

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



April 3, 2001

Mr. Thomas J. Donnelly  
General Electric Capital Corporation  
201 High Ridge Road  
Stamford, Connecticut 06927

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Re: Water Quality Assessment/ Remediation Measures Required at the United Metals Recyclers Landfill, Kernersville, North Carolina.

Mr. Donnelly,

Pursuant to N.C.G.S. 130A-19, Title 15A N.C. Administrative Code 13B .0503 (2) (c) iii and (d) (iv), General Electric Capital Corporation, as possessor of the UMR landfill, must take immediate action to maintain the cap and erosion control features and correct the exceedances of the State's Groundwater Quality Standards at the compliance boundary established at the UMR industrial landfill. The Solid Waste Section has received and reviewed the phase I water quality assessment proposals dated November 3, 2000, submitted on behalf of United Metals Recyclers by W.Z. Baumgartner and Associates, Inc. A site visit was conducted by my staff March 8, 2001. After reviewing the November 3, 2000 proposals and conducting the site visit, the following actions and/or revisions to the plan are required:

- 1) Please propose a surface water sampling plan for the facility. After approval is granted implementation of the plan shall begin at the next routine semi-annual sampling event.
- 2) There have been considerable improvements made to the northern slope of the landfill and access to that area since my staff's previous visit to the site. Because of the improved access to this area, it may now prove to be more beneficial to the UMR landfill assessment to revise the proposed location of additional monitoring wells to be nested with the existing wells MW-3 and MW-4 on the north side of the landfill. Screened at the proper depth, that location would further delineate the affected groundwater and provide more data on the vertical flow of groundwater in that area.
- 3) Monitoring well MW-2 could not be located. Sufficient markings (flagging, signage, etc.) around the well location and maintained access to the well is required.
- 4) The following repairs are required for monitoring wells MW-3 and MW-4: please replace the concrete pads for both wells and attach permanent identification tags as

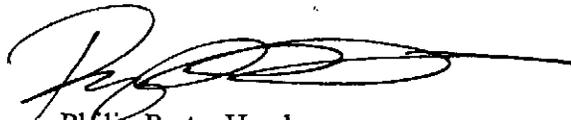
1646 Mail Service Center, Raleigh, North Carolina 27699-1646  
Phone: 919-733-4996 \ FAX: 919-715-3605 \ Internet: www.enr.state.nc.us

required in the NCAC 15A 2C Well Construction Standards.

- 5) The abandonment of existing monitoring wells will be discussed at the conclusion of the assessment, once you have had the opportunity to review the data with the Section.
- 6) During the site visit several areas of erosion and small failures were observed on the slopes of the landfill. Small erosional features were observed on the north slope of the fill and several small failures were observed on the east slope. Submit a plan and timeframe to correct soil erosion, and establishment of vegetative cover as well as a schedule of maintenance to include regular inspections.

Please respond to the above within 30 days. If you have any questions, please call Mark Poindexter at 919-733-0692, extension 261.

Sincerely,



Philip Prete, Head  
Field Operations  
Solid Waste Section

c: Mark Poindexter  
Brent Rockett  
Wendy Simmons  
central file