

0106Permit2005 - Box No. \_\_\_\_\_

Alamance County  
2005

01-06

0106 2005



Central Files  
Compost 01-06 Intact /  
LCID Application Returned  
05-13-05  
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NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

Dexter R. Matthews, Director

Division of Waste Management

Michael F. Easley, Governor  
William G. Ross Jr., Secretary

May 13, 2005

Steven S. Scott, President  
Carolina Resource Recovery  
3285 Jones Drive  
Mebane, NC 27302

Re: Return of LCID Permit Application  
Carolina Resource Recovery  
Alamance County, North Carolina

Dear Mr. Scott:

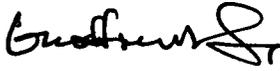
Thank you for meeting with Hugh Jernigan and me Thursday, April 21, 2005, at your facilities in Mebane. In discussing and viewing your operation that day, the three of us agreed that (i) a LCID landfill is not pertinent to your operations, (ii) your operation does not generate a waste material that requires disposal and (iii) you do not wish to bury material on your property. At the conclusion of the conversation, you indicated that you were therefore not interested in pursuing a permit for a LCID landfill.

Based on that conversation and for the record, the following are conclusions agreed to during the meeting referenced above:

1. For the record and as of the date of this letter, we no longer have a pending application on file for a LCID at your property on 3287 Jones Drive, Mebane, NC.
2. We are returning copies of the Revised Applications dated June 15, 200, and May 15, 2001. One set of copies of the revised applications will be kept on file in the Solid Waste Section central files.
3. You may reconsider your decision at any time in the future and submit a new application at that time for a LCID (or any other appropriate solid waste management facility) in compliance with the Solid Waste Rules in effect at that time.
4. The actions listed above will have no bearing on future applications or on the composting operations currently permitted (Permit No. 01-06) at the same property.
5. Please be aware that, with the exception for the activities permitted under Compost Permit 01-06, you do not have any other permit or authorization to manage solid waste at the property referenced in Item 1 above.

Thank you for your patience and cooperation in this matter. Should you have any questions regarding this letter or if you determine this letter is in error, please do not hesitate to contact me at (919) 508-8504.

Sincerely,



Geoffrey H. Little  
Environmental Engineer  
Solid Waste Section

Enclosures: Revised Applications dated June 15, 2000, and May 15, 2001.

c: Jim Coffey, DWM  
Jim Barber, DWM  
Ted Lyon, DWM  
Brent Rockett, DWM  
Hugh Jernigan, DWM  
Mark Taylor, Ecologic Associates, P.C.  
Jenny Freeman, DWQ



*Jim Barber*

Michael F. Easley, Governor

William G. Ross Jr., Secretary  
North Carolina Department of Environment and Natural Resources

Alan W. Klimek, P.E. Director  
Division of Water Quality

January 18, 2005

**CERTIFIED MAIL 7003 0500 0000 2522 3478**  
**Return Receipt Requested**

Mr. Steven S. Scott, President  
Carolina Resource Recovery  
3285 Jones Drive  
Mebane, NC 27302



**Subject: NOTICE OF VIOLATION**  
**General Stormwater Permit Inspection**  
**NPDES General Permit No. NCG120063**  
**Carolina Resource Recovery, 3287 Jones Drive, Mebane**  
**Alamance County**

Dear Mr. Scott:

On January 14, 2005, Jenny Freeman of this office performed a General Stormwater Permit Inspection at Carolina Resource Recovery located at 3287 Jones Drive, Mebane in Alamance County. As president of the company, you were present for the inspection. This type of inspection consists of two basic parts: a review of facility files and self-monitoring data, and an on-site inspection of the facility and its outfalls.

This facility holds General Stormwater Permit No. NCG120063 under the National Pollutant Discharge Elimination System (NPDES) to discharge Stormwater from activities classified as Landfills that are permitted by the North Carolina Division of Solid Waste Management. Stormwater discharges from this site drain to Haw Creek (C; NSW) in the Cape Fear River Basin.

**You are found to be in violation of your General Stormwater Permit No. NCG120063.** The stormwater permit requires the implementation of an approved Erosion and Sedimentation Control Plan. Division of Land Resources approved an Erosion and Sedimentation Control Plan for the site on April 20, 2000, however a signed copy of the approved plan is not maintained at the site as required by the stormwater permit in Part II Section A.2. In Part II Section A.3, the stormwater permit requires compliance with a landfill permit issued by the Division of Solid Waste Management. No such permit exists although the facility and owner made application several years ago.

Another requirement of the stormwater permit is analytical and qualitative monitoring at each of the site's stormwater outfalls. During the inspection on January 13, 2005, it was determined that Carolina Resource Recovery has not been performing the monitoring requirements of the General Permit. Permit text Part II Sections B and C explain these monitoring requirements. Analytical monitoring is required at each outfall on an annual basis for the following parameters: Chemical Oxygen Demand, Fecal Coliform, Total Suspended Solids, and Total Stormwater Flow. Total rainfall and duration of each rain event must also be monitored at the site.

