

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

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



September 24, 1996

Mr. Larry Hathaway
Edgecombe County Solid Waste Supervisor
201 St. Andrews Street
Tarboro, NC 27886

Fac/Perm/Co ID #	Date	Doc ID#
33-01 ming	7 11 1996	DIN 14398

Re: Full Approval of the Transition Plan for the Edgecombe County MSW Landfill, Permit Number 33-01

Dear Mr. Hathaway:

The Division of Waste Management has completed its review of the Transition Plan for the referenced landfill submitted by the consultant, The Wooten Company, on behalf of the owner and operator, Edgecombe County.

Rule .1603(a)(4)(A) of the Solid Waste Management Rules codified at 15A NCAC 13B requires the owner and operator of an existing MSWLF unit to submit a Transition Plan application for continuing operation and closure of the existing MSWLF unit by April 9, 1994. Rule .1617(d) requires that the plan contain: an operation plan in accordance with Rule .1625, a closure and post-closure plan in accordance with Rule .1629, a water quality plan in accordance with .1623(b)(3), and a report that contains a schedule for closure of the existing MSWLF unit and, if necessary, submittal of an application for a new facility, a lateral expansion or permit renewal.

Rule .1603(d)(2) requires the Division to establish a review schedule for the Transition Plan applications which determines the adequacy of all the plans by October 9, 1996. The rule allows the Division to issue full or partial approvals and to determine the schedule for closure of the existing MSWLF unit based on its review of the complete transition plan application.

In accordance with Rule .1603(d)(2), the Division has completed its review of the submitted application as amended through September 18, 1996, and hereby issues full approval of the Transition Plan for the referenced landfill.

The approved Transition Plan shall be effective through December 1997, or until the permitted contours are reached. Rule .1625(b)(3)(C) requires that operation drawings illustrate annual phases of development which are consistent with the minimum and maximum closure slope requirements. In accordance with this rule and Rule .1627(c)(10)(A), the existing unlined MSWLF unit shall be operated in such a manner as to cease receiving solid waste on or before

P.O. Box 27687,
Raleigh, North Carolina 27611-7687
Voice 919-733-4996



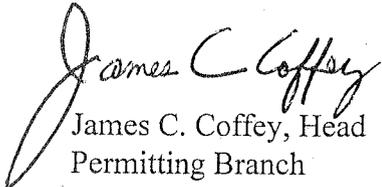
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Mr. Larry Hathaway
Edgecombe Co. MSWLF Transition Plan Approval
September 24, 1996
Page 2

January 1, 1998, regardless of the approved final contours.

If there are any questions or comments, please contact Greg Eades @ (919) 733-0692, extension 344.

Sincerely,


James C. Coffey, Head
Permitting Branch
Solid Waste Section

cc: Dexter Matthews, SWS
Terry Dover, SWS
Ben Barnes, SWS
Todd Tripp, P.E., The Wooten Company



Engineering

Planning

Architecture

September 18, 1996

Mr. Bobby Lutfy
Hydrogeologist
Solid Waste Section
401 Oberlin Road
Suite 150
Raleigh, NC 27605

Re: Hydrologic Review of the
Amended Transition Plan
Edgecombe County MSWLF
County of Edgecombe, NC

Dear Mr. Lutfy:

301 W. 14th Street
Suite B
Greenville, NC
27834

919-757-1096

Thank you for your September 18, 1996 telephone call. We have enclosed three (3) sets of the revised Water Quality Monitoring Plan and a revised page 4 of 4 of the List of Amendments to the Edgecombe County MSWLF Transition Plan. The offending references to Map 1 and Map 2 have been corrected, the erroneous statement regarding equipment blanks has been revised and Table 4 has been marked Superseded and the revised table has been relabeled "Table 4 Revised".

By way of explanation, the Water Quality Monitoring Plan was prepared at least in part by Cory Garyotis who is no longer with S&ME. For the sake of efficiency, we wished to perform the simple changes you requested rather than steer them through S&ME. As a whole, the changes were a matter of correcting typographical errors, and changing some statements which did not conform with current Solid Waste Rules or current interpretation of the Rules. We thought it would be a breach of correct procedures, however; to modify the text of a document sealed by others without recognizing the author of such changes. We also realized that preparing an entirely new document with the seal of a member of our staff when the workup to produce the document was not performed under the supervision of our engineers would be a breach of NC General Statutes. The simplest solution was to prepare amendments and reference them in the body of the text. Unfortunately, we failed to mark the notation of these amendments in the text of the Water Quality Monitoring Plan. If you look back at other sections of the transition plan authored by S&ME you will see an example of what was intended. For example, see Page 2 of 10 of the Operations Plan.

Thank you for calling the oversight to our attention. We trust you will find the notations in the text of the Water Quality Plan acceptable. Please let us know if you need additional information.

