



ROY COOPER  
*Governor*

MICHAEL S. REGAN  
*Secretary*

LINDA CULPEPPER  
*Interim Director*

June 15, 2018

JESSE MILLER – OWNER  
JORDAN LAKE BUSINESS PARK ASSOCIATION  
1434 FARRINGTON ROAD  
APEX, NORTH CAROLINA 27502

Subject: Permit No. WQ0011777  
Jordan Lake Business Park  
Association WWTF  
Reclaimed Water Generation  
and Non-Conjunctive  
Reclaimed Water Utilization  
System  
Chatham County

Dear Mr. Miller:

In accordance with your permit renewal request received November 6, 2017, and subsequent additional information received April 12, 2018, we are forwarding herewith Permit No. WQ0011777 dated June 15, 2018, to the Jordan Lake Business Park Association for the continued operation of the subject reclaimed water generation and non-conjunctive reclaimed water utilization facilities.

- Your permit's format has been updated to be consistent with the most current reclaimed water permit template, and rule references have been updated pursuant to the new 15A NCAC 02U rules that became effective July 18, 2011.

This permit shall be effective from the date of issuance until May 31, 2023, shall void Permit No. WQ0011777 issued August 15, 2007, and shall be subject to the conditions and limitations as specified therein. Please pay particular attention to the monitoring requirements listed in Attachments A and B 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.

**Please note the following permit conditions have been removed since the last permit issuance dated August 15, 2007:**

- Old Conditions I.1. and I.2. – These conditions have been removed.
- Old Condition II.3. – This condition has been removed because there are no groundwater monitoring wells associated with this facility.
- Old Condition II.7. – This condition has been removed.



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919-807-6332

- Old Conditions II.9.iii.-v. – These setbacks were inadvertently added during the previous permit issuance, and have been removed.
- Old Conditions II.15., II.16., II.17., II.18., and II.19. – These conditions have been removed because the facility has been constructed.

**Please note the following permit conditions are new since the last permit issuance dated August 15, 2007:**

- Condition II.11. – The Permittee is required to apply for a permit modification to establish a new compliance boundary prior to any sale or transfer of property affecting a compliance boundary.
- Condition II.13. – The Permittee is required to ensure any landowner who is not the Permittee and owns land within the compliance boundary executes and files with the Chatham County Register of Deeds an easement running with the land.
- Condition III.4. – Requires an operator certified by the Water Pollution Control System Operators Certification Commission (WPCSOCC) of a grade equivalent or greater than the facility classification to be on call 24 hours per day.
- Condition III.9. – Requires the turbidimeter to be tested and calibrated at a minimum of once per year.
- Condition III.11. – This condition requires that an automatically activated standby power source capable of powering all essential treatment units shall be on site and operational at all times.
- Condition III.12. – This condition requires that public access to the reclaimed water generation facilities be prohibited.
- Condition III.15. – This condition requires that a protective vegetative cover be established and maintained on all earthen embankments, berms, pipe runs, erosion control areas, and surface water diversions.
- Condition III.16. – Requires the Permittee to develop and implement an education program to inform users (including employees) about the proper use of reclaimed water.
- Condition III.17. – Requires the Permittee to provide notification to the public and/or employees about the use of reclaimed water, and that reclaimed water is not intended for drinking.
- Condition III.18. – Requires the Permittee to develop and maintain a training and certification program about the use of reclaimed water for toilet flushing.
- Condition IV.7.c. – Requires the Permittee to keep record of the dates the turbidimeter is calibrated.
- Condition IV.7.f. – Requires the Permittee to keep record of all unpermitted releases of reclaimed water to surface water or land surface.
- Condition IV.9. – Requires three copies of all operation and utilization records to be submitted on Form NDAR-1 for every non-conjunctive utilization site listed in Attachment B.

- Condition IV.10.e. – Requires ponding in or runoff from the reclaimed water utilization sites to be reported as a noncompliance notification.
- Condition VI.8. – States this permit is subject to revocation or unilateral modification upon 60 days notice from the Division Director.
- Condition VI.9. – States that 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).
- Attachment A – Total Kjeldahl Nitrogen, Total Nitrate Nitrogen, Total Nitrogen, and Total Phosphorous have been added as parameters for effluent monitoring.
- Attachment B – Toilet flushing activities have been added to reclaimed water uses.

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.

