



North Carolina Department of Environment and Natural Resources

Pat McCrory  
Governor

John E. Skvarla, III  
Secretary

June 16, 2014

Sent Via Email - [jon.creighton@buncombecounty.org](mailto:jon.creighton@buncombecounty.org)

Mr. Jon Creighton  
Assistant Buncombe County Manager/Planning Director  
46 Valley Street  
Asheville, NC 28801

Re: *MW-3 Gas Issue*  
Buncombe County MSW Landfill  
Buncombe County  
Solid Waste Permit Number 11-07  
DIN 21271

Dear Mr. Creighton:

The Solid Waste Section has completed a review of the *MW-3 Gas Issue* document (DIN 21270) dated May 15, 2014 and submitted on your behalf by SCS Engineers for the Buncombe County MSW Landfill, Solid Waste Permit Number 11-07. The document was submitted in continued response to the confirmation of vinyl chloride and the presence of methane gas within groundwater monitoring well MW-3.

The County initiated assessment monitoring in accordance with 15A NCAC 13B .1634, and Appendix II monitoring is currently being conducted for this facility. In addition, the County conducted a landfill gas delineation study and excavated the soil above the primary liner at the anchor trench.

In the meantime, the County is requesting the following: (1) the replacement of groundwater monitoring well MW-3 (with MW-3R) utilizing the same approximate depth within the same geologic formation at an increased distance from the edge of waste; (2) the abandonment of the current location of groundwater monitoring well MW-3; and (3) the development of a passive methane vent system located immediately outside of the liner anchor trench.

As a result, the requests within the *MW-3 Gas Issue* document are approved with one exception. Due to the ongoing groundwater and methane issues at the facility, please do not abandon groundwater monitoring well MW-3 at this time. Please be sure that the new groundwater monitoring well installed will be surveyed by a NC licensed surveyor. Please also include groundwater monitoring well MW-3R as part of the compliance monitoring network of the facility. Groundwater monitoring well MW-3 may be removed from the compliance monitoring network and will be utilized as an observation well at this time.

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 again for your continued cooperation with this matter.

Sincerely,



Jaclynne Drummond  
Compliance Hydrogeologist  
Solid Waste Section, Division of Waste Management  
NCDENR

cc sent via email:      Jason Watkins, Western District Supervisor  
                                 Andrea Keller, Environmental Senior Specialist  
                                 Allen Gaither, Permitting Engineer  
                                 Ed Hilton, SCS Engineers