

9606-MSWLF-1998



North Carolina Department of Environment and Natural Resources

Dexter R. Matthews, Director

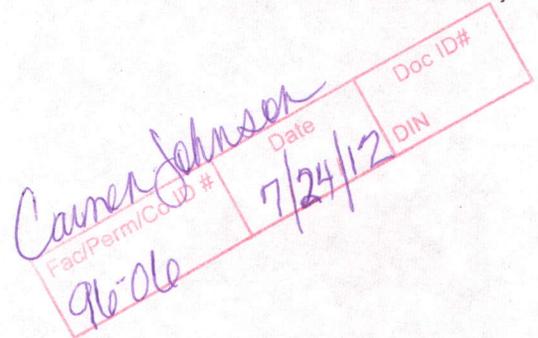
Division of Waste Management

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

March 19, 2007

Mr. Lloyd Cook
Solid Waste Director
460-B South Landfill Road
Dudley, North Carolina 28333

Re: Semi-annual Leachate Sampling at MSW Landfills
Wayne County MSW Landfill, Permit Number 96-06



Dear Mr. Cook,

The Solid Waste Management Rules in the "Operational Requirements For MSWLF Facilities" require in Rule .1626(12)(c) that "The owner or operator of a MSWLF unit designed with a leachate collection system must establish and maintain a leachate management plan which ... includes... Semi-annual leachate quality monitoring". The Memorandum of November 13, 1996, (copy enclosed), that went to all MSW Landfill Owner/Operators provided guidance on Leachate Monitoring Requirements. It is the understanding of the Solid Waste Section that Wayne County is currently out of compliance with the Rule requiring semi-annual leachate quality sampling.

It is the responsibility of the MSW Landfill Owner/Operator to provide a monitoring plan that is certified by a Professional Geologist or Professional Engineer. This monitoring plan then must be approved by the Division of Waste Management. Wayne County will need to have their Environmental Consultant prepare a modification to their monitoring plan proposing a suitable sampling plan for leachate as required by the Rules. This revised monitoring plan for leachate sampling must be submitted as soon as possible in order to allow time for review and approval by the Solid Waste Section prior to Wayne County's next scheduled water quality sampling event.

Taking leachate samples from the leachate pond is not adequate, since these samples would be diluted with surface water. The leachate samples should be taken as close to the source (leachate sumps) as possible in order to provide the most representative samples.

If you, your staff, or your environmental consultant have any questions regarding this letter, please contact me at (919)-508-8507.

Sincerely,

Bobby Lutfy, Hydrogeologist
Solid Waste Section

Attachment: 11-13-96 Memo

cc: Brad Bailey, Mark Poindexter, Jackie Drummond, Toni Jones