If you need additional information concerning this permit, please contact Ashley Kabat at (919) 807-6348 or

Sincerely,

Linda Culpepper, Interim Director  
Division of Water Resources

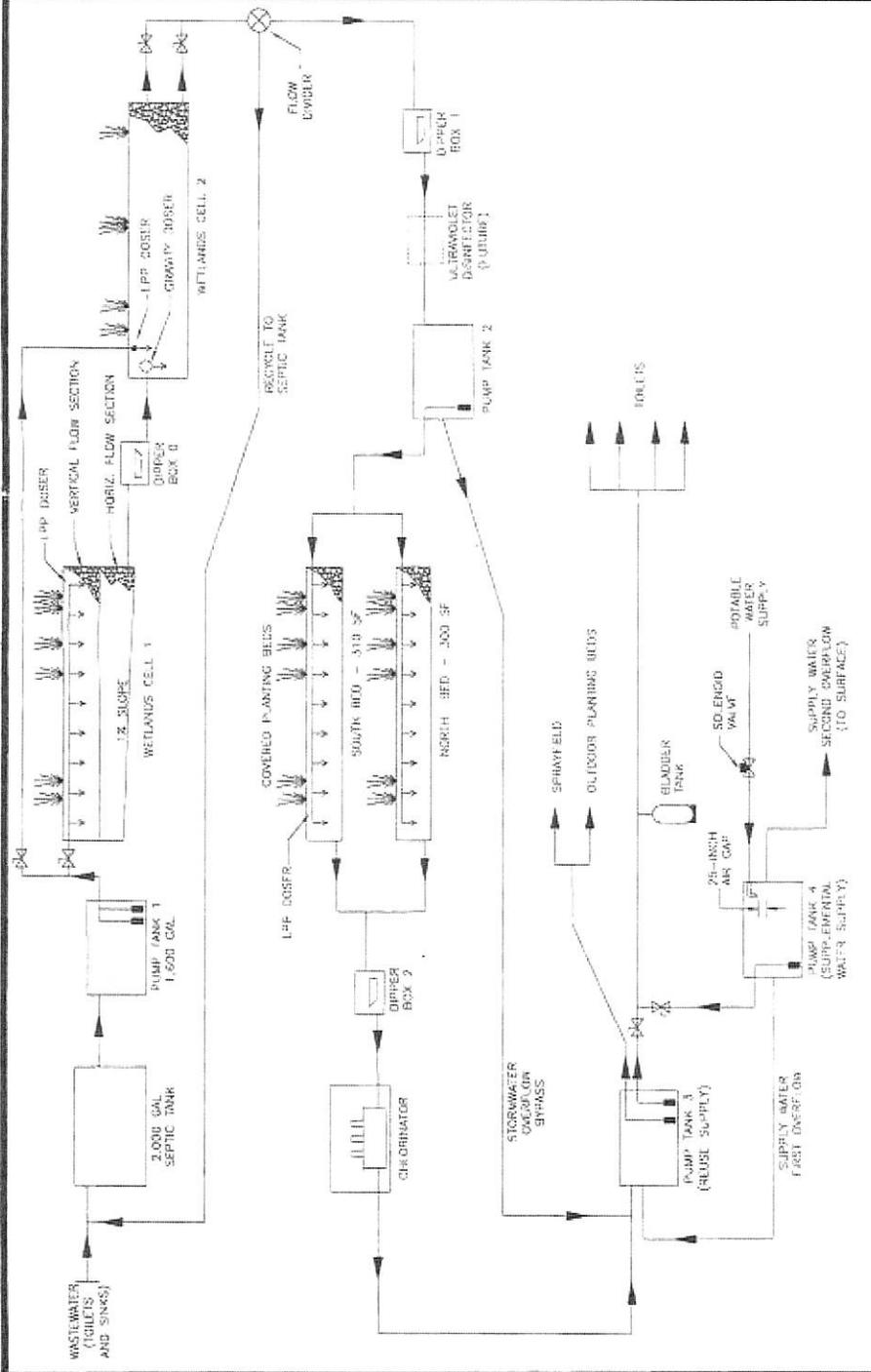
cc: Chatham County Health Department (Electronic Copy)  
Raleigh Regional Office, Water Quality Regional Operations Section (Electronic Copy)  
Laserfiche File (Electronic Copy)  
Digital Permit Archive (Electronic Copy)  
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TURNER ENVIRONMENTAL CONSULTANTS, P.C.

WASTEWATER PROCESS SCHEMATIC

PROJECT NO. 03-97	CHECKED BY: ALB	DATE: 2/10/97
1434 FARRINGTON ROAD	DRAWN BY: GAT	FIGURE NO. 2
APEX, NORTH CAROLINA		



NOT FOR CONSTRUCTION

DRAFT