

State of North Carolina
Department of Environment,
Health and Natural Resources
Division of Solid Waste Management



James B. Hunt, Jr., Governor
Jonathan B. Howes, Secretary
William L. Meyer, Director

April 29, 1996

Mr. Wayne Sullivan
Municipal Engineering Services
P.O. Box 97
Garner, North Carolina 27529

RE: Additional Hydrogeologic Review Of The Transition Plan For The
Alexander County MSW Landfill, Permit # 02-01

Dear Mr. Sullivan,

The Solid Waste Section Hydrogeologic Unit has completed a review of the GAI January 29, 1996, and MES April 19, 1996, revisions to the Transition Plan for the Alexander County Landfill. There are still several items that appear to need revisions. Please provide responses to the following comments:

LOCAL AREA STUDY

- The Summary Report states "There are two houses with wells within 2000' of the boundary". However in the Notes for the 2000' Perimeter Map and Aerial Photo it states "There are no private residences within the 2000' perimeter". There is no indication regarding wells within the study area on the 2000' Perimeter Map or Aerial Photo. The 2000' Perimeter Map shows two residences within the study area but does not indicate any wells. The Aerial Photo indicates two wells outside the study area, but shows no wells or residences within the study area. Please make the necessary corrections to accurately and consistently reflect the actual conditions in the vicinity of the landfill site.

- What is the source of water for the landfill? Is there an on-site water supply well? If so, what is the location and design specifications for this well? If so, the location of this well should be indicated on the Local Area Study Maps.

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WATER QUALITY MONITORING PLAN

- The new Plate 1 included in the January 29, 1996, Responses To Review Comments as Enclosure 1 is different from either of the two previous submittals. The response indicates "A drawing showing the facility boundaries as described in the landfill permit is in Enclosure 1". However Enclosure 1 shows facility boundaries that are outside the boundaries permitted in the most recent landfill permit. The most recent Permit Amendment added 4.12 acres to the previously permitted acreage. This Permit Amendment did **not** include all of the 104.071 acres as included in the legal description submitted previously. The Transition Plan must include a Plate 1 that accurately shows the facility boundaries as approved in the most recent Permit Amendment of September 5, 1991. (I think this is the second Plate 1 as included in your May 5, 1995, submittal.)

No additional review of the Sampling Reports will be done as part of the Transition Plan review. Further evaluation of the Sampling Reports will be done by our Groundwater Compliance Unit.

Please provide the necessary revisions to the Transition Plan as soon as possible so the Solid Waste Section can complete our technical review. If you have any questions regarding this letter, please contact me at (919) 733-0692, extension 258.

Sincerely,



Bobby Lutfy
Hydrogeologist
Solid Waste Section

cc: Susan Leistiko, Solid Waste Section