

North Carolina
Department of Environment and Natural Resources

Division of Waste Management

Michael F. Easley, Governor
William G. Ross Jr., Secretary
William L. Meyer, Director



March 6, 2001

Mr. Al Quarles
S&ME, Inc.
P.O. Box 7668
Charlotte, N.C. 28241

RE: 01/21/2001 Response To Comments, Hydrogeologic Investigation,
Stormwater Diversion Ditch, CMS Landfill V (Permit # 13-04)

Dear Mr. Quarles,

The Solid Waste Section has reviewed the above referenced "Response To Comments" for the Stormwater Diversion Ditch at the CMS Landfill V. It is still not very clear what impact the ditch has had on the hydrology of the area. The information available is somewhat limited. Some of the information is not presented very clearly, making it difficult to interpret. There is little evaluation or assessment of the data, and virtually nothing is provided in the way of conclusions.

I have spent quite a bit of time researching a number of documents relating to the hydrology of the site in order to try to make some sense of the possible effects the drainage ditch may have had on the hydrology of the area. Although it is difficult to make any definite conclusions, there does not appear to have been any dramatic changes in the hydrology, nor does there appear to have been any critical problems identified. Therefore the "Options for Future Actions" proposal of piping the diversion ditch appears to be a reasonable corrective action to attempt to restore the area hydrology, to the extent possible, to the pre-ditch conditions. A plan should be prepared that provides text and drawings that provide the engineering details of the proposal to pipe the ditch.

After this engineering plan has been reviewed and approved by our Section Permitting Engineer, then the plan can be implemented. This plan should be prepared as soon as possible, so it can be evaluated during our review of the "Vertical Expansion" Application.

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