

Division of Waste Management

Michael F. Easley, Governor
William G. Ross Jr., Secretary
Dexter R. Matthews, Director



February 21, 2002

Mr. John Sugg
Lenoir County Solid Waste Director
Courthouse, Box 3289
Kinston, North Carolina 28501

Re: Adjustments to Water Quality Monitoring Requirements - Lenoir County Closed Landfill
(Permit # 54-03)

Dear Mr. Sugg:

Municipal Engineering Services Company, P.A. (MESCO) on behalf of Lenoir County has requested a variance in the groundwater monitoring program at the above referenced landfill. Specifically, a request was made to: (1) substitute wells MW-11 and MW-12 for MW-8 and MW-10 respectively as part of the compliance monitoring network; and (2) change the monitoring status for the entire landfill from assessment monitoring back to detection monitoring.

Monitoring Well Substitution

The Solid Waste Section approves the substitution of wells MW-11 and MW-12 for wells MW-8 and MW-10. Monitoring wells MW-8 and MW-10 will not have to be sampled semiannually. However both wells must be maintained in the event conditions change and sampling must be resumed.

Change in Monitoring Status

Previously, approval was given to remove monitoring wells MW-1, MW-3, MW-6, and MW-9 from Appendix II sampling requirements. Currently wells MW-4, MW-8, MW-10, MW-11, and MW-12 remain in assessment monitoring. Based on the monitoring data that has been submitted and allowed by 15A NCAC 13B.1634 (e) the Solid Waste Section approves the return of MW-4, MW-11, and MW-12 to detection monitoring for the Appendix I list of parameters.

Although approval was given to allow detection monitoring for MW-3, the August 11, 2001 sampling results will require it to be returned to assessment monitoring because of the detection of 1,1-dichloroethane. Despite the fact that the concentration is less than the groundwater standard, it is statistically greater than the background concentration and must again be sampled for the Appendix II list of parameters. For the entire landfill to be able to return to detection monitoring as requested, it must meet the conditions of Rule 15A NCAC 13B .1634 (e), and

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according to the monitoring data, this has not happened at the Lenoir County Landfill. Consequently, the landfill continues to be in assessment monitoring.

Summary

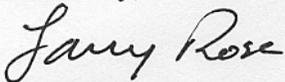
In summary, the Solid Waste Section approves the following changes in the water quality monitoring program at the Lenoir County Landfill:

1. Monitoring wells MW-8 and MW-10 will be removed from sampling requirements;
2. Monitoring wells MW-1, MW-4, MW-6, MW-9, MW-11, and MW-12 will return to a detection monitoring program and be sampled for the Appendix I list of parameters;
3. Monitoring well MW-3 will return to assessment monitoring and be sampled for the Appendix II list of parameters when appropriate.

Approval for these changes is based compliance with Rule .1634 (e). Failure to comply with this rule may result in the return of affected wells to assessment monitoring requirements.

Thank you for your cooperation with this matter. If you have any questions, please call me at (919) 733-0692, extension 257.

Sincerely,



Larry Rose
Environmental Compliance
Solid Waste Section

cc: James Coffey- Chief, Solid Waste Section
Mark Fry - Eastern District Supervisor
John Crowder - Waste Management Specialist
Cheryl Marks - Hydrogeologist