



**NORTH CAROLINA**  
*Environmental Quality*

**ROY COOPER**  
*Governor*

**MICHAEL S. REGAN**  
*Secretary*

**LINDA CULPEPPER**  
*Interim Director*

October 3, 2018

SUMIT GUPTA – MEMBER  
GWWTP, LLC  
POST OFFICE BOX 90  
KILL DEVIL HILLS, NORTH CAROLINA 27948

Subject: Permit No. WQ0017224  
Ginguite Woods WWTP  
Reclaimed Water Generation,  
Conjunctive Reclaimed Water  
Utilization, and Low-Rate  
Infiltration System  
Dare County

Dear Mr. Gupta:

In accordance with your permit change of ownership request received July 9, 2018, we are forwarding herewith Permit No. WQ0017224 dated October 3, 2018, to GWWTP, LLC for the continued operation of the subject reclaimed water generation, conjunctive reclaimed water utilization, and low-rate infiltration facilities.

Please note the Permittee has been changed from Ginguite Woods Water Reclamation Association, Inc. to GWWTP, LLC.

This permit shall be effective from the date of issuance until November 30, 2023, shall void Permit No. WQ0017224 issued March 1, 2006, and shall be subject to the conditions and limitations as specified therein. Please pay particular attention to the monitoring requirements listed in Attachments A, B, and C for they may differ from the previous permit issuance. Failure to establish an adequate system for collecting and maintaining the required operational information shall result in future compliance problems.

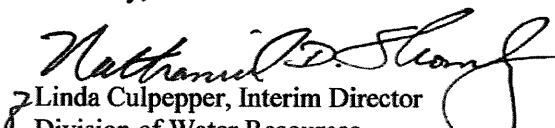
If any parts, requirements or limitations contained in this permit are unacceptable, the Permittee has the right to request an adjudicatory hearing upon written request within 30 days following receipt of this permit. This request shall be in the form of a written petition, conforming to Chapter 150B of the North Carolina General Statutes, and filed with the Office of Administrative Hearings at 6714 Mail Service Center, Raleigh, NC 27699-6714. Unless such demands are made, this permit shall be final and binding.



Mr. Sumit Gupta  
October 3, 2018  
Page 2 of 2

If you need additional information concerning this permit, please contact Tessa Monday at (919) 707-3660 or [tessa.monday@ncdenr.gov](mailto:tessa.monday@ncdenr.gov).

Sincerely,

  
Linda Culpepper, Interim Director  
Division of Water Resources

cc: Dare County Health Department (Electronic Copy)  
Washington Regional Office, Water Quality Regional Operations Section (Electronic Copy)  
Laserfiche File (Electronic Copy)  
Digital Permit Archive (Electronic Copy)  
Central Files

**NORTH CAROLINA**  
**ENVIRONMENTAL MANAGEMENT COMMISSION**  
**DEPARTMENT OF ENVIRONMENTAL QUALITY**  
**RALEIGH**  
**RECLAIMED WATER GENERATION, CONJUNCTIVE RECLAIMED WATER**  
**UTILIZATION, AND LOW-RATE INFILTRATION SYSTEM PERMIT**

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In accordance with the provisions of Article 21 of Chapter 143, General Statutes of North Carolina as amended, and other applicable Laws, Rules and Regulations

PERMISSION IS HEREBY GRANTED TO

**GWWTP, LLC**  
Dare County

FOR THE

operation of a 32,500 gallon per day (GPD) reclaimed water generation, conjunctive reclaimed water utilization, and low-rate infiltration system consisting of the:

