



North Carolina Department of Environment and Natural Resources

Division of Waste Management

Dexter R. Matthews

Director

Pat McCrory  
Governor

John E. Skvarla, III  
Secretary

October 17, 2013

Sent Via Email – majones@hendersoncountync.org

Mr. Marcus Jones  
Henderson County  
Director of Engineering  
802 Stoney Mountain Road  
Hendersonville, NC 28791

Re: *Landfill Gas Remediation Plan – Phase 1*  
Closed Henderson County MSW Landfill  
Henderson County  
Solid Waste Section Permit Number 45-01  
DIN 19987

Dear Mr. Jones:

The Solid Waste Section has completed a review of the *Landfill Gas Remediation Plan – Phase 1* dated September 26, 2013 (DIN 19943) and submitted by Golder Associates NC, Inc on behalf of Henderson County for the Closed Henderson County MSW Landfill.

On June 26, 2013, two landfill gas monitoring wells indicated methane exceedances above the lower explosive limits. The Solid Waste Section was notified of the exceedances on July 2, 2013, and the methane exceedances appear to be related to the recent shutdown and removal of the active landfill gas system that was operated by Enerdyne until April 2013.

Henderson County is proposing a phased approach to address the methane gas exceedances. Phase 1 consists of the following:

- Venting landfill gas extraction wells within the area of the exceedances,
- Conduct a field investigation to acquire information from the existing landfill gas monitoring wells and probes, and
- Create a landfill gas generation model to evaluate long term control of landfill gas in order to determine and design the best option for Phase 2. Phase 2 will be prepared once sufficient information has been obtained.

As a result, the Solid Waste Section approves the *Landfill Gas Remediation Plan – Phase 1* for immediate implementation. If you have any questions or concerns regarding this letter, please feel free to contact me at 919-707-8294 or by email at [jaclynne.drummond@ncdenr.gov](mailto:jaclynne.drummond@ncdenr.gov). Thank you for your continued cooperation with this matter.

Sincerely,



Jaclynne Drummond  
Compliance Hydrogeologist  
Solid Waste Section

cc sent via email:     Natalie Berry, Henderson County Assistant Engineer  
                              Greg Wiggins, Henderson County Solid Waste Manager  
                              Jason Watkins, Western District Supervisor  
                              Andrea Keller, Environmental Senior Specialist  
                              Larry Frost, Permitting Engineer  
                              Dusty Reedy, Golder Associates NC, Inc.