March 3, 2010

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
RECEIPT # 7006 0810 0002 6050 4975

Richard L. Mann – Vice Chancellor for Finance and Administration
The University of North Carolina at Chapel Hill
302 South Building CB#1000
Chapel Hill, North Carolina 27599

Subject: Notice of Violation
NOV-2010-PC-0215
Permit No. WQ0023896
The University of North Carolina at Chapel Hill
Orange County

Dear Mr. Mann,

On February 18, 2010, staff of the NC Division of Water Quality (DWQ), Aquifer Protection Section (APS), received facility non-compliance notification from Larry Daw for the subject permit. On February 24, 2010 DWQ inspected the subject wastewater treatment and disposal system as a follow up to this facility non-compliance reporting. We wish to thank Mr. Larry Daw, and Mr. James Smith, who were present and assisted during then inspection.

The following items specify permit conditions and limitations that were in violation during the time of the inspection. (Also please refer to the attached inspection report):

OPERATION AND MAINTENANCE REQUIREMENTS

1. Condition III.1, which states, “The facilities shall be properly operated and maintained at all times.” During the inspection it was noted that the distribution line from the pump house to the spray field had ruptured and approximately 1800 gallons of treated wastewater had been released onto ground surface.

You are required to take any necessary action to correct the above violations and to provide a written response to this Notice by April 5, 2010. Please include in your response all corrective actions already taken and a schedule for completion of any corrective actions not addressed.

Please note that assessment of civil penalties may have already been recommended for violations described within this Notice of Violation. Failure to comply with the State's rules, in the manner and time specified, may result in the assessment of additional civil penalties and/or the use of other enforcement mechanisms available to the State.
Failure to comply with conditions in a permit may result in a recommendation of enforcement action, to the Director of the Division of Water Quality who may issue a civil penalty assessment of not more than twenty-five thousand ($25,000) dollars against any “person” who violates or fails to act in accordance with the terms, conditions, or requirements of a permit under authority of G.S. 143-215.6A.

If you have any questions concerning this Notice, please contact Matthew Fleahman or me at (919) 791-4200.

Sincerely,

[Signature]

S. Jay Zimmerman, L.G.
Environmental Program Supervisor

attachments: Inspection Report

cc: Orange County Environmental Health Department
    RRO-APS Files
    Aquifer Protection Section Central Files
Compliance Inspection Report

Permit: WQ0023896
Effective: 02/12/07  Expiration: 09/30/14  Owner: UNC At Chapel Hill

SOC: Effective: Expiration: Facility: UNC - Research Resources Facility WWTP

County: Orange 1907 Clover Garden Church Rd
Region: Raleigh

Contact Person: Larry Daw  Title:  Phone: 919-962-6666

Directions to Facility:
Take I-40 west to chapel hill, take Hwy 54 West to carborro. Continue on 54 west past White Cross. Turn left on Morrow Mill go about a mile and veer left on Clover garden church road. Gate to facility is on left about 2 miles down.

System Classifications:
Primary ORC: James Edward Smith  Certification: 985237  Phone: 919-962-1240
Secondary ORC(s):

On-Site Representative(s):

Related Permits:

Inspection Date: 02/24/2010  Entry Time: 09:20 AM  Exit Time: 11:15 AM

Primary Inspector: Matthew Fleahman  Phone:
Secondary Inspector(s):

Reason for Inspection: Other  Inspection Type: Compliance Evaluation
Permit Inspection Type: Surface Irrigation
Facility Status: □ Compliant  ■ Not Compliant

Question Areas:
■ Miscellaneous Questions  ■ Treatment

(See attachment summary)
Inspection Summary:
A site inspection was conducted on February 24, 2010 by staff from the Division of Water Quality in response to facility non-compliance reporting. UNC contacted the Division on Thursday February 18, 2010 and indicated that a force main from the pump house to the permitted spray field had ruptured and approximately 1800 gallons of treated wastewater was released to ground surface. During the day of the inspection, the facility was offline and all wastes were being handled under the recently issued pump and haul permit WQ0034607. The compliance inspection also included the start up inspection of the connections authorized in the pump and haul permit to send all wastes into the formerly deemed permitted animal waste system prior to hauling activities to OWASA. The facility had not dug up force main at the time of the inspection. And no evidence was presented to indicate the cause of the release. Since the system is offline and the spray field will not be operation, the permittee must evaluate the system on site and make any required repairs.

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<thead>
<tr>
<th>Type</th>
<th>Yes</th>
<th>No</th>
<th>NA</th>
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<tbody>
<tr>
<td>Infiltration System</td>
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<td>Reuse (Quality)</td>
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<td>Single Family Spray, LR</td>
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<td>Activated Sludge Drip, LR</td>
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<td>Activated Sludge Spray, HR</td>
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<td>Activated Sludge Spray, LR</td>
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<td>Single Family Drip</td>
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<td>Recycle/Reuse</td>
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<td>Lagoon Spray, LR</td>
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<thead>
<tr>
<th>Treatment</th>
<th>Yes</th>
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<tr>
<td>Are Treatment facilities consistent with those outlined in the current permit?</td>
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<td>Do all treatment units appear to be operational? (if no, note below.)</td>
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Comment: distribution line from pump house to spray field ruptured and waste did not flow to spray field. Approximately 1800 gallons of treated wastewater was released to ground surface.