continued operation of a reclaimed water generation system consisting of: a manually-cleaned bar screen; a 9,861 gallon aerated equalization tank with a 19 cubic foot per minute (CFM) blower, and two 90 gallon per minute (GPM) transfer pumps; an adjustable flow splitter/control box; two 16,420 gallon aeration tanks each with two 150 CFM blowers; two 2,775 gallon clarifiers; a scum return airlift unit; a sludge return/wasting airlift unit; a split aerated sludge holding tank, aerated by the aeration tank blowers, with a primary 1,211 gallon compartment and secondary 2,000 gallon compartment for lime stabilization; two 12 square foot (ft<sup>2</sup>) filter beds; a 1,840 gallon clear well with two 90 GPM backwash pumps; a 12 CFM blower; a 2,065 gallon mudwell with two 7 GPM return backwash pumps; a 50,000 GPD tablet chlorination unit; a 922 gallon chlorine contact tank; a turbidimeter; and all associated piping, valves, controls, and appurtenances; the

continued operation of a conjunctive reclaimed water irrigation system consisting of: a pump station with dual 185 GPM irrigation pumps; 3.26 acres of common area with an automatic sprinkler system; and all associated piping, valves, controls, and appurtenances; and the

continued operation of a low-rate infiltration system consisting of: a 0.53 acre basin that also functions as the 5-day upset pond; and all associated piping, valves, controls, and appurtenances

to serve the Ginguite Woods WWTP, with no discharge of wastes to surface waters, pursuant to the application received July 9, 2018, and in conformity with the project plans, specifications, and other supporting data subsequently filed and approved by the Department of Environmental Quality and considered a part of this permit.

This permit shall be effective from the date of issuance until November 30, 2023, shall void Permit No. WQ0017224 issued March 1, 2006, and shall be subject to the following specified conditions and limitations:

## **I. SCHEDULES**

1. Within one year of the effective date of this permit, the Permittee shall submit two original copies of a site map with a scale no greater than 1-inch equals 100 feet; however, special provisions may be granted upon prior approval for large properties. At a minimum, the map shall include the following information:
  - a. Legend, north arrow, scale, and legible in black and white.
  - b. The location and identity of each monitoring well (named according to the approved permit or application form).
  - c. The location and identification of major components of the waste disposal system.
  - d. The wetted perimeter of all irrigation fields with field names (named according to the approved permit or application form).
  - e. The location and ownership identification of property boundaries within 500 feet of the disposal areas (including road/rail right-of-way).
  - f. The delineation of compliance and review boundaries.
  - g. The location of all wells, streams (ephemeral, intermittent, and perennial), wetlands, springs, lakes, ponds, and other surface drainage features within 500 feet of all facilities.
  - h. The identification of all approved setback waivers, if applicable.
  - i. The date the map is prepared and/or revised.

The map and any supporting documentation shall be sent to the Division of Water Resources, Non-Discharge Branch, 1617 Mail Service Center, Raleigh, NC 27699-1617. [15A NCAC 02T .0108(b)(2)]

2. Within one year of the effective date of this permit, the Permittee shall submit a copy of the easement (Book 1463, Page 396) and associated plat. The easement and plat will be used to verify if reclaimed water irrigation is allowed on all properties in which irrigation occurs and the original setbacks are being met. [15A NCAC 02T .0108(b)(2)]
3. No later than six months prior to the expiration of this permit, the Permittee shall request renewal of this permit on official Division forms. Upon receipt of the request, the Division will review the adequacy of the facilities described therein, and if warranted, will renew the permit for such period of time and under such conditions and limitations as it may deem appropriate. Please note Rule 15A NCAC 02T .0105(d) requires an updated site map to be submitted with the permit renewal application. [15A NCAC 02T .0105(d), 02T .0106, 02T .0109, 02U .0106, 02U .0109]

## **II. PERFORMANCE STANDARDS**

1. The subject non-discharge facilities shall be effectively maintained and operated at all times so there is no discharge to surface waters, nor any contravention of groundwater or surface water standards. In the event the facilities fail to perform satisfactorily, including the creation of nuisance conditions due to improper operation and maintenance, or failure of the utilization areas to adequately assimilate the reclaimed water, the Permittee shall take immediate corrective actions including Division required actions, such as the construction of additional or replacement reclaimed water generation, utilization, and infiltration facilities. [G.S. 143-215.1, 143-213.3(a)]
2. This permit shall not relieve the Permittee of their responsibility for damages to groundwater or surface water resulting from the operation of this facility. [15A NCAC 02B .0200, 02L .0100]
3. All wells constructed for purposes of groundwater monitoring shall be constructed in accordance with 15A NCAC 02C .0108 (Standards of Construction for Wells Other than Water Supply), and any other jurisdictional laws and regulations pertaining to well construction. [15A NCAC 02C .0108]
4. Effluent limitations for generated reclaimed water shall not exceed those specified in Attachment A. [15A NCAC 02T .0805, 02U .0300]