Since 1936

Mr. Bobby Lutfy
September 18, 1996
Page Two

Sincerely,

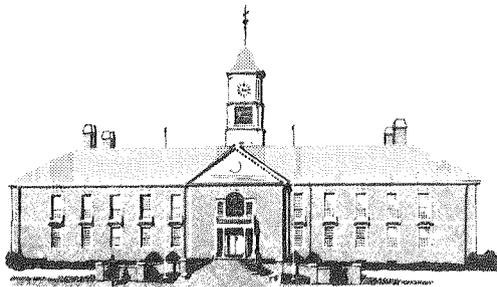
THE WOOTEN COMPANY

By Todd Tripp
Todd A. Tripp, P.E.

TAT/hw

Enclosures

6216



JOSEPH K. DURHAM
COUNTY MANAGER

COUNTY
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C.B.DAUGHTRIDGE

EDGECOMBE COUNTY

P.O. BOX 10 • 201 ST. ANDREW STREET

TARBORO, N.C. 27886

(919) 641-7834

June 27, 1996

Mr. James C. Coffey, Supervisor
Permitting Branch
Solid Waste Section
Post Office Box 27687
Raleigh, NC 27611-7687

Dear Mr. Coffey:

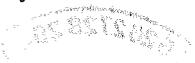
Relative to your letter of June 21, 1996, please be advised that in accordance with our transition plan, Edgecombe County plans to utilize the VEDCO (Carolina Energy) project for its MSW effective January 1, 1998. We plan to construct a transfer station at our current landfill or in the Tarboro area and then transport waste to the VEDCO facility in Wilson.

Please advise if there are further questions.

Very truly yours,

Joseph K. Durhan

c: Larry Hathaway
Ben Barnes



August 5, 1996



Engineering

Planning

Architecture

Mr. Greg Eades
Environmental Engineer
DEHNR
Division of Solid Waste Management
P.O. Box 27687
Raleigh, NC 27611-7687

Re: Technical Review Edgecombe County
Transition Plan, Permit No. 33-01
Edgecombe County MSWLF
County of Edgecombe, NC

Dear Mr. Eades:

We are writing to you on behalf of the County in response to your technical comments on the Edgecombe County Transition Plan.

The responses are given in the order given on your June 6, 1995 letter to Mr. Hathaway.

Location Restriction Demonstration

1. There are currently no airports within 10 miles of the MSWLF site. The Location Restriction Demonstration has been revised to reflect this. A map indicating that no airports exist within a 10,000 radius taken on the site boundaries has been attached to this section demonstrating compliance with .1622(1)(c).
2. The 100 year flood elevations taken from FIRM 370087-0155B indicate no flood prone areas within the landfill site. A portion of the borrow site appears to lie with a flood plain; however, this area is not proposed to be excavated to complete the landfill closure. Please note that the borrow site grading plan is set up to provide more than the earth quantity required for closure as a contingency for finding suitable low permeability material. Excavation outside the areas shown to be excavated on Sheet 16 of 16 is very unlikely to be needed and in any case would require additional approvals.

Closed Unit Documentation

Certification of closed units has been forwarded to Mr. Jim Barber and a copy has been inserted in the Transition Plan.

Operations Plan

1. The changes discussed in the May 25, 1996 site meeting are now reflected in the Transition Plan drawings. The following changes have been made:

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Suite B
Greenville, NC
27834

919-757-1096

Since 1936

Mr. Greg Eades
August 5, 1996
Page Two

- (A) Proposed contours have been revised to depict the filling of a manmade ditch which originally was depicted to have a 50' buffer zone. This change was agreed upon at the site meeting.
- (B) The County no longer maintains a separate demolition area as was originally shown on the transition plan. At the site meeting, Mr. Barber noted the materials temporarily stored there were not truly "inert debris". As a consequence, the County now landfills such waste upon receipt commingled with the rest of the municipal waste. This area is now used as a temporary storage and staging area for the receipt and subsequent shipping of white goods and is labeled as such on Sheet 3 of 16.
- (C) Additional site drainage features are shown on the plan. The County envisions a continuous working face from the southwest corner of the site to completion at the northeast corner. All drainage is diverted through the exiting sediment basins.
- (D) Amendments have been made to the original Operations plan. These amendments are intended to satisfy your comments and are cross referenced within the body of the "Operation Plan and Methane Gas Monitoring Program" to alert landfill personnel to the fact that the material has been updated. This system of amendments bearing dates will insure that any holders of the Edgecombe County Transition Plan use only up-to-date plan provisions. Please refer to the attachment entitled, "List of Amendments to the Edgecombe County MSWLF Transition Plan."

Erosion and Sedimentation Control

1. The plan has been amended to also include the proposed Eastern Borrow Area. The plan is designed for the 25-year return period storm.
2. The plan has been submitted to the Land Quality Section for approval.
3. The basin is hydraulically designed for the 77 acre contributing drainage area, but the volume of sediment storage is compatible with the 14 acre land disturbance in accordance with the Land Quality Section Practice Standard 6.61.
4. The erosion control plan is contained on Sheet 9A of 16 for the active landfill unit and sheet 16 of 16 for the Eastern Borrow Site.

