

DMR Copy of Record

| | | | |
|---------------------------|---|---------------------------|--|
| Permit | | | |
| Permit #: | GA0026816 | Permittee: | Dekalb County Department of Watershed Management |
| Major: | Yes | Permittee Address: | 1580 Roadhaven Drive Stone Mountain, GA 30083 |
| Permitted Feature: | OB0 External Outfall | Discharge: | OB0-1 ACTIVE |
| Facility: | DEKALB COUNTY - POLEBRIDGE CREEK WWTF | | |
| Facility Location: | 4664 FLAT BRIDGE RD LITHONIA, GA 30038 | | |

| | | | |
|----------------------------------|----------------------------------|----------------------|-----------------|
| Report Dates & Status | | | |
| Monitoring Period: | From 11/01/16 to 11/30/16 | DMR Due Date: | 12/15/16 |
| Status: | NetDMR Validated | | |

Considerations for Form Completion
 THE MONTHLY AVG COMBINED EFFLUENT FLOW OF SNAPPFINGER CR & POLEBRIDGE SHALL NOT EXCEED 56 MGD AND IS REPORTED ON THE SNAPPFINGER DMR GA0024147.

| | | | |
|------------------------------------|--------|-------------------|-------------------------------|
| Principal Executive Officer | | | |
| First Name: | Scott | Title: | Director, Watershed Managment |
| Last Name: | Towler | Telephone: | 770-621-7204 |