5. Application rates shall not exceed those specified in Attachment B. [15A NCAC 02T .0805, 02U .0401(g), 02U .0402(m)]
  6. Reclaimed water may only be utilized at the sites listed in Attachment B. [G.S. 143-215.1]
  7. The reclaimed water irrigation system shall be connected to a rain or moisture sensor, which shall indicate when utilization is not appropriate in accordance with Conditions III.6. and III.7. of this permit. [15A NCAC 02T .0108(b)(1)]
  8. The following shall be requirements for the reclaimed water storage and utilization facilities:
    - a. All reclaimed water valves, storage facilities and outlets shall be tagged or labeled to warn the public or employees that reclaimed water is not intended for drinking. Where appropriate, such warning shall inform the public or employees to avoid contact with reclaimed water.
    - b. All reclaimed water piping, valves, outlets and other appurtenances shall be color-coded, taped or otherwise marked to identify the source of the water as being reclaimed water.
      - i. All reclaimed water piping and appurtenances shall be either colored purple (i.e., Pantone 522) and embossed or integrally stamped or marked "CAUTION: RECLAIMED WATER – DO NOT DRINK" or be installed with a purple (i.e., Pantone 522) identification tape or polyethylene vinyl wrap. The warning shall be stamped on opposite sides of the pipe and repeated every three feet or less.
      - ii. Identification tape shall be at least three inches wide and have white or black lettering on purple (i.e., Pantone 522) field stating "CAUTION: RECLAIMED WATER – DO NOT DRINK." Identification tape shall be installed on reclaimed water pipelines in a visible manner, fastened at least every 10 feet to each pipe length and run continuously the entire length of the pipe.
      - iii. Existing underground distribution systems retrofitted for the purpose of distributing reclaimed water shall be taped or otherwise identified as noted above. This identification need not extend the entire length of the distribution system, but shall be incorporated within 10 feet of crossing any potable water supply line or sanitary sewer line.
    - c. All reclaimed water valves and outlets shall be of a type, or secured in a manner, that permits operation by authorized personnel only.
    - d. Hose bibs shall be located in locked, below grade vaults that shall be labeled as being of non-potable quality. As an alternative to the use of locked vaults with standard hose bib services, other locking mechanisms such as hose bibs which can only be operated by a tool may be placed above ground and labeled as non-potable water.
- [15A NCAC 02U .0403]
9. No direct cross-connections shall be allowed between reclaimed water and potable water systems, unless such connection has been approved by the Department pursuant to 15A NCAC 18C .0406. [15A NCAC 02U .0403(f)]
  10. The compliance and review boundaries for the conjunctive reclaimed water utilization system are established at the property boundary. Any exceedance of standards at the compliance or review boundary shall require action in accordance with 15A NCAC 02L .0106. [15A NCAC 02H .0219(k)(1)(C)(i)(III)]
  11. The low-rate infiltration system was individually permitted on or after December 30, 1983; therefore, its compliance boundary is established at either 250 feet from the effluent disposal area, or 50 feet within the property boundary, whichever is closest to the effluent disposal area. An exceedance of groundwater standards at or beyond the compliance boundary is subject to remediation action according to 15A NCAC 02L .0106(d)(2) as well as enforcement actions in accordance with North Carolina General Statute 143-215.6A through 143-215.6C. [15A NCAC 02L .0106(d)(2), 02L .0107(b)]