One  
North Carolina  
*Naturally*

Qualitative monitoring requires a visual inspection of each stormwater outfall every seven days and within 24 hours after a rain event of greater than 0.5 inches of rain or more in a 24-hour period. Qualitative monitoring is for the purpose of evaluating the effectiveness of the erosion control devices at the outfall and assessing new sources of stormwater pollution at the site. Monitoring records should be maintained at the facility and made available to Division of Water Quality staff upon request. On-site vehicle maintenance monitoring requirements at the landfill are waived, since these activities are performed off-site.

**The failure to comply with the abovementioned requirements is a violation of the General Permit.** According to permit text Part III Section A.2, "the permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Clean Water Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or denial of a permit upon renewal application." Under state law, a daily civil penalty of not more than twenty-five thousand dollars (\$25,000) per violation may be assessed against any person who violates or fails to act in accordance with the terms, conditions, or requirements of a permit. [Ref: NC General Statutes 143-215.6A]

**It is requested that a written response addressing this violation be submitted to this office within 15 days of receipt of this letter.** In your response, please state corrective actions for the stated deficiency and address your comments to the attention of Ms. Freeman. Please refer to the attached inspection report for specific details from the inspection. If you have any questions concerning this report, please contact Ms. Freeman or me at (336) 771-4600.

Sincerely,



Steve W. Tedder  
Water Quality Regional Supervisor

cc: Mark Taylor, EcoLogic Associates, 4321-A S. Elm-Eugene St., Greensboro, NC 27406  
~~Jim Berger, Permitting Branch Head, Solid Waste Section~~  
Hugh Jernigan, Solid Waste Section – WSRO  
Stormwater & General Permits  
Central Files – SWP  
WSRO – SWP





Permit: NCG120063

Owner - Facility: Carolina Resource Recovery - Carolina Resource Recovery

Inspection Date: 01/13/05

Inspection Type: Stormwater

Permit

Yes No NA NE

(If the present permit expires in 6 months or less). Has the permittee submitted a new application?

Is the facility as described in the permit?

Are there any special conditions for the permit?

Is access to the plant site restricted to the general public?

Is the inspector granted access to all areas for inspection?

Comment:

Record Keeping

Yes No NA NE

Are records kept and maintained as required by the permit?

Is all required information readily available, complete and current?

Are all records maintained for 3 years (lab. reg. required 5 years)?

Are analytical results consistent with data reported on DMRs?

Are sampling and analysis data adequate and include:

Dates, times and location of sampling

Name of individual performing the sampling

Results of analysis and calibration

Dates of analysis

Name of person performing analyses

Transported COCs

Plant records are adequate, available and include

O&M Manual

As built Engineering drawings

Schedules and dates of equipment maintenance and repairs

Are DMRs complete: do they include all permit parameters?

Has the facility submitted its annual compliance report to users?

(If the facility is = or > 5 MGD permitted flow) Do they operate 24/7 with a certified operator on each shift?

Is the ORC visitation log available and current?

Is the ORC certified at grade equal to or higher than the facility classification?

Is the backup operator certified at one grade less or greater than the facility classification?

Is a copy of the current NPDES permit available on site?

Is the facility description verified as contained in the NPDES permit?

Does the facility analyze process control parameters, for example: MLSS, MCRT, Settleable Solids, DO, Sludge Judge, pH, and others that are applicable?

Facility has copy of previous year's Annual Report on file for review?

Comment: The facility is not performing analytical and qualitative monitoring as required by the permit.

Effluent Sampling

Yes No NA NE

Is composite sampling flow proportional?

Is sample collected below all treatment units?

Is proper volume collected?

Is the tubing clean?

Is proper temperature set for sample storage (kept at 1.0 to 4.4 degrees Celsius)?

Is the facility sampling performed as required by the permit (frequency, sampling type representative)?

Comment: The facility is not performing monitoring requirements of the permit.

Effluent Pipe

Yes No NA NE

Permit: NCG120063

Owner - Facility: Carolina Resource Recovery - Carolina Resource Recovery

Inspection Date: 01/13/05

Inspection Type: Stormwater

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Effluent Pipe

Yes No NA NE

Is right of way to the outfall properly maintained?

Are receiving water free of solids and floatable wastewater materials?

Are the receiving waters free of solids / debris?

Are the receiving waters free of foam other than a trace?

Are the receiving waters free of sludge worms?

If effluent (diffuser pipes are required) are they operating properly?

Comment: Actual stormwater outfalls at the site are unknown. Approximate outfalls were inspected by DWQ on January 13, 2005. Only small amounts of sediment appear to be leaving the site.