                    |  |                  |   |  |   |  |  |  |
|                                 |  |  |   |   |                    |                    |                        |                    |  |                  |   |  |   |  |  |  |
| 1 - Effluent Gross              | 0  |  | Permit  |   |                    |                    |                        |                    | Req Mon MINIMUM                                |                  |   |  |   | 23 - %   | 01/YR - Annual   | CP -<br>COMPOS   |
| . Emacin offos                  |  |  | Value   |   |                    |                    |                        |                    | 9 - Conditional Monitoring - Not Required This |                  |   |  |   |  |  | 20   |
|                                 |  |  | Sample  |   |                    |                    |                        |                    | i chou   |                  |   |  |   |  |  |  |
|                                 |  |  | Permit  |   |                    |                    |                        |                    |  |                  |   |  |   |  |  | CP -   |
| Pimephales 1 - Effluent Gross   | 0  |  | Req.  |   |                    |                    |                        |                    | Req Mon MINIMUM                                |                  |   |  |   | 23 - %   | 01/YR - Annual   | COMPOS   |
| •••                             | 1 - Effluent Gross  K - Percent Remo | 1 - Effluent Gross 0  K- Percent Removal 0  t removal K- Percent Removal 0 | 1 - Effluent Gross 0  atment plant 1 - Effluent Gross 0  teight SL - Sludge 0  Evaluation of the state o | 1 - Effluent Gross 0 Permit Req. Value NODI  1 - Effluent Gross 0 Permit Req. C=  1 - Effluent Gross 0 Permit Req. Value NODI  1 - Effluent Gross 0 Permit Req. Value NODI  1 - Effluent Gross 0 Permit Req. Value NODI  1 - Effluent Gross 0 Permit Req. Value NODI  1 - Effluent Gross 0 Permit Req. Value NODI  1 - Effluent Gross 0 Permit Req. Value NODI  Sample  1 - Effluent Gross 0 Permit Req. Value NODI  Sample  1 - Effluent Gross 0 Permit Req. Value NODI  Sample  1 - Effluent Gross 0 Permit Req. Value NODI  Sample  Permit Req. Value NODI  Sample | 1 - Effluent Gross | 1 - Effluent Gross | 1 - Effluent Gross   0 | 1 - Effluent Gross | 1 - Effluent Gross   0                         | - Effluent Gross | - Effuent Gross   0   -   -   -   -   -   -   -   -   - | Permit   P | Permiss Gross   Permiss Gross | Permate Gross   Permate Gros | Permit   P | Figure   F |

### **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

1. Influent Flow meter installation is underway. Loadings are calculated using effluent meters at this time. 2. A total of 10 Nitrate-Nitrite samples were tested instead of 1. 3. Organic Nitrogen was calculated as Organic Nitrogen = TKN on the 22rd of August. 4. The BOD5 percentage removal is the result of the average of the differences of each day's percentage BOD5 removal (based on mg/L values), which will differ slightly from calculating the percentage BOD5, in,avg. 5. The TSS percentage removal is the result of the average of the differences of each day's percentage TSS removal (based on mg/L values), which will differ slightly from calculating the percentage TSS, in,avg.

## Attachments

| Name               | Туре | Size   |
|--------------------|------|--------|
| August2018MOR.xlsx | xlsx | 118425 |

Report Last Saved By

**Dekalb County Department of Watershed Management** 

User: Earendel

Colin Decker

E-Mail: cjdecker@dekalbcountyga.gov

Date/Time: 2018-09-12 15:09 (Time Zone: -04:00)

Report Last Signed By

User: SandraLGlenn2
Name: Sandra Glenn

E-Mail: slglenn@dekalbcountyga.gov

Date/Time: 2018-09-12 15:33 (Time Zone: -04:00)