12. In accordance with 15A NCAC 02L .0108, the review boundary for the low-rate infiltration system is established midway between the compliance boundary and the effluent disposal area. Any exceedance of groundwater standards at the review boundary shall require action in accordance with 15A NCAC 02L .0106. [15A NCAC 02L .0106, 02L .0108]
13. The Permittee shall apply for a permit modification to establish a new compliance boundary prior to any sale or transfer of property affecting a compliance boundary. [15A NCAC 02L .0107(c)]
14. No wells, excluding Division approved monitoring wells, shall be constructed within the compliance boundary except as provided for in 15A NCAC 02L .0107(g). [15A NCAC 02L .0107(d)]
15. Except as provided for in 15A NCAC 02L .0107(g), the Permittee shall ensure any landowner who is not the Permittee and owns land within the compliance boundary shall execute and file with the Dare County Register of Deeds an easement running with the land containing the following items:
  - a. A notice of the permit and number or other description as allowed in 15A NCAC 02L .0107(f)(1);
  - b. Prohibits construction and operation of water supply wells within the compliance boundary; and
  - c. Reserves the right of the Permittee or the State to enter the property within the compliance boundary for purposes related to the permit.

The Director may terminate the easement when its purpose has been fulfilled or is no longer needed.  
[15A NCAC 02L .0107(f)]

16. The facilities permitted herein shall be constructed according to the following setbacks:

- a. The setbacks for reclaimed irrigation sites shall be as follows (all distances in feet):
  - i. Surface waters not classified SA: 25
  - ii. Surface waters classified SA: 100
  - iii. Any well with exception to monitoring wells: 100

[15A NCAC 02U .0701]
- b. The setbacks for the low-rate infiltration basin shall be as follows (all distances in feet):
  - i. Any private or public water supply source: 100
  - ii. Surface waters: 100
  - iii. Groundwater lowering or surface drainage ditches: 25
  - iv. Any upslope interceptor drain or surface water diversion: 10
  - v. Any downslope interceptor drain or surface water diversion: 25
  - vi. Any well with exception of monitoring wells: 100
  - vii. Any property line: 50
  - viii. Top of slope of embankments or cuts of two feet or more in vertical height: 15
  - ix. Any water line from a disposal system: 10
  - x. Any swimming pool: 100
  - xi. Public right of way: 50
  - xii. Nitrification field: 20
  - xiii. Any building foundation or basement: 15
  - xiv. Impounded public water supplies: 500
  - xv. Public shallow groundwater supply: 500

[15A NCAC 02H .0219(j), 02H .0404(g)]

- c. The setbacks for treatment units shall be as follows (all distances in feet):
    - i. Any private or public water supply source: 100
    - ii. Surface waters: 50
    - iii. Any well with exception of monitoring wells: 100
    - iv. Any property line: 50
    - v. Any nitrification field: 20
- [15A NCAC 02H .0219(j)]

### **III. OPERATION AND MAINTENANCE REQUIREMENTS**

1. The facilities shall be properly maintained and operated at all times. The facilities shall be effectively maintained and operated as a non-discharge system to prevent the discharge of any reclaimed water or partially treated effluent resulting from the operation of this facility. [15A NCAC 02T .0108(b)(1)]
2. The Permittee shall maintain an Operation and Maintenance Plan, which at a minimum shall include the following:
  - a. Description of the system in sufficient detail to show what operations are necessary for the system to function and by whom the functions will be conducted;
  - b. A map of all distribution lines and record drawings of all irrigation/infiltration systems under the Permittee's control;
  - c. Description of anticipated maintenance activities;
  - d. Include provisions for safety measures including restriction of access to sites and equipment; and
  - e. Spill control provisions including response to upsets and bypasses including control, containment, remediation, and contact information for plant personnel, emergency responders and regulatory agencies.

