



North Carolina Department of Human Resources
Division of Health Services
P.O. Box 2091 • Raleigh, North Carolina 27602-2091

James G. Martin, Governor
David T. Flaherty, Secretary

September 1, 1987

Ronald H. Levine, M.D., M.P.H.
State Health Director

MEMORANDUM

TO: Mr. Steve Moffat
Health Department Building

FROM: M.L. Babuin, P.G.
Solid Waste Hydrogeologist

RE: Ground-water Monitoring Program

Per our recent phone conversation enclosed are the letters concerning the Ground-water Monitoring Program. To date, this office has not received written confirmation as requested regarding the tentative annual sampling date. Please excuse the minor oversight from this agency in mailing this material to your County Manager's Office and not to your attention directly. It was assumed that the correspondence would be routinely passed along the normal chain-of-command, however, future mailings will be forwarded directed to your office.

If I may be of further assistance please advise.

Warmest regards,

A handwritten signature in cursive script, appearing to read "M.L. Babuin".

Michael L. Babuin, P.G.
Solid Waste Hydrogeologist
Solid & Hazardous Waste Management Branch
Environmental Health Section

MLB/mj



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State of North Carolina
Department of Natural Resources and Community Development

Division of Environmental Management

512 North Salisbury Street • Raleigh, North Carolina 27611

James C. Martin, Governor
S. Thomas Rhodes, Secretary

R. Paul Wilms
Director

August 27, 1987

M E M O R A N D U M

TO: William L. Meyer, Head
Solid and Hazardous Waste Management Branch
Division of Health Services, DHR

FROM: R. Paul Wilms 

SUBJECT: Status Report
Notice of Violation of Groundwater Standards
Bladen County Landfill
Elizabethtown, Bladen County

The subject Notice of Violation (NOV) was issued May 16, 1986 as a result of groundwater monitoring information which indicated contravention of groundwater standards. The groundwater monitoring had been reviewed as part of a request to evaluate a proposed expansion of the landfill. Since the monitoring data showed violations, the Division of Environmental Management recommended in a memo dated March 25, 1986 that the expansion request be denied.

In response to the NOV, Bladen County retained Soils and Materials Engineering (S & ME) to evaluate the existing wells and determine the extent of the contamination. In order to do this, it was necessary to install additional monitoring wells. The permit for these wells was issued September 2, 1986.

The findings of the S & ME investigation were apparently completed during October, 1986; however, they were not submitted to the Division of Environmental Management until April 3, 1987. It is not clear whether this was due to oversight on the part of S & ME, Bladen County, or a combination of the two.

On April 8, 1987 correspondence was sent to Bladen County indicating deficiencies in the report that had been submitted. A response to these deficiencies was received July 1, 1987.

Pollution Prevention Pays

P.O. Box 27687, Raleigh, North Carolina 27611-7687 Telephone 919-733-7015

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William L. Meyer
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The most recent submittal is currently under review by the central office. The regional office review has been completed and correspondence concerning unresolved deficiencies will be sent to Bladen County when the central office completes its review.

It is encouraging to note that the information submitted thus far appears to indicate that groundwater near the east perimeter of compliance appears to only be high in iron. This may be a natural phenomenon which can be resolved when analysis of groundwater from the upgradient direction (relative to groundwater flow) is furnished. One additional side of the landfill appears to need evaluation to confirm that groundwater is an acceptable quality.

If you need additional information on this matter, please do not hesitate to contact me.

RPW:dm

cc: S. Thomas Rhodes
Ronald H. Levine
Perry Nelson
Fayetteville Regional Office