



North Carolina Department of Environment and Natural Resources

Dexter R. Matthews, Director

Division of Waste Management

Michael F. Easley, Governor
William G. Ross Jr., Secretary

July 20, 2006

Jimmie D. Woodie, P.E.
Municipal Engineering Services Company, P.A.
PO Box 97
Garner, NC 27529

RE: Permit Application -- Construction And Demolition Landfill -- Phase 3
Iredell County
Permit No. 49-03

Dear Mr. Woodie

The above referenced permit application for the proposed Phase 3 expansion of the Construction and Debris Landfill, submitted by Municipal Engineering Services Company, P.A., on behalf of Iredell County is being reviewed by the Solid Waste Section (SWS) for hydrogeologic and engineering concerns. There are several items in the application that require clarification and/or revision before the review can be completed. Please respond to the following questions and comments:

*Section 2- Written Report – (i)
Page 5*

Part (i) of the Written Report states the following: *“A survey plat and deed for this property has been included in this section”*.

A copy of the survey plat and deed could not be located in the application or I overlooked it during review of the application. Please provide copie(s) or clarification.

Also, depict on this map or an additional map the acreage of the footprint for Phase 3.

*Section 3 – Operational Plan for Iredell County – 3
Page 12*

Page 12 of the Operational Plan mentions, in part, the frequency of surface and ground-water sampling.

Additional ground-water well(s) and surface water sampling point(s) may be required to monitor any potential impacts to surface water and groundwater from Phase 3 landfill operations. Submit a written discussion and possible revised Water Quality Plan (that includes Phase 3) explaining the reasoning and possible necessity of additional ground-water wells and surface water sampling points.

Also, provide the most current map, depicting the location of existing and proposed locations of ground-water sampling wells and surface water sampling points associated with this phase, and adjacent phases.

If additional ground-water and surface sampling points are required, then installation of well(s) and sampling will be required before a Permit to Operate is issued.

The drawings submitted with the application do not depict locations of borings, piezometers/wells inside the waste boundary of proposed Phase 3. Please clarify by stating whether or not previous existing wells, piezometers, and borings have been abandoned (sealed) correctly within the proposed footprint of proposed Phase 3.

Please note the comments and questions stated above and provide additional information and revisions as needed. If you and your staff have any questions, or wish to schedule a meeting to discuss the items referenced in this letter, please call me at 919-508-8524.

Sincerely,



Brian Wootton
Hydrogeologist
Solid Waste Section

cc: Ed Mussler
Ethan Caldwell, P.G.
Central File

Solid Waste Section
Municipal Engineering