Fire Control

The County has developed an Emergency Plan for Edgecombe County and has posted it on the bulletin board at the landfill shop and prominently by the phone in the landfill office. The contents of the plan have been reviewed with the landfill staff. The plan contains recommended responses, contacts, and phone numbers regarding fires

Mr. Greg Eades
August 5, 1996
Page Three

the Transition Plan. He plans to review these documents with the Pinetops Fire department and locate potential problem areas, access roads, potential staging areas, water sources, and other items concerning fire protection for the site.

The MSWLF buildings are equipped with fire extinguishers and fire alarms. We are recommending that landfill equipment be provided with fire extinguishers if not already so equipped.

The separate demolition staging area has been eliminated so separate soil stockpiles for this area are no longer warranted. Of course, daily soil cover is immediately available at the working face and adjacent areas. A small pond near the MSWLF office will supply fire fighting equipment with water if needed.

The Emergency Plan for Edgecombe County has been inserted into the Transition Plan to use as a source should the copies that are posted be misplaced. Please refer to the appendix to the Operations Plan and Methane Gas Monitoring Program.

Groundwater Trench

Gauging Stations are locations only. This term was meant to refer to locations in the trench where the elevation of the standing water in the groundwater trench might be helpful in establishing groundwater contour maps

Closure and Post-Closure Plan

1. Excerpts of the Solid Waste Rules containing 1627(c)(3) and other applicable sections referenced by .1627(c)(3) have been added to the Closure and Post-Closure Plan in the form of an appendix. The final detailed plans and specifications will be devised so as to conform with these requirements and will also address such concerns as division of responsibility, basis for payment, bonding, time of completion, and other contractual items. Details have been added to the Transition Plan drawings to clearly show the cap design and the passive gas vents. Plan Sheet 9A of 16 depicts the locations of the final slope drains, berms and sediment basins. Refer to Sheet 13 of 16 for the revised details.
2. Provided maintenance of the site is carried out as needed to limit plant size upon the cap six inches should prove adequate. We believe that if such thickness were not adequate, the Solid Waste Rules would require additional thickness. We note, however, that the quantity for topsoil is based upon a cap area of 37.5 acres while the expected cap area since the revision to the plan is approximately 32.5 acres. Should further study or future regulation warrant an increase in vegetative layer thickness there should be sufficient conservancy in the quantity to permit an increase in thickness.

Mr. Greg Eades
August 5, 1996
Page Four

3. Current Appendix II samplings including reporting is costing approximately \$900 per sample including reporting therefore we believe that the S&ME estimate includes reporting.
4. As mentioned in Item 2 above, the reduction in cap area brings enough conservancy in the quantity that it will allow for additional earthwork quantity to make up for shrinkage.

Attached for your use are the following items:

- 1) A list of changes entitled, "List of Amendmetns to the Edgecombe County MSWLF Transiton Plan".
- 2) Two sets of the revised transition plan.
- 3) Two sets of revised drawings for the transition plan.

We trust that these responses meet with your approval. Please let us know if we can provide additional information.

Sincerely,

THE WOOTEN COMPANY

By Todd A. Tripp
Todd A. Tripp, PE

TAT/maj

Attachments

- c. Mr. Joseph K. Durham
Mr. Larry Hathaway
Mr. Tim Barber
Mr. Bobby Lutfy

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

June 6, 1995

Mr. Larry Hathaway
Edgecombe County Solid Waste Supervisor
201 St. Andrews Street
Tarboro, NC 27886

Re: Technical Review, Edgecombe County Transition Plan, Permit Number 33-01

Dear Mr. Hathaway:

The NC Division of Solid Waste Management, Solid Waste Section (Section) has completed a technical review of the engineering portion of the above referenced Transition Plan application submitted by The Wooten Company, on behalf of Edgecombe County. The section hydrogeologist will review the Local Area Study and the Water Quality Monitoring portions of the Transition Plan and will request any additional water monitoring information or geology needed upon completion of his review.

The Section's engineering review involved evaluating the Edgecombe County Transition Plan with respect to the North Carolina Solid Waste Management Rules (15A NCAC 13B.1600). Based on its preliminary review, the Section needs the following additional information.

Location Restriction Demonstration

1. Where is the nearest airport? Please provide an appropriate map or certification from FAA satisfying the requirements of the airport safety rule (§.1622(1)(c)).
2. The plan refers to the FEMA- FIRM map. Please provide this map with the landfill boundaries clearly shown.

Closed Unit Documentation

1. Certification of closed units should be submitted to Mr. Jim Barber, Eastern Area Engineer. For more information on closure certification requirements, please contact Mr. Barber, in the Fayetteville Regional Office, 910-486-1191.

