



North Carolina Department of Environment and Natural Resources

Dexter R. Matthews, Director

Division of Waste Management

Michael F. Easley, Governor  
William G. Ross Jr., Secretary

October 3, 2008

Mr. Johnny Beal  
Wake County  
Solid Waste Management Division  
P.O. Box 550  
Raleigh, NC 27602

Re: *North Wake Unlined Landfill Request for Reductions in Water Quality Monitoring*  
North Wake Unlined Landfill, Wake County, Permit #92-09

Dear Mr. Beal:

The Solid Waste Section has reviewed the *August 5, 2008 North Wake Unlined and Feltonville Landfills Request for Reductions in Water Quality Monitoring* submitted on behalf of Wake County by CDM. CDM is requesting that those groundwater monitoring wells at each landfill (both North Wake Unlined Landfill and Feltonville Landfill) that either never had SVOC, Herbicide, or Pesticide detections, or have not had those detections within the last four sampling events no longer be sampled for those specific parameters. In addition, CDM is requesting that those groundwater monitoring wells that continue to have Appendix II detections only be sampled for the respective detected Appendix II constituents during the Spring semiannual groundwater monitoring events at each landfill, and Appendix II VOCs and Metals will continue to be sampled and analyzed during all future semiannual groundwater monitoring events. Groundwater monitoring wells at each landfill that have had detected constituents reported as "J" values on more than one occasion will continue to be sampled for SVOCs, Herbicides, and Pesticides.

The groundwater compliance monitoring network for the North Wake Unlined Landfill includes: MW-5R, MW-6, MW-6D, MW-7, MW-8, MW-8D, MW-9, MW-10, MW-10D, MW-11, MW-11D, MW-22, MW-23, MW-23D, MW-24, MW-28, MW-28D, MW-29D, MW-30, MW-31, MW-31D, MW-32, TB-1A, TB-1A Deep, MW-33, MW-34, MW-34D, MW-35, MW-36S (to be installed), and MW-36D (to be installed). The extended parameter list includes Appendix II VOCs and Metals, Appendix II SVOCs, Pesticides, and Herbicides. As a result, the modifications requested in the parameter list are approved as described with two exceptions. Monitoring well MW-5R should include Pesticides for the 4,4-DDT detection in 2008, and monitoring well MW-28D should include Appendix II SVOCs for the bis(2-ethylhexyl) phthalate MCL exceedances. Please record all changes in the water quality monitoring plan for the North Wake Unlined Landfill. Please call me at (919) 508-8500 if you have any questions or concerns regarding this letter.

Sincerely,

Jaclynne Drummond  
Hydrogeologist  
Environmental Compliance  
Solid Waste Section

cc: Mat Colone, CDM  
Mark Poindexter, Field Operations Supervisor  
Jason Watkins, Central District Supervisor  
Brad Bailey, Environmental Senior Specialist  
Solid Waste Central Files