



North Carolina Department of Environment and Natural Resources
Division of Waste Management

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SOLID WASTE SECTION

November 22, 2013

Sent Via Email – mike@griffinbrothers.com

Mr. Mike Griffin
Greenway Waste Solutions, LLC
19109 West Catawba Avenue, Suite 200
Cornelius, NC 28031

Subject: Landfill Gas Monitoring Plan –
North Mecklenburg C&D Landfill – Closed Phase 1 and Phase II
Solid Waste Permit Number 60-13
Mecklenburg County, NC
DIN 20185

Dear Mr. Griffin:

On August 15, 2013 the NC Solid Waste Section approved an Assessment Monitoring Work plan for closed phase 1 and closed phase 2 of the landfill. The assessment monitoring plan is addressing exceedances of volatile organic compounds in the groundwater monitoring wells of the facility. This letter is to notify you that it is also necessary to prepare a revised landfill gas monitoring plan for the facility. Please submit the revised plan within 60-days of receipt of this letter.

On June 7, 2010 a landfill gas monitoring plan was approved pertaining to the Infill Expansion and Expansion Areas 1 & 2, but not the older closed Phase 1 and Phase 2 that are subject to rule 15A NCAC 13B .0503(2)(a). The rule states that the concentration of explosive gases generated by the site shall not exceed: (i) twenty-five percent of the limit for the gases in site structures (excluding gas control or recovery system components); and (ii) the lower explosive limit for the gases at the property boundary. The Landfill Gas Plan needs to be prepared along the guidelines presented in the NC Solid Waste Section's "*Landfill Gas Monitoring Guidance*", dated November 2010. The document may be found on the section web site located at <http://portal.ncdenr.org/web/wm/sw/envmonitoring>. The Landfill Gas Monitoring Plan should include monitoring both methane and hydrogen sulfide and include a contingency plan. If landfill gas exceedances occur, additional gas monitoring wells, possible extraction wells, and further sampling criteria maybe warranted.