Operations Plan

1. Please update the operational drawings to reflect the revised waste disposal areas and staging as discussed among representatives of the Section, Edgecombe County and The Wooten Company on May 25, 1995. The operation narrative should be revised to also reflect the new filling procedures, in light of the changes which may be necessitated as a

result of removing the drainage feature from the buffer zone. The plan should address transition from one portion of the working face to another, the fill requirements of the drainage features, and revised final contours, if necessary, as a result of the change in operations.

2. Edgecombe County must maintain an operation record for it's MSWLF in accordance with the provisions of §.1626(10)(a-c). Please note this fact in the Plan.

2.2.4- Waste Acceptance, Disposal and Screening Procedures:

1. Non-friable asbestos should abide by the same rules as friable asbestos. Therefore, commingling of non-friable asbestos with other waste is not recommended, it should also be disposed of in a manner that allows it to be immediately covered.
2. Even though the Paint Filter Liquids Test is mentioned in the Plan, the complete test including the procedure and interpretation of the results needs to be included for the benefit of the on-site personnel.
3. Page 2-7, Second paragraph, gas condensate may not be put in the landfill, because the landfill does not have the requisite liner. Please edit accordingly. (Rule .1626(9)(a)(ii).
4. The County may wish to be more specific pertaining to the policy with respect to who assumes the legal and financial liability for testing, cleanup and or removal of unacceptable waste delivered to the landfill. For instance, many counties state that if laboratory testing is necessary to determine if a waste is hazardous, that the generator/hauler will be responsible for the cost if the waste is not acceptable for disposal at the facility.

2.3.1 Erosion\Sedimentation Control Maintenance:

1. Does the current sedimentation and erosion control plan incorporate adequate measures to control surface water run-off and run-on generated from the 24-hour, 25-year storm event. (Rule .1625(b)(3)(B)
2. The Sedimentation and Erosion Control Plan should be submitted to the Division of Land Resources, Land Quality Section for approval. Please advise the Section of approval when obtained.
3. The sedimentation basin in the NW corner of the facility is indicated as having a 77 acre contributing drainage area but is sized on 14 acre on-site drainage, is it sufficient?
4. The facility drawings should incorporate the master erosion control plan. It may be possible to incorporate this drawing into the final contour sheet. The referenced diversion berms should be shown, down drains etc.

2.3.5 Fire Control

1. The Section feels that this portion of the plan should be expanded and reviewed with the facility employees, particularly in light of the demolition waste and segregated area, at the facility. Have arrangements been made with the local fire department to handle on-

Mr. L. Hathaway
June 6, 1995
Page 3

site fires? Are emergency numbers posted and readily available? Do any of the staff have any fire training? What fire fighting equipment is available at the site? Are the compactors and other facility equipment equipped with proper fire extinguishers? The operator may wish to consider establishing a small soil stockpile at the demolition area, for the purpose of covering fires in that area.

2.3.6 Groundwater Trench

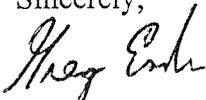
1. This section refers to gauging stations placed in the trench. What are they, what do the gauge, have they been installed. Please provide more information.

Closure and Post-Closure Plan

1. More detail is required on the actual construction, technical specifications and quality assurance/control for the cap system is requested as per Rule .1627(c)(3). A final cap system drawing, incorporating, berms, diversion ditches, sed and erosion control, vent placement etc should be provided.
2. Is six inches of vegetative layer, on top of the compacted clay layer, considered enough to protect the cap from the effects of freeze/thaw, desiccation , and to provide a sufficient root zone for the selected vegetation?
3. Do the post-closure groundwater and methane monitoring costs include report preparation and analysis?
4. Does the final cap system cost estimate take into account shrinkage factors for the clayey soils?

Please submit revisions to the Transition Plan to the Section within the next 45 days. When submitting revisions to the Transition Plan, the changed pages should be clearly identified with a revision date in either the footer or the header. It is not necessary to submit five (5) copies of revisions or facility drawings, at this time. Two (2) copies will suffice. When the Transition Plan is finalized a total of five (5) copies will be needed. These comments are intended to expedite the review of the referenced application, and in no way do they restrict the Section's right to request additional information following the technical review process. If you have any questions regarding this review, please contact me at (919)733-0692 Ext. 344.

Sincerely,



Greg Eades
Environmental Engineer
Solid Waste Section

cc: Terry Dover, SWS Todd Tripp, PE, The Wooten Company
Ben Barnes, SWS CAWPDOCS\PLAN\TECHREV\EDGE1.TEC

August 5, 1996



Engineering

Planning

Architecture

Mr. Bobby Lutfy
Hydrogeologist
Solid Waste Section
P.O. Box 27687
Raleigh, NC 27611-7687

Re: Hydrologic Review
of Transition Plan Documents
Edgecombe County MSWLF #33-01
County of Edgecombe, NC

Dear Mr. Lutfy:

This letter is written in response to your September 22, 1995 comments. Responses are given in the same order as your comments.

