



North Carolina Department of Environment and Natural Resources

Division of Waste Management

Dexter R. Matthews

Director

Pat McCrory
Governor

John E. Skvarla, III
Secretary

February 19, 2014

Sent Via Email – YIY1@RJRT.com

Ms. Yongsheng Yi
R.J. Reynolds Tobacco Company
Environment, Health, and Safety
401 North Main Street
Winston-Salem, NC 27101

Re: *Corrective Action Plan*
Rural Hall Ash Landfill
Forsyth County, Solid Waste Permit Number 34-05
DIN 20609

Dear Yong Yi:

The Solid Waste Section has completed a technical review of the *Corrective Action Plan* dated February 4, 2014 (DIN 20564) and submitted on behalf of R.J. Reynolds Tobacco Company by ERM NC, PC for the Rural Hall Ash Landfill, Solid Waste Permit Number 34-05. The *Corrective Action Plan* was submitted in response to the consistent groundwater exceedances at the facility.

In accordance with 15A NCAC 13B .0503(2)(d) and 15A NCAC 2L, R.J. Reynolds Tobacco Company selected a remedy to restore groundwater quality at and beyond the relevant point of compliance, to effectively reduce the overall groundwater contamination at the facility, and to control the migration of contaminated groundwater to prevent unacceptable impacts. The Solid Waste Section approved R.J. Reynolds Tobacco Company's selected remedy on October 10, 2013 (DIN 19938). The remedy includes source control through the installation of a linear low density polyethylene (LLDPE) synthetic liner on the landfill cap and drainage improvements, and intrinsic remediation with performance monitoring.

R.J. Reynolds Tobacco Company has completed the installation of the synthetic liner on the landfill cap and the drainage improvements. In addition, performance water quality monitoring will be conducted on a semiannual basis and landfill cap inspections will be conducted on a quarterly basis to evaluate the effectiveness of the liner and the drainage improvements.

As a result, the *Corrective Action Plan* is approved as described for immediate implementation with one exception. The Solid Waste Section is requesting the submittal of the semiannual water quality monitoring reports on a semiannual basis instead of an annual basis at this time. If you have any questions or concerns regarding this letter, please feel free to contact me by email at jaclynne.drummond@ncdenr.gov or at 919-707-8294. Thank you again for your continued cooperation with this matter.

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Sincerely,



Jaclynne Drummond
Compliance Hydrogeologist
Solid Waste Section

cc sent via email: Max Hopkins, R.J. Reynolds Tobacco Company
 Jason Watkins, Western District Supervisor
 Charles Gerstell, Environmental Senior Specialist
 John Murray, Permitting Engineer
 Alan Martin, ERM NC, Inc.