



North Carolina Department of Environment and Natural Resources

Dexter Matthews, Director

Division of Waste Management

Beverly Eaves Perdue, Governor
Dee Freeman, Secretary

January 16, 2009

Mr. Danny Bagley
Edgecombe County Solid Waste Manager
P.O. Box 10
Tarboro, NC 27886-0010

Re: Corrective Action Plan Review
Edgecombe County Landfill, Permit #33-01

Dear Mr. Bagley:

The Solid Waste Section has reviewed the *Corrective Action Plan (CAP)* submitted on behalf of Edgecombe County by S&ME, Inc. for the Edgecombe County Landfill. Contaminant concentrations exceeding North Carolina groundwater quality standards have been detected at the facility and as a result, the Solid Waste Section required the implementation of a remedial strategy in order to comply with Rule 15A N.C. Administrative Code 13B Section .0547 (4) (c) and continue operating the C&D disposal unit over the MSW facility. S&ME, Inc. has proposed the use of in-situ isolation coupled with monitored natural attenuation to remediate contaminated groundwater at the facility. The components of the proposed in-situ isolation remedy include installing an upgradient groundwater barrier wall, maintaining a consistent contour with pre-1998 waste area, increasing the slope of the closed MSW area, and implementing stormwater improvements on the western half of the landfill. The Solid Waste Section approves the selected remedy and CAP. Edgecombe County should proceed with its implementation as outlined in the corrective action schedule and in accordance with the following condition.

S&ME proposed to install additional background and compliance monitor wells to replace certain existing monitor wells and piezometers that confirmed groundwater contamination during the Nature and Extent Study. The existing and proposed wells will make up the new monitoring network of: MW-1A, MW-3B, MW-4, MW-5, MW-6, MW-9A, MW-11, MW-12, MW-13, MW-14, MW-15, and MW-16. S&ME proposed to monitor all wells on a semiannual basis for Appendix I constituents and Cobalt. In addition, monitor wells MW-1A, MW-5, MW-6, MW-11, and MW-13 were proposed to be sampled for MNA parameters on an annual basis. In order to establish comprehensive baseline conditions, all wells within the monitoring network should be sampled for the full suite of MNA parameters for four consecutive monitoring events. At the conclusion of the baseline MNA sampling period, the Section will determine which monitor wells need to continue being monitored for MNA parameters and if modifications to the MNA parameter list and sampling frequency are necessary.

In accordance with 15A N.C. Administrative Code 13B Section .1637 (b), Edgecombe County will be required to submit a contingency plan for review and approval if the selected remedy proves to be ineffective.

Please contact me at (919) 508-8516 or by e-mail at ervin.lane@ncmail.net if you have any questions or concerns regarding this letter. Thank you in advance for your anticipated cooperation in this manner.

Sincerely,



Ervin Lane
Hydrogeologist
Environmental Compliance
Solid Waste Section

cc: Sam Watts, S&ME, Inc.
Mark Poindexter, Field Operations Branch Head
Ed Mussler, Permitting Branch Head
Donna Wilson, Environmental Engineer
Ming-Tai Chao, Environmental Engineer
Dennis Shackelford, Eastern District Supervisor
Ben Barnes, Environmental Senior Specialist
Solid Waste Central Files