SUMMARY REPORT

- We have requested two searches of Solid Waste Section files for permits earlier than the permit issued on July 5, 1979. None were located. The County is unable to find an earlier permit in its files. I have spoken with an 18-year landfill employee who believes waste was first received at the site sometime between 1975 and 1977 just prior to his employment. This employee also informed me that the earliest landfill unit closed in 1983 not 1980. This is the most definite information we have been able to obtain and are unsure as to whether the original permit has been lost, operation began prior to permits being issued for landfills, or if there is some other reason for this discrepancy. Please advise if you need mere research on this matter. The Summary Report has been revised to reflect the above information.
- The ditch along the southern and western boundaries of the active unit is visible on the contours and is depicted with three surface water gauging stations within it. The ditch outfalls to the northwestern sediment basin shown on sheet 12 of 16. Note the outlet of the ditch near the area labeled "Borrow Stockpile". This ditch is to have its slopes laid back to comply with Land Quality Section requirements, therefore, existing and proposed contours are now shown on Sheet 9A of 16 of the plans and cross sections are shown on Sheet 10 of 16. To date surface water samples have not been taken in the cut-off ditch.

LOCAL AREA STUDY

- The old landfill unit referred to in the Summary Report is included on sheet 2 of 16 as part of the landfill for use in establishing the 2000 foot perimeter. The reference is to an old landfill area describing the unit just North of Jerry's Creek adjacent to the active site as shown on Sheet 5 of 16 (Portions of this site are depicted on Sheets 3 and 4 with match lines for Sheet 5). The local area study refers to this landfill unit.

301 W. 14th Street
Suite B
Greenville, NC
27834

919-757-1096

Since 1936

Mr. Bobby Lutfy
August 5, 1996
Page Two

WATER QUALITY MONITORING PLAN

The old landfill referenced under 1.2 of the Water Quality Monitoring Plan is the same unit referenced in the comments above and shown on Sheet 5 of the transition plan.

The groundwater lowering ditch is discussed above and has no relationship to the old landfill unit.

SAMPLING AND ANALYSIS PLAN

- Incorrect references to Drawings 1 and 2 have been corrected.
- The erroneous statement concerning equipment blanks has been changed.
- The important aspect regarding the location of SW-3 was that it be positioned west of the confluence of the southern tributary of Jerry's Creek and Jerry's Creek near the creek's crossing of SR 1601. The location shown on Sheet 12 of 16 accomplishes this.
- The erroneous table of PQL's and constituents for detection sampling has been replaced.

We trust these responses meet with your approval. Thank you for your ongoing assistance to the County regarding this landfill.

Attached for your use are the following items:

- 1) A list of changes entitled, "List of Amendments to the Edgecombe County MSWLF Transition Plan.
- 2) A copy of the revised transition plan.
- 3) A copy of the revised drawings for the transition plan.

Please let us know if additional information would be useful to you in your review.

Sincerely,

THE WOOTEN COMPANY

By Todd A. Tripp
Todd A. Tripp, PE

TAT/maj

Attachments

- c. Mr. Joseph K. Durham
Mr. Larry Hathaway
Mr. Greg Eades
Mr. Jim Barber

List of
Amendments to the
Edgecombe County MSWLF
Transition Plan
Permit No. 33-01
August 5, 1996

The changes listed below are hereby made a part of the above referenced transition plan and amend, supersede, or replace the original plan provisions as follows:

- 1.0 Changes Due to Comments by Mr. Greg Eades, Environmental Engineer
- 1.1 Amendment 1 - Operations Plan and Methane Gas Monitoring Program - Project Information

The demolition area has been closed, demolition waste shall be commingled with municipal waste and disposal of in the landfill immediately.

- 1.2 Amendment 2 - Operations Plan and Methane Gas Monitoring Program - 2.0 Operations Plan

The Operations Manager shall maintain landfill records in accordance with .1626(10) which is copied for reference as follows:

.1626(10) - Record keeping Requirements.

- (a) *The owner or operator of a MSWLF unit must record and retain at the facility, or an alternative location near the facility approved by the Division, in an operation record the following information as it becomes available;*
- (i) *Inspection records, waste determination records, and training procedures required in Item (1) of this Rule;*
 - ii) *Amounts by weight of solid waste received at the facility to include source or generation;*
 - (iii) *Gas monitoring results and any remediation plans required by Item (4) of this Rule;*
 - (iv) *Any demonstration, certification, finding, monitoring, testing, or analytical data required by Rules .1630 through .1637 of this Section;*
 - (v) *Any monitoring, testing, or analytical data as required by Rule .1627 of this Section; and*
 - (vi) *Any cost estimates and financial assurance documentation required by Rule .1628 of this Section.*
 - (iv) *Any demonstration, certification, finding, monitoring, testing, or analytical data required by Rules .1630 through .1637 of this Section;*

- (v) *Any monitoring, testing, or analytical data as required by Rule .1627 of this Section; and*
- (vi) Any cost estimates and financial assurance documentation required by Rule .1628 of this Section.

