

2705Permit1999 - Batch No. \_\_\_\_\_

1999

Currituck Co. 27-05

1999

9

FAX TRANSMISSION COVER SHEET

NORTH CAROLINA DEPARTMENT OF ENVIRONMENT  
AND NATURAL RESOURCES  
DIVISION OF WASTE MANAGEMENT  
225 GREEN STREET, SUITE 601  
FAYETTEVILLE, NORTH CAROLINA 28301

TEL #910-486-1191

FAX #910-486-1791

TELEPHONE:

252 - 491 - 8424

11420 @  
1:10  
12-20-99  
PL

DATE:

12/20/99

TO:

RACIE NEWBERN (252) 491-2514

FROM:

JIM BARBER

SUBJECT:

COMMENTS:

- 1) IF GRINDING OF WOOD / SHINGLES / WALLBOARD IS TO BE DONE ON-SITE REGULARLY YOU MAY NEED A AIR QUALITY PERMIT. CONTACT AQ @ 252-946-6481
- 2) ITEMS WITH THE OPEN  NEED TO BE ADDRESSED OR FURTHER DISCUSSION.
- 3) ONCE THIS INFO. IS FAXED TO YOU, I WILL CALL TO NUMBER OF PAGES INCLUDING COVER SHEET: DISCUSS AND CLARIFY.

Jim Barber

PLEASE CALL IF YOU DO NOT RECEIVE ENTIRE TRANSMITTAL.

(3 pages)



BoA (Joins sheet 23)



**Conetoe Loamy Sand**  
 Seasonal High Water Table (4-6 feet)  
 Mike Doxey *at the Doxey*  
 Currituck Soil and Water Conservation

(Joins inset, sheet 22)

895 000 FEET

(Joins sheet 25) 2 925 000 FEET



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DEC 9 1999

**North Carolina Department of Cultural Resources**  
**State Historic Preservation Office**  
David L. S. Brook, Administrator

**DIVISION OF WASTE MANAGEMENT**  
**RALEIGH REGIONAL OFFICE**

James B. Hunt Jr., Governor  
Betty Ray McCain, Secretary

Division of Archives and History  
Jeffrey J. Crow, Director

November 4, 1999

Horatio D. Newbern IV, Owner  
Soundside Recycling and Materials, Inc.  
P.O. Box 176  
Aydlett, NC 27916

**RE: Construction and Demolition Treatment and Processing Facility, Powell's Point at 169  
Buster Newbern Rd(SR1121), Currituck County, ER 00-7812**

Dear Mr. Newbern:

We have conducted a review of the project and are aware of no properties of architectural, historic, or archaeological significance which would be affected by the project. Therefore, we have no comment on the project as currently proposed.

The above comments are made pursuant to Section 106 of the National Historic Preservation Act and the Advisory Council on Historic Preservation's Regulations for Compliance with Section 106 codified at 36 CFR Part 800.

Thank you for your cooperation and consideration. If you have questions concerning the above comment, please contact Renee Gledhill-Earley, environmental review coordinator, at 919/733-4763.

Sincerely,

*for* David Brook  
Deputy State Historic Preservation Officer

DB:ldb

NORTH CAROLINA DEPARTMENT OF  
ENVIRONMENT AND NATURAL RESOURCES

DIVISION OF PARKS AND RECREATION

October 19, 1999

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DEC 9 1999

DIVISION OF WASTE MANAGEMENT  
FAYETTEVILLE REGIONAL OFFICE



JAMES B. HUNT JR.  
GOVERNOR

WAYNE MCDEVITT  
SECRETARY

DR. PHILIP K. MCKNELLY  
DIRECTOR

Mr. Horatio D. Newbern IV  
Soundside Recycling & Materials, Inc.  
P.O. Box 176  
Aydlett, NC 27916

SUBJECT: Rare Species, High Quality Natural Communities, and  
Significant Natural Heritage Areas at the Proposed  
Construction and Demolition Treatment and Processing  
Facility Site, Powell's Point, Currituck County, North  
Carolina

Dear Mr. Newbern:

The NC Natural Heritage Program (NCNHP) does not have a record of rare species, high quality natural communities, state park and recreation areas, or Significant Natural Heritage Areas (SNHAs) at or within a 1.0 mile radius of the proposed construction and demolition treatment and processing facility site, Powell's Point, Currituck County, North Carolina.

