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OPERATION/CONSTRUCTION MANAGERS

**Municipal
Services**



**Engineering
Company, P.A.**

PO Box 97, Garner, North Carolina 27529 (919) 772-5393

PO Box 349, Boone, North Carolina 28607 (828) 262-1767

September 15, 1998

Mr. Mark Poindexter, Hydrogeologist
Solid Waste Section
DEHNR
401 Oberlin Road
Raleigh, NC 27611.7687



RE: Alexander County Landfill

Dear Mr. Poindexter:

I am writing in response to your letter concerning the implementation of groundwater assessment and corrective action for the above referenced landfill. The County has additional property that will allow us to move a part of the monitoring system approximately 150 feet from the waste boundary.

The section of the landfill that received waste after October 9, 1991 is presently being capped. The remainder of the landfill is receiving construction and demolition waste that will eventually increase the slopes.

We are proposing that new monitoring wells (Nos 10 thru 13) be installed in the direction of ground water flow approximately 150 feet from the waste boundary. Once the new wells have been installed they will be sampled for Appendix I constituents to determine if the contaminant plume extends beyond the compliance boundary. If no Appendix I constituents are detected above ground water standards in the new wells, the old wells (Nos 2,3,6 and 8) will no longer be sampled and analyzed.

Please find enclosed a copy of a map that depicts the closure area and the location of the new monitoring wells. We understand this is a self implementing program; however, we would be interested in any input you might have. If you have any questions or need additional information, please do not hesitate to call.

Sincerely yours,
MUNICIPAL ENGINEERING SERVICES CO., PA

D. Wayne Sullivan

DWS:djr

Enclosure

cc: Charles Mashburn



CONSTRUCTION SCHEDULE:
 1. APPROVE THE SITE TO CONSTRUCTION
 2. BEGIN CONSTRUCTION OF ALL EXISTING MONITORING WELLS
 3. BEGIN CONSTRUCTION OF NEW MONITORING WELLS AS SOON AS POSSIBLE
 4. COMPLETE MONITORING WELLS AS SOON AS POSSIBLE
 5. COMPLETE MONITORING WELLS AS SOON AS POSSIBLE
 6. COMPLETE MONITORING WELLS AS SOON AS POSSIBLE
 7. COMPLETE MONITORING WELLS AS SOON AS POSSIBLE
 8. COMPLETE MONITORING WELLS AS SOON AS POSSIBLE

DRAWING NO.	R1
SHEET NO.	1 OF 1
DATE	9/17/98
BY	L. HAMPTON
REV.	
DESCRIPTION	PROPOSED MONITORING WELL RELOCATIONS
SCALE	1" = 100'
DATE	9/17/98
DRAWN BY	L. HAMPTON
CHECKED BY	M. SULLIVAN
PROJECT NUMBER	G98093

**MUNICIPAL SOLID WASTE
 LANDFILL FACILITY
 CAP CLOSURE PLAN
 ALEXANDER COUNTY, NC**

Municipal Services

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