- (b) All information contained in the operating record must be furnished upon request to the Division or be made available at all reasonable times for inspection by the Division.
- (c) The owner or operator must maintain a copy of the operation plan required by Rule .1625 of this Section at the facility.

1.3 Amendment 3 - Operations Plan and Methane Gas Monitoring Program - 2.2.4 - Waste Acceptance, Disposal and Screening Procedures

Friable Asbestos not included in 40CFR 61 may be commingled with other waste and disposed of at the landfill, however; non-friable asbestos will be disposed of at the bottom of the working face and immediately covered if such asbestos is identified by the Landfill Screening program and arrives separated from other wastes.

1.4 Amendment 4 - Operations Plan and Methane Gas Monitoring Program - 2.2.4 - Waste Acceptance, Disposal and Screening Procedures

The Paint Filter Liquids Test is hereby attached to the Transition Plan. Please refer to the APPENDIX to the Operations Plan and Methane Gas Monitoring Program.

1.5 Amendment 5 - Operations Plan and Methane Gas Monitoring Program - 2.2.4 - Waste Acceptance, Disposal and Screening Procedures

Strike the sentence "Gas condensate derived from the landfill and liquid household containers (or containers of similar size) may be disposed of in the landfill. Gas condensate cannot be landfilled at this site.

1.6 Amendment 6 - Operations Plan and Methane Gas Monitoring Program - 2.2.4 - Waste Acceptance, Disposal and Screening Procedures

Should the Screening Manager rule that the load contains hazardous waste, the cost of hazardous waste identification, containment, notification, transportation, consultation, and legal disposal shall be compiled and billed to the party responsible for the generation and/or delivery of the waste to the landfill site. Should hazardous waste be suspected, the screening inspector shall after containing the waste and notifying the Operations Manager and Emergency Response Team carefully complete the Detailed Screening Report and the Waste Screening Check List and provide them to the Operations Manager so that the responsible parties can be identified.

1.7 Amendment 7 - Erosion and Sedimentation Control

Plan Sheet 16 of 16 for the Eastern Borrow Area has been added depicting erosion control. Plan Sheets 8A and 9A replace Sheets 8 and 9 and show more detail with regard to erosion control.

The side slopes of the groundwater trench shown on Sheet 9A of 16 are to be laid back to 3:1 to comply with the NC Land Quality Requirements. Refer to Sheet 10 of 16 for cross sections of the proposed and existing side slopes of the ditch.

1.8 Amendment 8 - Fire Control - Operations Plan and Methane Gas Monitoring Program. 2.3.5

Edgecombe County's Emergency Plan has been added to the appendix of the Operations Plan and Methane Gas Monitoring Plan.

1.9 Amendment 9 - Sheet 3 of 16

The former demolition area has been relabeled as a "New White Goods Staging Area".

1.10 Amendment 10 - Closure and Post-Closure Plan

Excerpts of the Solid Waste Rules confirming 1627 (c)(3) and other applicable sections referenced by .1627(c)(3) have been inserted into the appendix of the Closure and Post-Closure Plan. Additional details have been added to Sheet 13 of 16 regarding final cap construction and passive methane venting. Passive vents are to be located at high points with the remainder of the vents evenly dispersed across the landfill site.

1.11 Amendment 14 - Location Restriction Demonstration

The original section of the Transition Plan entitled "Location Restriction Demonstration" is hereby replaced with a revised section of the same title dated 7/96. Attached to this section are the following maps which were not a part of the original plan:

- 1) "Map For Airport Demonstration Rule"
- 2) "Flood Prone Areas Around Landfill"

2.0 Changes due to comments by Mr. Bobby Lutfy, hydrogeologist:

2.1 Amendment 11 - Summary Report

The summary report is hereby replaced with the revised summary report dated August 1, 1996. References to the original landfill unit and to the groundwater ditch have been clarified.

2.2 Amendment 12 - Water Quality Monitoring

The "Old Landfill" referenced under 1.2 of the Water Quality Monitoring Plan is hereby replaced with a reference to "the Landfill unit north of Jerry's Creek shown on Sheet 5 of 16".

2.3 Amendment 13 - Sampling and Analysis Plan

References to Drawing 1 are hereby revised to reference Sheet 11 of 16. References to Drawing 2 are hereby revised to reference Sheet 12 of 16.

The original table of PQL's and test procedures is hereby replaced with a corrected table.

The foregoing changes were performed by me or under my direct supervision based upon my investigation of comments by the Solid Waste Section.