Enclosed is a list of rare species known to exist in Currituck County. If habitat for any of these species exists at the site, they may be present there. Appraising the site for these habitats should determine if a survey is necessary.

Please do not hesitate to contact me at the address below or call me at (919) 715-8703 if you have any questions or need further information.

Sincerely,

Susan Reece Giles  
Information Specialist  
NC Natural Heritage Program

Enclosure



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DEC 8 1999

DIVISION OF WASTE MANAGEMENT  
FAYETTEVILLE REGIONAL OFFICE

**State of North Carolina**  
Department of Environment and Natural Resources  
Washington Regional Office

James B. Hunt, Jr., Governor

Bill Holman, Secretary

**DIVISION OF LAND RESOURCES**  
**LAND QUALITY SECTION**  
October 15, 1999

**LETTER OF APPROVAL**

Soundside Recycling and Materials  
ATTN: Mr. Horatio D. Newbern, IV, Owner  
Post Office Box 176  
Aydlett, North Carolina 27916

RE: Erosion and Sedimentation Control Plan  
Soundside Recycling & Materials  
SR 1121 - Currituck County  
River Basin: Pasquotank  
Date Received: September 27, 1999  
Responsible Party: Soundside Recycling & Materials

Dear Sir:

This office has completed its review of the erosion and sedimentation control plan for the referenced 2.0 acre disturbance. Based on the information provided, we have determined the submitted plan for the grading associated with the creation of wood recycling facility, if properly implemented, will meet the minimum requirements of the Act. We, therefore, issue this LETTER OF APPROVAL.

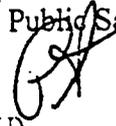
In 1973, the Sedimentation Pollution Control Act (copy available upon request) was enacted. It established a performance oriented program requiring a project owner or developer to protect adjoining natural resources and properties, both during and after construction, from the effects of accelerated erosion. It is **YOUR RESPONSIBILITY** to understand and comply with the following minimum requirements of the Act:

- *an erosion and sedimentation control plan is only valid for 3 years following the date of initial approval, if no land-disturbing activity has been undertaken;*



October 14, 1999

TO: Teresa Carter, Public Assistance Supervisor  
NC Department of Crime Control & Public Safety

FROM: John J. "Pat" Curran, Unit Manager   
Health Hazards Control Unit (HHCU)

SUBJECT: Asbestos Guidelines Concerning the Disposal of Mobile Homes

The following guidelines are provided to assist with the demolition of mobile homes damaged as a result of Hurricane Floyd. Adherence to these guidelines is essential to protect the public health and the environment. If you have questions concerning these guidelines, please contact the Health Hazards Control Unit at (919) 733-0820. The HHCU fax number is (919) 733-8493.

(1) These guidelines apply only to mobile homes used as single family dwellings.

These guidelines do **not** apply to mobile homes used for commercial, industrial, institutional, or public purposes. These guidelines do **not** apply to mobile structures used for non-residential purposes, such as modular trailers, commonly used at schools, churches, or places of business.

(2) For ordered demolitions the owner or contractor will notify the HHCU of the demolition by submitting a notification form (DHHS-3768) with a copy of the condemnation order attached. The notification form and a copy of the condemnation order must be received by the HHCU at least twenty-four (24) hours before the demolition activity begins. Both the notification form and the condemnation order are required for each specific project.

For staging areas where mobile homes will be delivered for demolition, the owner or contractor will notify the HHCU of the demolition by submitting a notification form (DHHS-3768) with a copy of the condemnation order attached. The notification form and condemnation order must be received by the HHCU at least twenty-four (24) hours prior to beginning demolition activities at each staging site.



