



For EPD Use Only
 Assigned Permit No GA0039365

Georgia National Pollutant Discharge Elimination System Application Part 1

| | | | | |
|--|--------------------------|-----|-------------------------------------|----|
| This application includes Information not subject to disclosure under Georgia Law. | <input type="checkbox"/> | Yes | <input checked="" type="checkbox"/> | No |
|--|--------------------------|-----|-------------------------------------|----|

Please check all of the applicable box(s) and enter the associated information:

| | | | | | |
|--------------------------|----------------|-------------------------------------|---------------------------|--------------------------|-----------------------|
| <input type="checkbox"/> | New discharger | <input checked="" type="checkbox"/> | Existing NPDES discharger | <input type="checkbox"/> | Change of Information |
| | | | Existing NPDES Permit No. | | GA0039365 |

Describe Modification Requested:

POLLUTANT CHARACTERISTICS

INSTRUCTIONS: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer “yes” to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark “X” in the box in the third column if the supplemental form is attached. If you answer “no” to each question, you need not submit any of these forms. You may answer “no” if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of bold-faced terms.

| Specific Questions | Mark “X” | | Specific Questions | Mark “X” | |
|--|----------|----|---|----------|----|
| | Yes | No | | Yes | No |
| A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S. ? (FORM 2A) | | X | B. Does or will this facility (either existing or proposed) include a concentrated animal feeding operation or aquatic animal production facility which results in a discharge to waters of the U.S. ? (FORM 2B) | | X |
| C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in A or B above? (FORM 2C) | | X | D. Is this a proposed facility (other than those described in A or B above) which will result in a discharge to waters of the U.S. ? (FORM 2D) | | X |
| E. Does or will this facility treat, store, or dispose of hazardous wastes ? (FORM 3) | | | F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4) | | |
| G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4) | | | H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4) | | |
| I. Is this facility a proposed stationary source which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5) | | | J. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area ? (FORM 5) | | |

SECTION I. FACILITY INFORMATION

Facility Type of Ownership: Municipality
Please check the applicable box

| <u>POTW</u> | <u>Non-POTW</u> | <u>Federal</u> | |
|--|--|--|---|
| <input type="checkbox"/> 2A – Municipal Wastewater Discharge Application | <input type="checkbox"/> 2B – Concentrated Animal Feeding Operation and Aquatic Animal Production <input type="checkbox"/> 2C – Industrial Wastewater Discharge Application <input type="checkbox"/> 2D – New Sources & New Dischargers <input type="checkbox"/> 2F – Industrial Stormwater | 2C – Industrial Wastewater Discharge Application 2D – New Sources & New Dischargers 2F – Industrial Stormwater | |
| | <input type="checkbox"/> 2E – Non-Process Wastewater <input type="checkbox"/> Sanitary Wastewater <input type="checkbox"/> Cooling Wastewater | 2E – Non-Process Wastewater | Sanitary Wastewater Cooling Wastewater |

Permittee Organization Formal Name: City of Nashville

Permittee Mailing Address: 405 W Washington Avenue PO Box 495

Permittee City: Nashville Permittee State: GA Permittee Zip Code: 31639 Permittee County:

Facility Site Name: NASHVILLE, CITY OF (NASHVILLE WPCP)

Facility Site Address: Middle School Circle and Gary Street

Facility Site City: Nashville Facility Site State: GA Facility Site Zip Code: 31639 Facility Site County: Berrien

Is the facility located on Indian Lands? No Facility Site tribal land indicator: :

Facility Site Latitude/Longitude (ex. 34.543, -84.804): (31.2068 , -83.262316)

Program Facility Name : NASHVILLE, CITY OF (NASHVILLE WPCP) Program Facility ID : GA0039365

If there are any NPDES Permits that are associated with this facility provide the corresponding NPDES Permit No. and check the applicable box(s).

| | |
|--|--|
| EPA Major (check one): <input type="checkbox"/> yes <input type="checkbox"/> no <input checked="" type="checkbox"/> unknown | Primary Industry (check one): <input type="checkbox"/> yes or <input checked="" type="checkbox"/> no <input type="checkbox"/> unknown |
| SIC Code(s): 1. 4952 | SIC Code Indicator: 4952 |
| NAICS Code(s): 1. 221320 | NAICS Code Indicator: 221320 |
| Total Design Flow (MGD): 1.0 | Annual Average Daily Flow (MGD): 1.0 |

SECTION II. CONTACT INFORMATION

1. Facility Contact Affiliation Type:

Owner Contact Contractor Permit Contact Engineer Facility/Project Contact Unknown

| | | |
|---|--------------------------------------|-------------------------|
| Facility Contact First Name: John | Facility Contact Last Name: Reynolds | Facility Contact Title: |
| Facility Contact E-mail Address: nashwpcp@yahoo.com | Facility Contact Phone: 2296865527 | |
| Address Line1: | | Address Line2: |
| City: | State: GA | Zip: |

SECTION III. OPERATOR INFORMATION

Facility Organization Formal Name: City of Nashville

Is operator also the owner?: yes or no

Status:

Federal State Private Public Other

| | |
|---|--------------------------------------|
| Operator Contact E-mail Address: rice.brandon79@yahoo.com | Operator Contact Phone: 229-539-6976 |
|---|--------------------------------------|

