



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

Beverly Eaves Perdue  
Governor

Dexter R. Matthews  
Director

Dee Freeman  
Secretary

May 17, 2011

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

Re: Monitor Well Network Revision Request  
City of Durham Closed Municipal Solid Waste Landfill, Permit #32-01

Dear Mr. Lobdell:

The Solid Waste Section (Section) has reviewed the *Request to Revise the Monitor Well Network* for the City of Durham Closed MSWLF prepared by S&ME, Inc. The monitoring network consists of 14 monitor wells/piezometers and four surface water sample locations. Six monitor wells/piezometers are utilized for groundwater elevation calculations and groundwater samples are collected from the eight remaining monitor wells/piezometers. S&ME, Inc. concluded that several nonessential monitor wells are located upgradient and sidegradient of the landfill in the *November 2010 Semi-Annual Groundwater and Surface Water Monitoring Report* and subsequently requested to discontinue sampling monitor wells MW-4R, MW-7R, and MW8.

The Section approves discontinued sampling of monitor wells MW 7R and MW-8. Groundwater samples should continue to be collected from MW-4R and depth to water measurements should be recorded from MW-7R and MW-8 during semiannual monitoring events.

Please contact me at (919) 508-8516 or by e-mail at [erwin.lane@ncdenr.gov](mailto:erwin.lane@ncdenr.gov) if you have any questions or concerns regarding this letter. Thank you in advance for your cooperation in this matter.

Sincerely,

Ervin Lane  
Compliance Hydrogeologist  
Solid Waste Section

cc: Samuel P. Watts, P.G., S&ME, Inc.  
Mark Poindexter, Field Operations Branch Head  
Jason Watkins, Central District Supervisor  
Christine Ritter, Hydrogeologist  
Chris Marriot, Environmental Senior Specialist  
Solid Waste Central Files