## Demolition of Mobile Homes

Page 2

(3) If the mobile home is severely damaged, or if entry may result in an inherent health risk, no one may enter the mobile home to remove white goods or hazardous materials. Instead, as the mobile home components are separated out during the demolition activity, white goods and/or hazardous materials may be removed by mechanical means. The decision to salvage white goods or capture hazardous materials will be on a case by case basis. Safety of personnel should be emphasized.

(4) Mobile home components salvaged under these guidelines may include the metal frames, tires, axles, exterior aluminum walls, and roofs. All metals salvaged for recycling are to be visually clean and cannot be mixed with other construction debris that may contain asbestos building materials.

(5) During the demolition, salvaging, and removal of debris, the contractor will be responsible for wetting the debris as necessary to prevent visible dust emissions. The contractor will ensure that debris, stockpiled and scheduled for the landfill, is wetted down every few hours to prevent the debris from drying out and possibly allowing the release of asbestos fibers or other environmental contaminants. The contractor will be responsible for the prompt removal and disposal of construction and demolition debris on a regular basis. The contractor will not be allowed to stockpile large quantities of construction and demolition debris on site for more than five (5) days.

**NOTE:** Follow the landfill disposal guidelines "Disposal of Natural Disaster Related Construction and Demolition Debris That May Contain Asbestos Building Materials", dated September 14, 1999, attached.

(6) Once the contractor has completed the demolition activity, there should be no visible debris left on the property.

(7) **BURNING** associated with these guidelines is not allowed without first addressing the potential for asbestos containing building materials. An asbestos inspection by a NC accredited asbestos inspector and an approved notification form (DHHS-3768) will be required prior to conducting any of these activities.

(8) **GRINDING** associated with these guidelines is not allowed without first addressing the potential for asbestos containing building materials. An asbestos inspection by a NC accredited asbestos inspector and an approved notification form (DHHS-3768) will be required prior to conducting any of these activities.

(9) These guidelines will be in effect until March 1, 2001.



Currituck County

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DEC 9 1999

Department of Planning and Inspections  
Post Office Box 70  
Currituck, North Carolina 27929  
252-232-3055 / 252-232-3378  
FAX 252-232-3026

DIVISION OF WASTE MANAGEMENT  
FAYETTEVILLE REGIONAL OFFICE

**CERTIFIED MAIL**  
Return Receipt Requested

Date Filed 10-12-99

October 7, 1999

HD Newbern  
PO Box 176  
Aydlett NC 27916

RE: Special Use Permit - Demolition Landfill

Dear Mr. Newbern,

At their October 4, 1999 meeting, the Currituck County Board of Commissioners voted to approve your special use permit for a demolition landfill on 169 Buster Newbern Road in Powells Point, Tax Map 110, Lot 5 according to the following:

- 1) That the special use permit be valid for 2 years after which time the applicant must come back for renewal;
- 2) That the applicant post a \$3000 bond in order to insure proper disposal of demolition waste materials;
- 3) That markers at a minimum of ten (10) feet tall and painted red be placed at all four corners to delineate the storage area;
- 4) That all state permits be obtained prior to beginning of operations and copies of permits be submitted to the Planning & Inspections Department; and,
- 5) That the Suggested Staff Findings of Fact be incorporated within this approval.

**YOU MUST SIGN, HAVE NOTARIZED, AND RETURN A COPY OF THE ENCLOSED SPECIAL USE PERMIT IN ORDER FOR IT TO BE VALID.** If you have any questions, please call me at 252-232-3055, ext. 256.

Sincerely,

*H.B. Briggs, Jr.*

H.B. Briggs, Jr.  
Chief Planner

HBBjr/tdg

Enclosure: Special Use Permit  
Customer Service Survey  
Self Addressed Stamped Envelope

Soundside Recycling and Materials, Inc. will be taking in new residential construction waste from the Northern Dare County Beaches and Currituck County. The waste will be delivered to the site by the local waste haulers for a waste disposal-tipping fee of fifty dollars per ton. Once delivered the waste will be separated, and processed on the site that is located in Powell's Point off of Buster Newbern Road.