[15A NCAC 02U .0801]
3. Upon the Water Pollution Control System Operators Certification Commission's (WPCSOCC) classification of the subject non-discharge facilities, in accordance with 15A NCAC 08G .0200 the Permittee shall designate and employ a certified operator in responsible charge (ORC) and one or more certified operator(s) as back-up ORC(s). The ORC or their back-up shall visit the facilities in accordance with 15A NCAC 08G .0200, and shall comply with all other conditions specified in the previously cited rules. [15A NCAC 02U .0117]
4. An operator certified by the Water Pollution Control System Operators Certification Commission (WPCSOCC) of a grade equivalent or greater than the facility classification shall be on call 24 hours per day. [15A NCAC 02U .0401(e), 02U .0402(i)]
5. A suitable year round vegetative cover shall be maintained on irrigation sites at all times, such that crop health is optimized, allows for even distribution of reclaimed water, and allows inspection of the irrigation system. [15A NCAC 02T .0108(b)(1)]
6. Adequate measures shall be taken to prevent reclaimed water ponding in or runoff from the irrigation sites. [15A NCAC 02T .0108(b)(1)]
7. Irrigation shall not be performed during inclement weather or when the ground is in a condition that will cause ponding or runoff. [15A NCAC 02T .0108(b)(1)]
8. All irrigation and infiltration equipment shall be tested and calibrated at least once per permit cycle. Calibration records shall be maintained at the facility for a period of no less than five years, and shall be made available to the Division upon request. [15A NCAC 02T .0108(b)(1)]

9. The turbidimeter shall be tested and calibrated at a minimum of once per year. Calibration records shall be maintained at the facility for a period of no less than five years, and shall be made available to the Division upon request. [15A NCAC 02T .0108(b)(1)]
10. Only reclaimed water generated at the Ginguite Woods WWTP shall be utilized in accordance with this permit. [G.S. 143-215.1]
11. An automatically activated standby power source or other means to prevent improperly treated wastewater from entering the storage, distribution, or utilization system shall be provided. [15A NCAC 02U .0401(d)]
12. Public access to the reclaimed water generation facilities shall be prohibited. [15A NCAC 02U .0402(f)]
13. Public access to reclaimed water irrigation/infiltration sites shall be controlled during active site use. Such controls may include the posting of signs showing the activities being conducted at each site. [15A NCAC 02U .0501]
14. A water-tight seal on all treatment/storage units or minimum of two feet protection from the 100-year flood plain elevation shall be provided. [15A NCAC 02T .0805, 02U .0402(l)]
15. Diversion or bypassing of untreated or partially treated wastewater from the treatment facilities is prohibited. [15A NCAC 02T .0108(b)(1)]
16. Freeboard in the 0.53 acre low-rate infiltration basin shall not be less than two feet at any time. [15A NCAC 02T .0108(b)(1)]
17. A gauge to monitor water levels in the 0.53 acre low-rate infiltration basin shall be provided. This gauge shall have readily visible permanent markings at inch or tenth of a foot increments. [15A NCAC 02T .0108(b)(1)]
18. A protective vegetative cover shall be established and maintained on all earthen embankments (i.e., outside toe of embankment to maximum allowable temporary storage elevation on the inside of the embankment), berms, pipe runs, erosion control areas, and surface water diversions. Trees, shrubs, and other woody vegetation shall not be allowed to grow on the earthen dikes or embankments. Earthen embankment areas shall be kept mowed or otherwise controlled and accessible. [15A NCAC 02T .0108(b)(1)]
19. All effluent shall be routed to the low-rate infiltration basin should the limit for fecal coliform (e.g., daily maximum concentration of 25 colonies per 100 mL) or turbidity (e.g., instantaneous maximum of 10 NTU) be exceeded, until the problems associated with the wastewater treatment plant have been corrected. The wastewater in the low-rate infiltration basin shall be pumped back to the treatment plant headworks for re-treatment or treated in the low-rate infiltration basin prior to utilization. [15A NCAC 02U .0402(e)]
20. The Permittee shall develop and implement an education program to inform users (including employees) about the proper use of reclaimed water. Educational material shall be provided to all residents and/or other facilities provided with reclaimed water, and these materials shall be maintained consistent with the reclaimed water uses. All educational materials shall be made available to the Division upon request. [15A NCAC 02U .0501(a)(4)]
21. The Permittee shall provide notification to the public and/or employees about the use of reclaimed water, and that reclaimed water is not intended for drinking. Such notification shall be provided to employees in a language they can understand. [15A NCAC 02U .0501]