No Data Indicator (NODI)
 Form NODI: --

| Code | Parameter Name | Monitoring Location | Season # | Param. NODI | Quantity or Loading | | | | | Quality or Concentration | | | | | # of Ex. | Frequency of Analysis | Sample Type | | |
|-------|--|-------------------------|----------|-------------|---------------------|---------|------------------|---------|------------------|--------------------------|-----------|-------------|----------------|-------------|------------------|-----------------------|---------------------------|-----------------|-------------|
| | | | | | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Units | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Qualifier 3 | | | | Value 3 | Units |
| 00300 | Oxygen, dissolved [DO] | 1 - Effluent Gross | 0 | -- | Sample | | | | | = | 8.1 | | | | | 19 - mg/L | 01/01 - Daily | GR - GRAB | |
| | | | | | Permit Req. | | | | | >= | 6 MINIMUM | | | | | 19 - mg/L | 01/01 - Daily | GR - GRAB | |
| | | | | | Value NODI | | | | | | | | | | | | | | |
| 00310 | BOD, 5-day, 20 deg. C | 1 - Effluent Gross | 1 | -- | Sample | = | 115 | = | 145 | 01 - kg/d | | = | 5 | = | 6 | 19 - mg/L | 05/DW - 5 Days Every Week | CP - COMPOS | |
| | | | | | Permit Req. | <= | 1137 MO AVG | <= | 1422 WKLY AVG | 01 - kg/d | | <= | 15 MO AVG | <= | 22 WKLY AVG | 19 - mg/L | 05/DW - 5 Days Every Week | CP - COMPOS | |
| | | | | | Value NODI | | | | | | | | | | | | | | |
| 00310 | BOD, 5-day, 20 deg. C | G - Raw Sewage Influent | 0 | -- | Sample | = | 5946 | = | 7658 | 01 - kg/d | | = | 246 | = | 309 | 19 - mg/L | 05/DW - 5 Days Every Week | CP - COMPOS | |
| | | | | | Permit Req. | | Req Mon MO AVG | | Req Mon WKLY AVG | 01 - kg/d | | | Req Mon MO AVG | | Req Mon WKLY AVG | 19 - mg/L | 05/DW - 5 Days Every Week | CP - COMPOS | |
| | | | | | Value NODI | | | | | | | | | | | | | | |
| 00400 | pH | 1 - Effluent Gross | 0 | -- | Sample | | | | | = | 6.8 | | | = | 7.6 | 12 - SU | 01/01 - Daily | GR - GRAB | |
| | | | | | Permit Req. | | | | | >= | 6 MINIMUM | | | <= | 8.5 MAXIMUM | 12 - SU | 01/01 - Daily | GR - GRAB | |
| | | | | | Value NODI | | | | | | | | | | | | | | |
| 00530 | Solids, total suspended | 1 - Effluent Gross | 0 | -- | Sample | = | 36 | = | 54 | 01 - kg/d | | = | 2 | = | 2 | 19 - mg/L | 05/DW - 5 Days Every Week | CP - COMPOS | |
| | | | | | Permit Req. | <= | 1516 MO AVG | <= | 1895 WKLY AVG | 01 - kg/d | | <= | 20 MO AVG | <= | 30 WKLY AVG | 19 - mg/L | 05/DW - 5 Days Every Week | CP - COMPOS | |
| | | | | | Value NODI | | | | | | | | | | | | | | |
| 00530 | Solids, total suspended | G - Raw Sewage Influent | 0 | -- | Sample | = | 8442 | = | 9693 | 01 - kg/d | | = | 352 | = | 417 | 19 - mg/L | 05/DW - 5 Days Every Week | CP - COMPOS | |
| | | | | | Permit Req. | | Req Mon MO AVG | | Req Mon WKLY AVG | 01 - kg/d | | | Req Mon MO AVG | | Req Mon WKLY AVG | 19 - mg/L | 05/DW - 5 Days Every Week | CP - COMPOS | |
| | | | | | Value NODI | | | | | | | | | | | | | | |
| 00610 | Nitrogen, ammonia total [as N] | 1 - Effluent Gross | 2 | -- | Sample | = | 2.86 | = | 3.43 | 01 - kg/d | | = | 0.12 | = | 0.14 | 19 - mg/L | 05/DW - 5 Days Every Week | CP - COMPOS | |
| | | | | | Permit Req. | <= | 296 MO AVG | <= | 370 WKLY AVG | 01 - kg/d | | <= | 3.9 MO AVG | <= | 5.8 WKLY AVG | 19 - mg/L | 05/DW - 5 Days Every Week | CP - COMPOS | |
| | | | | | Value NODI | | | | | | | | | | | | | | |
| 00665 | Phosphorus, total [as P] | 1 - Effluent Gross | 0 | -- | Sample | = | 0.91 | = | 1.36 | 01 - kg/d | | = | 0.04 | = | 0.06 | 19 - mg/L | 05/DW - 5 Days Every Week | CP - COMPOS | |
| | | | | | Permit Req. | <= | 23 MO AVG | <= | 28 WKLY AVG | 01 - kg/d | | <= | .3 MO AVG | <= | .45 WKLY AVG | 19 - mg/L | 05/DW - 5 Days Every Week | CP - COMPOS | |
| | | | | | Value NODI | | | | | | | | | | | | | | |
| 50050 | Flow, in conduit or thru treatment plant | 1 - Effluent Gross | 0 | -- | Sample | = | 6.31 | = | 6.22 | 03 - MGD | | | | | | | 01/01 - Daily | CN - CONTIN | |
| | | | | | Permit Req. | <= | 20 MO AVG | <= | 25 WKLY AVG | 03 - MGD | | | | | | | | 01/01 - Daily | CN - CONTIN |
| | | | | | Value NODI | | | | | | | | | | | | | | |
| 50060 | Chlorine, total residual | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | <= | 0.01 | | | 19 - mg/L | 01/01 - Daily | GR - GRAB | |
| | | | | | Permit Req. | | | | | | | <= | .015 DAILY MX | | | | 19 - mg/L | 01/01 - Daily | GR - GRAB |
| | | | | | Value NODI | | | | | | | | | | | | | | |
| 50785 | Phosphorus, ortho | 1 - Effluent Gross | 0 | -- | Sample | = | 0.41 | = | 0.76 | 01 - kg/d | | = | 0.02 | = | 0.03 | 19 - mg/L | 03/DW - 3 Days Every Week | CP - COMPOS | |
| | | | | | Permit Req. | | Req Mon MO AVG | | Req Mon WKLY AVG | 01 - kg/d | | | Req Mon MO AVG | | Req Mon WKLY AVG | 19 - mg/L | 03/DW - 3 Days Every Week | CP - COMPOS | |
| | | | | | Value NODI | | | | | | | | | | | | | | |
| 74055 | Coliform, fecal general | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | = | 7 | = | 5 | 13 - #/100mL | 03/DW - 3 Days Every Week | GR - GRAB | |
| | | | | | Permit Req. | | | | | | | <= | 200 MOAV GEO | <= | 400 WKAV GEO | 13 - #/100mL | 03/DW - 3 Days Every Week | GR - GRAB | |
| | | | | | Value NODI | | | | | | | | | | | | | | |
| 78477 | Solids, sludge, total, dry weight | SL - Sludge | 0 | -- | Sample | = | 137.29 | | | 70 - dry ton | | | | | | | 01/30 - Monthly | CA - CALCTD | |
| | | | | | Permit Req. | | Req Mon MO TOTAL | | | 70 - dry ton | | | | | | | | 01/30 - Monthly | CA - CALCTD |
| | | | | | Value NODI | | | | | | | | | | | | | | |
| 81010 | BOD, 5-day, percent removal | K - Percent Removal | 0 | -- | Sample | | | | | = | 98 | | | | | 23 - % | 01/30 - Monthly | CA - CALCTD | |
| | | | | | Permit Req. | | | | | | >= | 85 MINIMUM | | | | 23 - % | 01/30 - Monthly | CA - CALCTD | |
| | | | | | Value NODI | | | | | | | | | | | | | | |
| 81011 | Solids, suspended percent removal | K - Percent Removal | 0 | -- | Sample | | | | | = | 100 | | | | | 23 - % | 01/30 - Monthly | CA - CALCTD | |
| | | | | | Permit Req. | | | | | | >= | 85 MINIMUM | | | | 23 - % | 01/30 - Monthly | CA - CALCTD | |
| | | | | | 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

Composite samples were collected from 6 am to 6 am instead of on a calendar day. This is being corrected. Influent meters are in the process of being installed. Until installed, effluent data is being used for influent. High flow and concentrations at the latter end of the month impacted monthly averages but not the weekly as the days with high flow and loading will impact the first week of next months reports.

Attachments

| Name | Type | Size |
|----------------------------|------|--------|
| PolebridgeNovember2016.pdf | pdf | 334008 |

Report Last Saved By

Dekalb County Department of Watershed Management

| | | | |
|---------|---------------------------|------------|--------------------------------------|
| User: | sglenn@dekalbcountyga.gov | Date/Time: | 2016-12-15 11:29 (Time Zone: -05:00) |
| Name: | Sandra Glenn | | |
| E-Mail: | sglenn@dekalbcountyga.gov | | |