Todd Alan Tripp
Todd Alan Tripp
PE No. 17480
The Wooten Company
Engineering • Planning • Architecture



Engineering

Planning

Architecture

List of
Amendments to the
Edgecombe County MSWLF
Transition Plan
Permit No. 33-01
August 5, 1996

The changes listed below are hereby made a part of the above referenced transition plan and amend, supersede, or replace the original plan provisions as follows:

1.0 Changes Due to Comments by Mr. Greg Eades, Environmental Engineer

1.1 Amendment 1 - Operations Plan and Methane Gas Monitoring Program - Project Information

The demolition area has been closed, demolition waste shall be commingled with municipal waste and disposal of in the landfill immediately.

1.2 Amendment 2 - Operations Plan and Methane Gas Monitoring Program - 2.0 Operations Plan

The Operations Manager shall maintain landfill records in accordance with .1626(10) which is copied for reference as follows:

.1626(10) - Record keeping Requirements.

- (a) *The owner or operator of a MSWLF unit must record and retain at the facility, or an alternative location near the facility approved by the Division, in an operation record the following information as it becomes available;*
- (i) *Inspection records, waste determination records, and training procedures required in Item (1) of this Rule;*
 - ii) *Amounts by weight of solid waste received at the facility to include source or generation;*
 - (iii) *Gas monitoring results and any remediation plans required by Item (4) of this Rule;*
 - (iv) *Any demonstration, certification, finding, monitoring, testing, or analytical data required by Rules .1630 through .1637 of this Section;*
 - (v) *Any monitoring, testing, or analytical data as required by Rule .1627 of this Section; and*
 - (vi) *Any cost estimates and financial assurance documentation required by Rule .1628 of this Section.*
 - (iv) *Any demonstration, certification, finding, monitoring, testing, or analytical data required by Rules .1630 through .1637 of this Section;*

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Since 1936

- (v) *Any monitoring, testing, or analytical data as required by Rule .1627 of this Section; and*
- (vi) Any cost estimates and financial assurance documentation required by Rule .1628 of this Section.

- (b) All information contained in the operating record must be furnished upon request to the Division or be made available at all reasonable times for inspection by the Division.
- (c) The owner or operator must maintain a copy of the operation plan required by Rule .1625 of this Section at the facility.

1.3 Amendment 3 - Operations Plan and Methane Gas Monitoring Program - 2.2.4 - Waste Acceptance, Disposal and Screening Procedures

Friable Asbestos not included in 40CFR 61 may be commingled with other waste and disposed of at the landfill, however; non-friable asbestos will be disposed of at the bottom of the working face and immediately covered if such asbestos is identified by the Landfill Screening program and arrives separated from other wastes.

1.4 Amendment 4 - Operations Plan and Methane Gas Monitoring Program - 2.2.4 - Waste Acceptance, Disposal and Screening Procedures

The Paint Filter Liquids Test is hereby attached to the Transition Plan. Please refer to the APPENDIX to the Operations Plan and Methane Gas Monitoring Program.

1.5 Amendment 5 - Operations Plan and Methane Gas Monitoring Program - 2.2.4 - Waste Acceptance, Disposal and Screening Procedures

Strike the sentence "Gas condensate derived from the landfill and liquid household containers (or containers of similar size) may be disposed of in the landfill. Gas condensate cannot be landfilled at this site.

1.6 Amendment 6 - Operations Plan and Methane Gas Monitoring Program - 2.2.4 - Waste Acceptance, Disposal and Screening Procedures

Should the Screening Manager rule that the load contains hazardous waste, the cost of hazardous waste identification, containment, notification, transportation, consultation, and legal disposal shall be compiled and billed to the party responsible for the generation and/or delivery of the waste to the landfill site. Should hazardous waste be suspected, the screening inspector shall after containing the waste and notifying the Operations Manager and Emergency Response Team carefully complete the Detailed Screening Report and the Waste Screening Check List and provide them to the Operations Manager so that the responsible parties can be identified.

1.7 Amendment 7 - Erosion and Sedimentation Control

Plan Sheet 16 of 16 for the Eastern Borrow Area has been added depicting erosion control. Plan Sheets 8A and 9A replace Sheets 8 and 9 and show more detail with regard to erosion control.

The side slopes of the groundwater trench shown on Sheet 9A of 16 are to be laid back to 3:1 to comply with the NC Land Quality Requirements. Refer to Sheet 10 of 16 for cross sections of the proposed and existing side slopes of the ditch.

1.8 Amendment 8 - Fire Control - Operations Plan and Methane Gas Monitoring Program. 2.3.5

Edgecombe County's Emergency Plan has been added to the appendix of the Operations Plan and Methane Gas Monitoring Plan.

1.9 Amendment 9 - Sheet 3 of 16

The former demolition area has been relabeled as a "New White Goods Staging Area".