When the waste is delivered to the site it will be weighted on the existing scales and then inspected to ensure that it is new construction waste. Since we only accept new construction waste this should reduce the risk of handling asbestos. The cardboard and plywood will be separated by hand before it is loaded onto the picking station conveyor by the loader. The waste will be separated within one week of being dumped. Once the materials are separated they will be processed. The materials to be recycled will be cardboard, non-treated wood, gypsum board, plastics, metal, glass, and shingles. The cardboard, and plastics will be bailed into one thousand pound bails in the press. The non-treated wood will be loaded into the grinder to be shredded, and then either composted or colored for mulch in the Batch mix colorizer. The gypsum board will be shredded in the grinder, and then either composted or land applied depending on the need. The metals will be sorted depending on their type. The glass will be separated by color and then sent to the County Recycling Center. The shingles will be shredded and mixed with asphalt. We will also be receiving items that are non-recyclable and they will be sent to the Currituck County Transfer Station at least once a week. We intend to sell the recyclable materials on a continual basis and the materials should not remain on site for more than six months.

Soundside Recycling and Materials, Inc. will be using a variety of different markets to recycle these products. The cardboard will be recycled with Butler Paper Recycling, Inc. in Suffolk, VA. Butler Paper will be picking up the bails from our site and transporting them back to their plant in Virginia. The Plastics will be recycled with APL Plastics, Inc. in Greensboro, NC. They will also come to our site and then transport the bails back to Greensboro. The wood products will be sold to homeowners, and landscaping companies as mulch or compost by the Yard. We will either deliver the materials to them, or they can come to the site to pick them up. The gypsum board will be sold for land application to farmers, or will be added to our compost pile. The metals will be sold to local markets, or scrap yards depending on price.

The materials will be processed using a small articulating loader with a grapple bucket, a home made picking conveyor, a 1000# bail cardboard press, a Morbark N-Viro mulch coloring unit, and a Morbark 1050 tub grinder.

Horatio D. Newbern IV.

**GUIDANCE for PREPARATION of PERMIT APPLICATIONS**  
**for**  
**CONSTRUCTION & DEMOLITION**  
**TREATMENT and PROCESSING FACILITIES**

DEVELOPED March 1, 1996  
REVISED JUNE 1, 1999

In accordance with the Application Requirements for Treatment and Processing Facilities, Section .0301 of 15A NCAC 13B, the following guidance is provided to assist in the preparation of the permit applications for facilities processing construction and demolition materials:

1. Site Plan or scale drawing showing the location of the proposed facility along with the following items;
  - a. Property lines
  - b. Existing topography
  - c. Proposed grading with final grade
  - d. Sedimentation and Erosion control plan with permanent and temporary structures and an approval letter from the Land Quality Section.
  - e. Existing and any proposed buildings, structures ,etc
  - f. Existing surface water features( ditches, ponds, swamps, etc.)
  - g. Access control features( gates, fences, earthen berms)
  - h. Existing and proposed roads
  - i. 100 year floodplain (FEMA Flood Insurance Rate Map with site indicated on it).
  - j. Letter from the appropriate agency that the proposed facility shall not cause or contribute to the taking of any endangered or threatened species of plants, fish, or wildlife.
  - k. Letter from the appropriate agency that the proposed facility shall not damage or destroy an archaeological or historical site.(letter issued by Archaeology & Historic Preservation).
  - l. Letter from the appropriate agency that the facility shall not cause an adverse impact on a state park, recreation or scenic area or any other lands included in the state nature and historic preserve. ( letter issued by Historic Sites Section.)
  - m. Letter from the appropriate agency stating that the site is not located in a wetland. ( Army Corps of Engineers)
  - n. Groundwater table information shall be provided in the form of hand auger borings, test pits or other suitable information that depicts groundwater elevation at the site.
  - o. A letter from the local planning administrator or the agency that has zoning jurisdiction stating that the proposed facility meets all requirements of any applicable zoning ordinance.
  - p. Legal description of the property and a copy of the deed for the property with metes and bounds.
  - q. The facility shall meet the following minimum buffer requirements;
    1. storage areas for all material; including unacceptable material, by-pass material and recyclable material, must be a minimum of 100 feet from the site property lines and all surface waters.