22. The residuals generated from the wastewater treatment facilities shall be disposed or utilized in accordance with 15A NCAC 02T .1100. The Permittee shall maintain a residual management plan pursuant to 15A NCAC 02U .0802. [15A NCAC 02T .1100, 02U .0802]
23. The infiltration basin shall be periodically cleaned to remove deposited materials that may impede the infiltration process. Cleaning records shall be maintained at the facility for a period of no less than five years, and shall be made available to the Division upon request. The Washington Regional Office, telephone number (252) 946-6481, shall be notified prior to each cleaning. [15A NCAC 02T .0108(b)(1)]

#### **IV. MONITORING AND REPORTING REQUIREMENTS**

1. Any Division required monitoring (including groundwater, plant tissue, soil and surface water analyses) necessary to ensure groundwater and surface water protection shall be established, and an acceptable sampling reporting schedule shall be followed. [15A NCAC 02T .0108(c)]
2. A Division certified laboratory shall conduct all laboratory analyses for the required effluent, groundwater or surface water parameters. [15A NCAC 02H .0800]
3. Flow through the reclaimed water generating facility shall be continuously monitored, and daily flow values shall be reported on Form NDMR.

The Permittee shall install and maintain an appropriate flow measurement device to ensure the accuracy and reliability of flow measurement consistent with accepted engineering and scientific practices. Selected flow measurement devices shall be capable of measuring flows with a maximum deviation of less than ten percent from true flow; accurately calibrated at a minimum of once per year; and maintained to ensure the accuracy of measurements is consistent with the selected device's accepted capability. The Permittee shall maintain records of flow measurement device calibration on file for a period of at least five years. At a minimum, documentation shall include:

- a. Date of flow measurement device calibration,
- b. Name of person performing calibration, and
- c. Percent from true flow.

[15A NCAC 02T .0105(k)]

4. The Permittee shall monitor the reclaimed water from the generating facility at the frequencies and locations for the parameters specified in Attachment A. [15A NCAC 02T .0108(c)]
5. The Permittee shall maintain adequate records tracking the amount of reclaimed water distributed for conjunctive reclaimed water utilization and shall include the following information:
  - a. Date of reclaimed water distributed; and
  - b. Volume of reclaimed water distributed (monthly total).

Monthly tracking records for all users shall be summed and reported on Form NDMR (see Attachment A) under parameter WQ01 (Flow, Reclaimed Water Distributed). This value shall represent the total volume of reclaimed water distributed for that month. [15A NCAC 02T .0108(c)]

6. The Permittee shall maintain adequate records tracking the amount of effluent infiltrated. At a minimum, these records shall include the following information for each infiltration site listed in Attachment B:
  - a. Date of infiltration;
  - b. Volume of effluent infiltrated;
  - c. Site infiltrated;
  - d. Loading rates to each infiltration site listed in Attachment B; and
  - e. Weather conditions.

[15A NCAC 02T .0108(c)]

7. Freeboard (i.e., water level to the lowest embankment elevation) in the 0.53 acre low-rate infiltration basin shall be measured to the nearest inch or tenth of a foot, and recorded weekly. Weekly freeboard records shall be maintained at the facility for a period of no less than five years, and shall be made available to the Division upon request. [15A NCAC 02T .0108(c)]
8. A record shall be maintained of all residuals removed from this facility. This record shall be maintained at the facility for a period of no less than five years, and shall be made available to the Division upon request. At a minimum, this record shall include:
  - a. Name of the residuals hauler;
  - b. Non-Discharge permit number authorizing the residuals disposal, or a letter from a municipality agreeing to accept the residuals;
  - c. Date the residuals were hauled; and
  - d. Volume of residuals removed.

