



## North Carolina Department of Environment and Natural Resources

Dexter Matthews, Director

Division of Waste Management

Beverly Eaves Perdue, Governor  
Dee Freeman, Secretary

### **DIVISION OF WASTE MANAGEMENT**

**Division of Waste Management**  
**Dexter R. Matthews, Director**

March 26, 2012

Mr. Ray Hoffman, PE  
Hodges, Harbin, Newberry & Tribble Inc.  
484 Mulberry St.  
Macon, Georgia 31209

Alternative Daily Cover Demonstration  
East Carolina Regional MSW Landfill  
Permit Number 08-03

Dear Mr. Hoffman:

I have received your request for a 180 day extension to the original approval issued on June 16, 2011 for the use of an alternative daily cover (ADC) consisting of Automotive Shredder Residue at the East Carolina Regional MSW Landfill.

The request is to experiment with various blends of soil and ASR possibly including pure ASR. As stated in the proposal the ASR is to be accepted from Liverman Metals Recycling in Kelford, NC. The maximum amount of ASR that can be accepted at the facility is 2246 tons per month and is limited to 5% of the facilities waste stream. The ASR is to be stored near the working face for a maximum of 45 days and all runoff is to be contained within the lined cell. The ADC is to be applied to a minimum depth of 6 inches. *Since the mixing of soil and ASR is to occur near the working face, ensure that during any mixing operations, the existing cover is not compromised.*

Your request for a 180 day demonstration period has been approved. The demonstration period is set to expire on September 26, 2012. The ADC must comply with 15NCAC .1626(2)(b) which requires the Operator to demonstrate that the ADC will control disease vectors, fires, odor, blowing litter, and scavenging without presenting a threat to human health and the environment. You will need to fully document the use of the material by the means of photos, journals, and other pertinent information regarding compliance with the North Carolina Administrative Code. All pertinent information regarding the use of the product will need to be submitted at the end of the test period.

Mr. Hoffman  
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The use of the Automotive Shredder Residue will not be allowed to continue until the demonstration has been approved by the Section. If the operator would like to continue the use of the ASR, a request for continued use of the ASR, the daily evaluation notes, pictures and a revised operations plan need to be submitted at least one week prior to September 26, 2012. Site visits during the evaluation period will be conducted to ensure compliance for daily cover.

The demonstration period does not allow for or give any exemptions to the requirements for Daily Cover. If the use of the mix is not sufficient for daily cover, the demonstration period should stop and corrective actions should be taken to cover exposed areas of waste. It is the Operators' responsibility to ensure an adequate daily cover is being provided. The continued use of the mix should not continue if it does not appear to be adequately covering the waste.

Please notify me when the demonstration begins so that I can schedule future site visits to review the ADC operation.

Sincerely,



Ben Barnes  
Environmental Senior Specialist  
Regional Representative

Cc: Dennis Shackelford, Eastern Distric Supervisor  
Ed Mussler, Engineering Branch Head  
Shawn McKee, Compliance Officer  
John Murray, Engineer  
Mitch Hoggard, East Carolina Environmental 1922 Republican Road Aulander, North Carolina 27805

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