- 2. storage areas for all material; including unacceptable material, by-pass material and recyclable material, must be a minimum of 100 feet from residential dwellings, commercial or public buildings and wells.
- r. notarized and signed affidavits (attached) from the land owners of the site, if the property is owned by an individual(s)/Corporation that are not the proposed operators.
- 2. Operations Plan:  
An operations plan with the following items:
  - a. A narrative, describing in detail, the proposed conditions of acceptance, storage, separation, processing and final disposition of unacceptable material, by-pass material, and recyclable material. Also, a demonstration that the operations plan ensures the facility's capability to manage the waste in such a manner that 75% of the recyclable material will be processed and removed from the facility within one year of receipt. Unacceptable material is defined as material not permitted for acceptance at the facility. Acceptable material is defined as material permitted for acceptance at the facility and specified in the operations plan. By-pass material is defined as acceptable material but is material that the facility has not demonstrated a viable market and must be disposed of in an approved landfill. Recyclable material is acceptable material for which the facility has demonstrated markets and may require processing for recycling.
  - b. A material screening plan, including a list of the unacceptable material, by-pass material, and recyclable material and proper management of these materials.
  - c. A plan for the management of unacceptable materials including storage conditions and storage time prior to disposal in a specified landfill.
  - d. A plan for the management of by-pass material including storage conditions and storage time prior to disposal in a specified landfill.
  - e. A management plan for separating and processing recyclable material including storage conditions and storage times prior to separation, processing, and removal from the site.
  - f. Specific information regarding the type and capability of the processing, separation, and loading equipment.
  - g. Locations of storage areas shown on the site plan indicating the types of material stored, proposed storage areas, storage conditions, traffic lanes, etc
  - h. A narrative regarding listing of all proposed end uses for the recycled materials, including the name and location of the entity receiving the proposed materials. Letters of intent are sufficient for this item. If the information in this item is considered confidential, then documents shall be stamped as such and the Solid Waste Section will handle in accordance with applicable General Statutes.
  - i. A letter from the local fire marshall/chief of the appropriate fire dept. that has jurisdiction over this facility that a incident at this facility will be responded to with the appropriate equipment.
  - j. A narrative describing how Asbestos Containing Materials(ACM's) will be screened for and how such materials will be handled if received( an approval letter from the Health Hazards Control Branch addressing an approved plan).



- T15: 13B .0100
- (b) Existing permitted landfills will require a new permit, in accordance with .0504(g)(i) and (ii), before acceptance of waste generated outside the boundaries of North Carolina.

*History Note: Statutory Authority G.S. 130A-294; Eff. February 1, 1988.*

## **SECTION .0200 - PERMITS FOR SOLID WASTE MANAGEMENT FACILITIES**

Rules .0201 - .0205 of Title 15A Subchapter 13B of the North Carolina Administrative Code (T15A.13B .0201 - .0205); have been transferred and recodified from Rules .0201 - .0205 of Title 10 Subchapter 10G of the North Carolina Administrative Code (T10.10G .0201 - .0205), effective April 4, 1990.

### **\* .0201 PERMIT REQUIRED**

(a) No person shall establish or allow to be established on his land, a solid waste management facility, or otherwise treat, store, or dispose of solid waste unless a permit for the facility has been obtained from the Division.

(b) The permit shall have two parts, as follows:

(1) A permit to construct a solid waste management facility shall be issued by the Division after site and construction plans have been approved and it has been determined that the facility can be operated in accordance with the applicable rules set forth in this Subchapter and so as to provide reasonable protection to the environment and the public health. An applicant shall not clear or grade land or commence construction for a solid waste management facility until a construction permit has been issued.

(2) A permit to operate a solid waste management facility may not be issued unless it has been determined that the facility has been constructed in accordance with the construction permit, that any pre-operative conditions of the construction permit have been met, and that the construction permit has been recorded, if applicable, in accordance with Rule .0204 of this Section.

(c) Land clearing and inert debris facilities may be issued a combined permit to construct and operate the facility.

(d) Land clearing and inert debris facilities subject to Rule .0563(1) may construct and operate after notification as provided for under Rule .0563(2).