[15A NCAC 02T .0108(c)]

9. A maintenance log shall be maintained at this facility. This log shall be maintained at the facility for a period of no less than five years, and shall be made available to the Division upon request. At a minimum, this log shall include:
  - a. Visual observations of treatment plant and plant site;
  - b. Date of calibration of flow measurement device(s);
  - c. Date of calibration of turbidimeter;
  - d. Date and results of power interruption testing on alternate power supply;
  - e. Record of preventative maintenance (e.g., changing/adjusting of equipment, pump and valve maintenance, cross connection control, testing, inspections and cleanings, etc.); and
  - f. Record of all unpermitted releases of reclaimed water to surface water or land surface including date of occurrence, estimated volume of release, cause, and corrective action taken.

[15A NCAC 02T .0108(b)(1)]

10. Three copies of all monitoring data (as specified in Conditions IV.3., IV.4., and IV.5.) on Form NDMR for each PPI and three copies of all operation and disposal records (as specified in Conditions IV.5. and IV.6.) on Form NDAR-2 for every site in Attachment B shall be submitted on or before the last day of the following month. If no activities occurred during the monitoring month, monitoring reports are still required documenting the absence of the activity. All information shall be submitted to the following address:

Division of Water Resources  
Information Processing Unit  
1617 Mail Service Center  
Raleigh, North Carolina 27699-1617

[15A NCAC 02T .0105(l)]

11. Monitoring wells shall be sampled at the frequencies and for the parameters specified in Attachment C. All mapping, well construction forms, well abandonment forms and monitoring data shall refer to the permit number and the well nomenclature as provided in Attachment C and Figure 1. [15A NCAC 02T .0105(m)]
12. Two copies of the monitoring well sampling and analysis results shall be submitted on a Compliance Monitoring Form (GW-59), along with attached copies of laboratory analyses, on or before the last working day of the month following the sampling month. The Compliance Monitoring Form (GW-59) shall include this permit number, the appropriate well identification number, and one GW-59a certification form shall be submitted with each set of sampling results. All information shall be submitted to the following address: Division of Water Resources, Information Processing Unit, 1617 Mail Service Center, Raleigh, North Carolina, 27699-1617. [15A NCAC 02T .0105(m)]

### 13. **Noncompliance Notification:**

The Permittee shall report by telephone to the Washington Regional Office, telephone number (252) 946-6481, as soon as possible, but in no case more than 24 hours, or on the next working day following the occurrence or first knowledge of the occurrence of any of the following:

- a. Treatment of wastes abnormal in quantity or characteristic, including the known passage of a hazardous substance.
- b. Any process unit failure (e.g., mechanical, electrical, etc.), due to known or unknown reasons, rendering the facility incapable of adequate wastewater treatment.
- c. Any failure resulting in a discharge of reclaimed water directly to surface waters or any unpermitted release of reclaimed water to land surface greater than or equal to 5,000 gallons. Unpermitted releases less than 5,000 gallons to land surface shall be documented by the Permittee in accordance with Condition IV.9.f. but do not require Regional Office notification.
- d. Any time self-monitoring indicates the facilities permitted herein have gone out of compliance with the limitations contained in this permit.
- e. Ponding in or runoff from the reclaimed water irrigation sites.
- f. Effluent breakout from the infiltration basin.

Any emergency requiring immediate reporting (e.g., discharges to surface waters, imminent failure of a storage structure, etc.) outside normal business hours shall be reported to the Division's Emergency Response personnel at telephone number (800) 662-7956, (800) 858-0368, or (919) 733-3300. Persons reporting such occurrences by telephone shall also file a written report in letter form within five days following first knowledge of the occurrence. This report shall outline the actions taken or proposed to be taken to ensure the problem does not recur. [15A NCAC 02T .0108(b)(1)]

