



North Carolina Department of Environment and Natural Resources

Pat McCrory  
Governor

Donald R. van der Vaart  
Secretary

April 1, 2015

Mr. Simon Lobdell, P.E.  
City of Durham Department of Water Management  
1600 Mist Lake Drive  
Durham, NC 27704

Re: Surface Water Samples  
City of Durham Closed Municipal Solid Waste Landfill, Permit #32-01

Dear Mr. Lobdell:

The Solid Waste Section (Section) has reviewed the analytical results of surface water samples collected following the February 10, 2015 inspection of the facility. Item # 29 from the inspection states:

“During the inspection the stormwater pipe inlet and adjacent area were inspected. The source of the foam-like substance could not be verified. The inspection was conducted during inclement weather. The stormwater entering the stormwater pipe inlet appeared to be surface runoff. Mr. Lobdell was asked to take a sample of the liquid at the stormwater pipe outlet to confirm results from the 2013 event and provide the results to Ervin Lane, Compliance Hydrogeologist - SWS.”

The analytical results of the surface water sample collected from the stormwater pipe inlet did not indicate landfill leachate impact so additional assessment in that area is not necessary.

Item #33 from the inspection report stated:

“A foam-like substance was observed in one of the rills. The source of the foam-like substance could not be verified. The inspection was conducted during inclement weather. Mr. Lobdell was asked to take a sample of the liquid and provide results to Ervin Lane, Compliance Hydrogeologist - SWS.”

The analytical results of the surface water collected from the rill also did not indicate landfill leachate impact and additional assessment will not be necessary.

Based on the laboratory analytical results, the Section will not require additional assessment of the two areas based on observations made during the February 10, 2015 facility audit. Please contact me at (919) 707-8288 or by e-mail at [ervin.lane@ncdenr.gov](mailto:ervin.lane@ncdenr.gov) if you have any questions or concerns regarding this letter. Thank you in advance for your cooperation.

Sincerely,

Ervin Lane  
Compliance Hydrogeologist  
Solid Waste Section

cc: Dusty Reedy, P.G., Golder Associates NC, Inc.  
Jason Watkins, Field Operations Branch Head  
Deb Aja, Western District Supervisor  
John Patrone, Environmental Senior Specialist  
Solid Waste Central Files