



NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF WASTE MANAGEMENT

JAMES B. HUNT JR.
GOVERNOR

BILL HOLMAN
SECRETARY

WILLIAM L. MEYER
DIRECTOR

April 4, 2000

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Allen M. Hardison
Executive Director
Coastal Regional Solid Waste Management Authority
Post Office Box 128
Cove City, North Carolina 28523

Reference: Permit Number 25-04
Borrow Area Permit Modification

Mr. Hardison:

The Division of Waste Management, Solid Waste Section (Section) has completed review of CRSWMA's request to begin borrow operations in an area that is anticipated to be removed from the present MSW facility. The request to utilize this area for borrow is approved subject to the following conditions.

Approved Documents

CRSWMA Existing Tuscarora Landfill Borrow Area Number 3, Drainage, Erosion, and Sedimentation Control Plan, dated 1/26/2000, prepared by C. T. Clayton, PE.

Buffers

The limits of the active borrow materials from the borrow area must maintain a 300 hundred foot buffer from the waste limits of the closed Craven County landfill and the IRL landfill.

Geologic Requirements

The confining layer that separates the upper aquifer from the lower aquifer shall not be breached.

Additional monitoring wells are required since pumping of the groundwater is required for removal of the soil materials. A licensed geologist will submit a plan for the depths and locations of the monitoring wells to the Section for review. The wells shall be installed within sixty days of the commencement of the borrow activities. In order to provide sufficient

Date	4/4/00	# of pages	2
From	WILLIAM SESSOMS		
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To	ALLEN HARDISON		
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time for review and approval prior to well installation, the monitoring plan shall be submitted to the Section 30 days from the date this approval letter is received by CRSWMA.

An initial sampling of the additional wells will be completed to determine the quality of the groundwater. Thereafter, sampling will coincide with the existing sampling schedule.

Monitoring well installation shall follow the NCAC 15A protocols and the water sampling shall follow the 15A NCAC 13B .1600 rules.

The groundwater pumping rate and frequency shall be supplied with the monitoring well installation plan.

Future Use

Due to the hydro geologic impacts of utilizing this area for borrow material, this area will no longer be considered geologically suitable for utilization as a waste disposal area.

If you have any questions, please do not hesitate to contact the Section for assistance.

Thank you,


James C. Coffey
Supervisor, Permitting Branch

copy: Cheryl Marks - DWM
Bobby Nelms - DWM
Jim Barber - DWM
Bill Sessoms - DWM
Central Files
C. T. Clayton, PE



NORTH CAROLINA DEPARTMENT OF
ENVIRONMENT AND NATURAL RESOURCES

September 7, 2000 DIVISION OF WASTE MANAGEMENT

Allen Hardison
CRSWMA
Tuscarora, North Carolina

JAMES B. HUNT JR.
GOVERNOR

RE: General conditions and site specific requirements for the Proposed Borrow
Area 3, CRSWMA, Tuscarora Landfill, Permit Number 25-04

BILL HOLMAN
SECRETARY

Dear Mr. Hardison,

WILLIAM L. MEYER
DIRECTOR

The Solid Waste Section (Section) notified CRSWMA Regional Landfill on March 30, 2000 of site specific requirements in order to utilize the proposed borrow area 3. Requirements include buffer, geologic considerations, and the loss of future development in the proposed borrow area number 3.

The Section has not received a formal submittal that addresses the following: Maintain a 300-foot buffer from the waste limits of the closed Craven County landfill and the IRL landfill. Preserve the confining layer that separates the upper aquifer from the lower aquifer. Additional monitoring wells since pumping of the groundwater is required for removal of the soil materials. The groundwater pumping rate and frequency shall be supplied with the monitoring well installation plan.

C. T. Clayton, P. E. submitted a set of drawings on March 16, 2000. Upon review of the drawings the Section requested additional information to address groundwater concerns. Draper Aden Associates on May 17, 2000 faxed a draft report to address groundwater requirements. The Section reviewed the submittal and then discussed the remaining questions during a telephone conversation with Rip Ford of Draper Aden Associates. A revised draft proposal was faxed on June 19, 2000 to fulfill the Sections requirements. A formal report has not been submitted to the Section for approval.

The Section is inquiring if the proposed borrow area number 3 is still needed since there has been no additional correspondence. Please reply so the proposed borrow area 3 may either be reviewed for final approval or canceled because it is no longer required.

Sincerely,

Cheryl Marks
Hydrogeologist
Solid Waste Section

Cc: James Coffey
Bobby Nelms
Bill Sessoms
C. T. Clayton



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