## V. **INSPECTIONS**

1. The Permittee shall provide adequate inspection and maintenance to ensure proper operation of the reclaimed water generation and irrigation/infiltration facilities. [15A NCAC 02T .0108(b)]
2. The Permittee or their designee shall inspect the reclaimed water generation and irrigation/infiltration facilities to prevent malfunction, facility deterioration and operator errors resulting in discharges, which may cause the release of wastes to the environment, a threat to human health or a public nuisance. The Permittee shall maintain an inspection log that includes, at a minimum, the date and time of inspection, observations made, and any maintenance, repairs, or corrective actions taken. The Permittee shall maintain this inspection log for a period of five years from the date of the inspection, and this log shall be made available to the Division upon request. [15A NCAC 02T .0108(b)]
3. Any duly authorized Division representative may, upon presentation of credentials, enter and inspect any property, premises or place on or related to the reclaimed water generation irrigation/infiltration facilities permitted herein at any reasonable time for the purpose of determining compliance with this permit; may inspect or copy any records required to be maintained under the terms and conditions of this permit, and may collect groundwater, surface water or leachate samples. [G.S. 143-215.1]

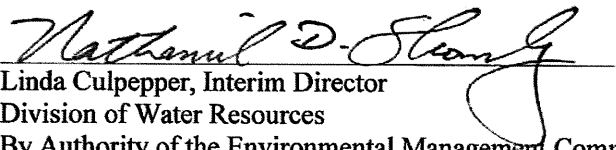
## VI. **GENERAL CONDITIONS**

1. Failure to comply with the conditions and limitations contained herein may subject the Permittee to an enforcement action by the Division in accordance with North Carolina General Statutes 143-215.6A to 143-215.6C. [G.S. 143-215.6A to 143-215.6C]
2. This permit shall become voidable if the permitted facilities are not constructed in accordance with the conditions of this permit, the Division approved plans and specifications, and other supporting documentation. [15A NCAC 02T .0110]

3. This permit is effective only with respect to the nature and volume of wastes described in the permit application, Division approved plans and specifications, and other supporting documentation. No variances to applicable rules governing the construction or operation of the permitted facilities are granted, unless specifically requested and approved in this permit pursuant to 15A NCAC 02T .0105(n). [G.S. 142-215.1]
4. The issuance of this permit does not exempt the Permittee from complying with any and all statutes, rules, regulations, or ordinances, which may be imposed by other jurisdictional government agencies (e.g., local, state, and federal). Of particular concern to the Division are applicable river buffer rules in 15A NCAC 02B .0200; erosion and sedimentation control requirements in 15A NCAC Chapter 4 and under the Division's General Permit NCG010000; any requirements pertaining to wetlands under 15A NCAC 02B .0200 and 02H .0500; National Pollutant Discharge Elimination System (NPDES) requirements under 15A NCAC 02H .0100, and documentation of compliance with Article 21 Part 6 of Chapter 143 of the General Statutes. [15A NCAC 02T .0105(c)(6)]
5. In the event the permitted facilities change ownership or the Permittee changes their name, a written permit modification request shall be submitted to the Division. This request shall be made on official Division forms, and shall include appropriate property ownership documentation and other supporting documentation as necessary. The Permittee of record shall remain fully responsible for maintaining and operating the facilities permitted herein until a permit is issued to the new owner. [15A NCAC 02T .0104]
6. The Permittee shall retain a set of Division approved plans and specifications for the life of the facilities permitted herein. [15A NCAC 02T .0108(b)(1)]
7. The Permittee shall maintain this permit until all permitted facilities herein are properly closed or permitted under another permit issued by the appropriate permitting authority. [15A NCAC 02T .0105(j)]
8. This permit is subject to revocation or unilateral modification upon 60 days notice from the Division Director, in whole or part for the requirements listed in 15A NCAC 02T .0110. [15A NCAC 02T .0110]
9. Unless the Division Director grants a variance, expansion of the permitted facilities contained herein shall not be granted if the Permittee exemplifies any of the criteria in 15A NCAC 02T .0120(b). [15A NCAC 02T .0120]
10. The Permittee shall pay the annual fee within 30 days after being billed by the Division. Failure to pay the annual fee accordingly shall be cause for the Division to revoke this permit. [15A NCAC 02T .0105(e)(3)]

Permit issued this the 3<sup>rd</sup> day of October 2018

NORTH CAROLINA ENVIRONMENTAL MANAGEMENT COMMISSION

  
Linda Culpepper, Interim Director  
Division of Water Resources  
By Authority of the Environmental Management Commission

Permit Number WQ0017224