(e) Permits, including those issued prior to the effective date of this Rule, shall be reviewed every five years. Modifications, where necessary, shall be made in accordance with Rules in effect at the time of review for those areas of a permitted sanitary landfill site which have not previously received solid waste.

(f) All solid waste management facilities shall be operated in conformity with these Rules and in such a manner as to prevent the creation of a nuisance, insanitary conditions, or potential public health hazard.

*History Note: Statutory Authority G.S. 130A-294; Amended Eff. January 4, 1993*

### **\* .0202 PERMIT APPLICATION**

(a) Application for permits required by Rule .0201 of this Subchapter should be forwarded to the Solid Waste Branch, Division of Health Services, P.O. Box 2091, Raleigh, N.C. 27602. Permit applications shall contain the following information:

(1) Site and construction plans;

(2) An approval letter from the unit of local government having zoning authority over the

area where the facility is to be located stating that the proposed facility meets all of the requirements of the local zoning ordinance, or that the site is not zoned;

- (3) Detailed plans and specifications for solid waste management facilities (except demolition landfills) shall be prepared by a professional engineer. The plans shall bear an imprint of the registration seal of the engineer; and the geological study shall bear the seal of a licensed professional geologist, in accordance with N.C.G.S. Chapter 89E; and

- (4) Any other information pertinent to the proposed facility.

(b) Specific information for a permit application is found in Sections .0300, .0400 and .0500 of this Subchapter.

*History Note: Statutory Authority G.S. 130A-294 Amended Eff. February 1, 1991*

### **.0203 PERMIT APPROVAL OR DENIAL**

(a) Upon receipt of a permit application, the Division shall review the request to assure that all provisions of these Rules, the Solid Waste Management Act, and the Federal Act, will be met. Based on its review, the Division shall either approve or deny the request in writing.

(b) When an application is approved, the applicant shall be mailed a permit. If the approval is contingent upon certain conditions being met by the applicant, such conditions shall be noted on the permit.

(c) Before receiving solid waste on a new site, an inspection shall be made by a representative of the Division to assure that the site is prepared in accordance with the permit.

(d) By receiving solid waste on a new site, the applicant shall be considered to have accepted the conditions.

(e) When the Division denies a permit for a solid waste management facility, it shall state in writing the reason for such denial and shall also state its estimate of the changes in the applicant's proposed activities or plans which will be required in order that the applicant may obtain a permit. A denial shall be without prejudice to the person's right to a hearing or for filing a future request after revisions are made to meet objections specified as reasons for denial. Reasons for denial are:

- (1) Submission of incomplete information;
- (2) Failure to meet the requirements set forth in Sections .0300, .0400 and .0500 of this Subchapter applicable to the type of facility applied for; or
- (3) The past conduct by the applicant, as defined in G.S. 130A-309.06(b), which has resulted in repeated violations of solid waste management statutes, these Rules, or orders issued thereunder, or violations of permit conditions of a solid waste management facility located in this State; or
- (4) Any other reasons which would prevent the solid waste facility or site from being operated in accordance with Article 9, Chapter 130A of the General Statutes, these Rules, the Federal Act, or acceptable engineering or public health and environmental standards.

(f) Appeals of permit decisions shall be in accordance with Article 3 of N.C.G.S., Chapter 150B, and the Rules adopted thereunder.

*History Note: Statutory Authority G.S. 130A-294; Amended Eff. February 1, 1991*

**\*.0204 RECORDATION OF LAND DISPOSAL PERMITS**

(a) Whenever the Division approves a permit for a sanitary landfill or a facility for the disposal of hazardous waste on land, the owner of the facility shall be granted both an original permit and a copy certified by the secretary or his authorized representative. The permit shall include a legal description of the site that would be sufficient as a description in an instrument of conveyance.

(b) The owner of a facility granted a permit for a sanitary landfill or a facility for the disposal of hazardous waste on land shall file the certified copy of the permit in the register of deeds' office in the county or counties in which the land is located.

(c) The register of deeds shall record the certified copy and index it in the grantor index under the name of the owner of the land.

