



## **Division of Environmental Health**

Terry L. Pierce, Director  
On-Site Water Protection Section  
Ted Lyon, Chief

State of North Carolina  
Michael F. Easley, Governor

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

August 22, 2008

Mr. Bob Johnson  
U.S. Tire Recycling  
6322 Poplar Tent Rd  
Concord, NC 28027

Subject: Approval to use Tire Chips for On-Site Wastewater Drainfield Aggregate

Dear Mr. Johnson:

The On-Site Water Protection Section has reviewed your request to use tire chips as an alternative drainfield aggregate for use in subsurface wastewater systems approved in North Carolina. This review was completed pursuant to the provisions of the Innovative Approval for tire chips, IWWS-2002-3-R2. It appears that the tire chips will be capable of meeting these requirements and are hereby approved for use as a drainfield aggregate in subsurface wastewater systems based on the following information:

- a. "Instruction Sheet for the Proper Use and Installation of Tire Chips for On-Site Wastewater Nitrification Field Aggregate" for U.S. Tire Recycling; and
- b. Letter dated August 1, 2008 from Bob Johnson with U.S. Tire Recycling specifying that U.S. Tire agrees to provide a product that complies with all specifications listed in Section II of IWWS-2002-3-R2.

If tire chips are found to be in noncompliance with the Innovative Approval, an Operation Permit will not be issued for the installed wastewater system.

Repeated installations with tire chips not meeting the specifications in Section II of IWWS-2002-3-R2 shall result in a revocation of the tire chip manufacturer's approval to provide tire chips. In accordance with Rule .1969(k)(2), the State shall suspend or revoke product approval upon a finding as follows:

1. Subsequent experience with tire chips results in altered conclusions about system performance, reliability, or design;
2. The system or component fails to perform in compliance with performance standards established for the system; or
3. The system, component, or system applicant fails to comply with wastewater system laws, rules or conditions of the approval.

Please feel free to contact me at (919) 715-3272 if you have any questions or if we can be of further assistance to you.

Sincerely,

Tricia Angoli  
On-Site Wastewater Engineering

1642 Mail Service Center, Raleigh, North Carolina 27699-1642  
Phone (919) 715-3272 / Fax (919) 715-3227  
<http://www.ncenvirohealth.org>

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