



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 24, 2013

Sent Via Email – tbuck@toknc.com

Mr. Thad Buck
Town of Kernersville
Solid Waste Superintendent
P.O. Box 728
Kernersville, NC 27284

Re: *Landfill Gas Migration Corrective Action Plan*
Town of Kernersville Closed and Unlined MSW Landfill
Forsyth County
Solid Waste Section Permit Number 34-04
DIN 20012

Dear Mr. Buck:

The Solid Waste Section would like to thank the Town of Kernersville again for its continued cooperation in addressing the methane gas exceedances at the Town of Kernersville Closed and Unlined MSW Landfill.

The Solid Waste Section has completed a review of the *Landfill Gas Migration Corrective Action Plan* dated September 9, 2013 (DIN 19831) and submitted on behalf of the Town of Kernersville by Joyce Engineering for the Town of Kernersville Closed and Unlined MSW Landfill. The Solid Waste Section approved the Town of Kernersville's *Gas Assessment Plan* dated November 20, 2012 (DIN 17930) on December 20, 2012 (DIN 17952). The new landfill gas monitoring wells were installed on March 8, 2013, and based upon the monthly methane gas results submitted to the Solid Waste Section, there are consistent methane gas exceedances beyond the property boundary. The *Landfill Gas Migration Corrective Action Plan* was submitted in response to these methane gas exceedances.

The Town of Kernersville is proposing to install three passive methane gas vents (GV-1, GV-2, and GV-3) along the northern limits of the waste disposal area. This location was chosen to effectively limit the northward migration of the methane gas. Monthly methane monitoring will also continue at the facility.

As a result, the *Landfill Gas Migration Corrective Action Plan* is approved as described for immediate implementation. Please install the passive methane gas vents within 90 days of receipt of this letter.

If you have any questions or concerns regarding this letter, please feel free to contact me by email at jaclynne.drummond@ncdenr.gov or by phone at 919-707-8294. The Solid Waste Section would like to thank you again for your continued cooperation with this matter.

Sincerely,

A handwritten signature in black ink, appearing to read "Jaclynne Drummond". The signature is fluid and cursive, with the first name being more prominent.

Jaclynne Drummond
Compliance Hydrogeologist
Solid Waste Section

cc via email: Jason Watkins, Western District Supervisor
C.T. Gerstell, Environmental Senior Specialist
Larry Hinline, Joyce Engineering