SECTION IV. OTHER ENVIRONMENTAL PERMITS

Section III. Table No. 1 - Provide the name and permit nos. for all permits issued to this facility

| Name of Permit | Permit No. |
|---|---|
| | |
| 2. Does your facility require any additional permits not listed above? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 2a. If yes, what are they and what is the timeframe to obtain them? |

SECTION V. NATURE OF BUSINESS

THE NASHVILLE GEORGIA WASTEWATER TREATMENT FACILITY IS AN ADVANCED WASTEWATER TREATMENT FACILITY (AWTF) WITH A MAXIMUM DESIGN FLOW OF 1.0 MGD DISCHARGING TO THE WITHLACOOCHEE RIVER. TREATMENT PROCESSES INCLUDE INFLUENT PUMPING, SCREENING AND GRIT REMOVAL, INFLUENT FLOW MONITORING, ACTIVATED SLUDGE PROCESS USING SEQUENTIAL BATCH REACTORS, TERTIARY CLOTH MEDIA FILTRATION, UV DISINFECTION, EFFLUENT FLOW MONITORING, POST AERATION, AEROBIC SLUDGE DIGESTION AND MECHANICAL SLUDGE DEWATERING (BELT PRESS). FLOW IN EXCESS OF 1.0 MGD IS DIVERTED TO A LAND APPLICATION SYSTEM (LAS) CONSISTING OF AN AERATED LAGOON, EFFLUENT STORAGE LAGOONS, EFFLUENT PUMPING STATION AND FLOW MONITORING, AND SPRAYFIELDS.

SECTION VI. OUTFALL IDENTIFICATION AND WATER QUALITY

| Permitted Feature Identifier | Permitted Feature Type | Permitted Feature Latitude/ Longitude | Receiving Waterbody for Permitted Feature | River Basin | Does Discharge enter 305 (b)/303(d) Listed Waters? (Yes or No) | Discharge listed in a TMDL? (Yes or No) | Name and Year of TMDL |
|------------------------------|------------------------|---------------------------------------|---|-------------|---|--|-----------------------|
| One(1) | External Outfall | 31.206389/-83.272778 | Withlacoochee | Suwanee | No | No | |

| (30 Day) Average Flow (MGD) | (30 Day) Maximum Flow (MGD) | If Receiving Water is Listed, Is the Receiving Water 1. Supporting designated use 2. Not supporting designated use 3. Assessment pending | If Receiving Water(s) is Not supporting the Designated Uses, What is it Listed For? |
|-----------------------------|-----------------------------|---|--|
| .71 | .88 | SupportingUse | |

Note: Georgia's 305(b)/303(d) list can be found on EPD's website at <http://epd.georgia.gov/georgia-305b303d-list-documents>
 Note: Georgia's list of TMDLs can be found on EPD's website at <http://epd.georgia.gov/total-maximum-daily-loading>

SECTION VII. EFFLUENT LIMITS AND CONDITIONS

1. Is there an effluent limit, standard, guideline, or categorical pretreatment standard established for this type of discharge in 40 CFR Part 400-471, as amended or elsewhere pursuant to 301, 306, 307, 316, 318, or 405 of the Clean Water Act?

Yes No

If you answered "yes", to question No. 1 above, please complete the following table below by providing the name of the discharge category and the specific citation to the regulation, if applicable, that establishes the limitation or condition.

If you answered "no" to question No. 1 above, please proceed to Section No. VIII.

Section VII, Table No. 1

| Part | Part Name | Subpart Code | Subpart Name | Description |
|------|-----------|--------------|--------------|-------------|
|------|-----------|--------------|--------------|-------------|

2. Are any of the applicable effluent limitations applicable to the discharge(s) expressed in terms of production?

Yes No

If you answered "yes", complete the following table below. For an existing discharge, list an actual measurement of your average or maximum level of daily production. For new discharges, list an average or maximum projected daily production. (indicate in the table whether the production figures given are average or maximum level.) Express the production in terms and units used in the applicable discharge limitation. If you answered "no" to question No.2 above, please proceed to Section VIII.

If you answered "no" to question No. 2 above, please proceed to Section VIII.

Section VII, Table No. 2 – Applicable Effluent Limit Guidelines

| 1. AVERAGE DAILY PRODUCTION | | | 2. AFFECTED OUTFALLS |
|-----------------------------|---------------------|---------------------------------------|----------------------|
| a. QUANTITY PER DAY | b. UNITS OF MEASURE | c. OPERATION, PRODUCT, MATERIAL, ETC. | |

SECTION VIII. 40 CFR 122.21(R) COOLING WATER INTAKE STRUCTURES

Directions: Answer questions 1 through 4 below for your cooling water intake structure(s) (CWIS). If your answer to any one of these questions is "No", then the requirements of 40 CFR 125.94 through 125.99 do not apply to your facility. However, the State reserves the right to establish BPJ requirements as allowed in 40 CFR 125.90(b) for facilities.

1. Do you own or operate a cooling water intake structure(s)?

Yes No

If you answered "yes" to question No. 1 above, please proceed to question No. 2 below.