



North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

Donald R. van der Vaart
Secretary

March 16, 2015

Sent Via Email - mgurley@republicservices.com

Mr. Mike Gurley
Republic Services, Inc.
5105 Morehead Road
Concord, NC 28027

Re: *Groundwater Assessment Monitoring Work Plan*
Lake Norman C&D Landfill
Lincoln County
Solid Waste Permit Number 55-04
DIN 23983

Dear Mr. Gurley:

The Solid Waste Section has completed a review of the *Groundwater Assessment Monitoring Work Plan* dated March 9, 2015 (DIN 23982) and submitted on behalf of Republic Services, Inc. by Jett Environmental Consulting for the Lake Norman C&D Landfill, Solid Waste Permit Number 55-04.

The *Groundwater Assessment Monitoring Work Plan* was submitted in accordance with 15A NCAC 13B .0545 and in response to volatile organic compounds exceedances within groundwater monitoring well MW-4.

Proposed activities to determine the nature and extent of the contamination include the following:

- One additional groundwater monitoring well (MW-5) will be installed downgradient of groundwater monitoring well MW-4;
- Headspace readings will be collected within groundwater monitoring wells MW-1, MW-2, MW-3, and MW-4;
- Geochemical indicator parameters will be collected from groundwater monitoring wells MW-1, MW-2, MW-3, MW-4, and MW-5; and
- The Appendix II list of constituents will initially be analyzed at groundwater monitoring wells MW-4 and MW-5.

As a result, *Groundwater Assessment Monitoring Work Plan* is approved as described. If you have any questions or concerns regarding this letter, please feel free to contact me at 828.296.4706 or by email at jaclynne.drummond@ncdenr.gov. Thank you 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, Field Operations Branch Head
 Deb Aja, Western District Supervisor
 Bill Wagner, Environmental Senior Specialist
 Larry Frost, Permitting Branch Engineer
 Perry Sugg, Permitting Hydrogeologist
 Steve Jett, Jett Environmental Consulting