1.10 Amendment 10 - Closure and Post-Closure Plan

Excerpts of the Solid Waste Rules confirming 1627 (c)(3) and other applicable sections referenced by .1627(c)(3) have been inserted into the appendix of the Closure and Post-Closure Plan. Additional details have been added to Sheet 13 of 16 regarding final cap construction and passive methane venting. Passive vents are to be located at high points with the remainder of the vents evenly dispersed across the landfill site.

1.11 Amendment 14 - Location Restriction Demonstration

The original section of the Transition Plan entitled "Location Restriction Demonstration" is hereby replaced with a revised section of the same title dated 7/96. Attached to this section are the following maps which were not a part of the original plan:

- 1) "Map For Airport Demonstration Rule"
- 2) "Flood Prone Areas Around Landfill"

2.0 Changes due to comments by Mr. Bobby Lutfy, hydrogeologist:

2.1 Amendment 11 - Summary Report

The summary report is hereby replaced with the revised summary report dated August 1, 1996. References to the original landfill unit and to the groundwater ditch have been clarified.

2.2 Amendment 12 - Water Quality Monitoring

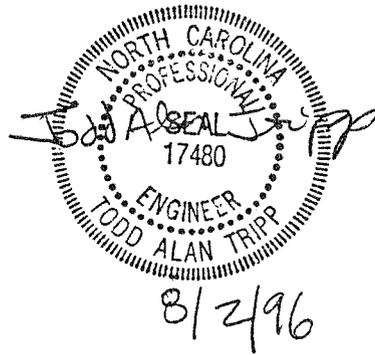
The "Old Landfill" referenced under 1.2 of the Water Quality Monitoring Plan is hereby replaced with a reference to "the Landfill unit north of Jerry's Creek shown on Sheet 5 of 16".

2.3 Amendment 13 - Sampling and Analysis Plan

References to Drawing 1 are hereby revised to reference Sheet 11 of 16. References to Drawing 2 are hereby revised to reference Sheet 12 of 16.

The original table of PQL's and test procedures is hereby replaced with a corrected table.

The foregoing changes were performed by me or under my direct supervision based upon my investigation of comments by the Solid Waste Section.



Todd Alan Tripp
Todd Alan Tripp
PE No. 17480
The Wooten Company
Engineering • Planning • Architecture

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



June 28, 1996

Mr. Larry Hathaway
Edgecombe County Solid Waste Director
201 St. Andrew's Street
Tarboro, NC 27886

RE: Status of the Edgecombe County MSW Landfill Transition Plan, Permit No. 33-01

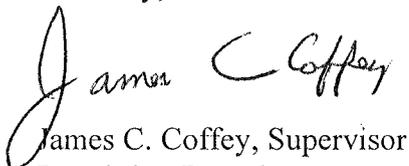
Dear Mr. Hathaway:

Rule .1603(d)(2)(A) of the North Carolina Solid Management Rules directs that the Division will determine the adequacy of all Transition Plans by October 9, 1996. Furthermore, in accordance with Rule .1601(c)(4), MSW Landfill Units that have not demonstrated the adequacy of their plans by this date are constituted as "Open Dumps" and must be closed under both state and federal law.

As of this time, the Division has not been able to complete it's review of the above referenced Transition Plan. A response to the Division's review letters of June 6 and September 22, 1995 needs to be submitted in order to complete the review process.

Please submit all required information to the Division by September 1, 1996 in order for a timely review to be completed prior to the October 9, 1996 deadline. If you have any further questions, please contact Greg Eades at (919) 733-0692 extension 344.

Sincerely,


James C. Coffey, Supervisor
Permitting Branch
Solid Waste Section

cc: Ben Barnes, SWS
Bobby Lutfy, SWS

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Jonathan B. Howes, Secretary
William L. Meyer, Director



June 21, 1996

Mr. Larry Hathaway
Edgecombe County Solid Waste Director
201 St. Andrew's Street
Tarboro, NC 27886

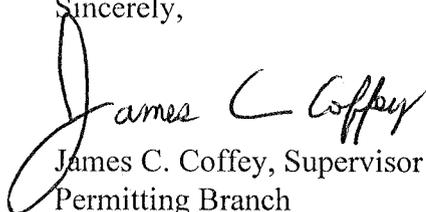
RE: Status of the Edgecombe County MSW Landfill, Permit No. 33-01

Dear Mr. Hathaway:

In Section III - MSWLF Unit Capacity of the Transition Plan, Edgecombe County stated that they planned to transfer their MSW to a VEDCO-RDF facility upon closure of its existing unlined landfill. Does Edgecombe County still intend to proceed with this plan?

Please submit to the Section your County's intentions as to where your waste will be disposed of as of January 1, 1998. If you have any questions regarding this letter, please call Greg Eades at (919) 733-0692 extension 344.

Sincerely,


James C. Coffey, Supervisor
Permitting Branch
Solid Waste Section

cc: Ben Barnes, SWS