(d) The permit shall not be effective unless the certified copy is filed as required under Paragraph (b) of this Rule.

(e) When any sanitary landfill or a facility for the disposal of hazardous waste on land is sold, leased, conveyed or transferred in any manner, the deed or other instrument of transfer shall contain in the description section in no smaller type than that used in the body of the deed or instrument a statement that the property has been used as a sanitary landfill or a disposal site for hazardous waste and a reference by book and page to the recordation of the permit.

*History Note: Statutory Authority G.S. 130A-294; Eff. April 1, 1982.*

**.0205 VARIANCES**

*Repealed effective July 1, 1990 in accordance with G.S. 150B-59(c).*

**SECTION .0300 - TREATMENT AND PROCESSING FACILITIES**

Rules .0301-.0302 of Title 15A Subchapter 13B of the North Carolina Administrative Code (T15A.13B .0301 -.0302); have been transferred and recodified from Rules .0301-.0302 of Title 10 Subchapter 10G of the North Carolina Administrative Code (T10.10G .0301 - .0302), effective April 4, 1990.

**.0301 APPLICATION REQUIREMENTS**

This Rule contains the information required for a permit application for each treatment and processing facility. A minimum of three sets of the following information shall be required in each application:

- (1) Site and operation plans;
- (2) An approval letter from the unit of local government having zoning authority over the area where the facility is to be located, stating that the proposed facility meets all of the requirements of the local zoning ordinance, or that the site is not zoned; and
- (3) Any other information pertinent to the proposed facility.

*History Note: Statutory Authority G.S. 130A-294; Amended Eff. February 1, 1991.*

**.0302 OPERATIONAL REQUIREMENTS**

Any person who maintains or operates a treatment and processing facility shall maintain and operate the facility in accordance with the following practices unless otherwise specified in the permit:

- (1) Operational plans shall be approved and followed as specified for the facility;
- (2) A facility shall only accept wastes which it is permitted to receive;
- (3) Water that comes in contact with solid waste will be contained on-site or properly treated prior to discharge from the site. A NPDES permit may be required prior to discharge to surface waters;
- (4) Equipment for fire control shall be available;
- (5) Effective vector control measures shall be applied to control flies, rodents, and other insects or vermin;
- (6) Equipment shall be provided in the storage and charging areas and elsewhere as needed or as may be required in order to maintain the facility in a sanitary condition; and
- (7) Appropriate methods shall be provided to confine material subject to be blown by the wind within the area. At the conclusion of each day of operation, all windblown material resulting from the operation shall be collected and returned to the area by the owner or operator.

*History Note: Statutory Authority G.S. 130A-294; Eff. April 1, 1982.*

**SECTION .0400 - TRANSFER FACILITIES**

Rules .0401 - .0402 of Title 15A Subchapter 13B of the North Carolina Administrative Code (T15A.13B .0401 - .0402); have been transferred and recodified from Rules .0401 - .0402 of Title 10 Subchapter 10G of the North Carolina Administrative Code (T10.10G .0401 - .0402), effective April 4, 1990.

**.0401 APPLICATION REQUIREMENTS**

This Rule contains the information required for a permit application for each transfer facility. A minimum of three sets of the following information shall be required in each application:

- (1) Site and operation plans;
- (2) An approval letter from the unit of local government having zoning authority over the area where the facility is to be located, stating that the proposed facility meets all of the requirements of the local zoning ordinance, or that the site is not zoned; and
- (3) Any other information pertinent to the proposed facility.

*History Note: Statutory Authority G.S. 130A-294; Amended Eff. February 1, 1991.*

**.0402 OPERATIONAL REQUIREMENTS**

Any person who maintains or operates a transfer facility shall maintain and operate the facility in conformance with the following practices unless otherwise specified in the permit.

- (1) Operational plans shall be approved and followed as specified for the facility;
- (2) A facility shall only accept those wastes which it is permitted to receive;
- (3) Water that comes into contact with solid waste will be contained on-site or properly treated prior to discharge from the site. An NPDES permit may be required prior to discharge

P.O. Box 176  
Aydlett, NC 27916  
Phone: 252-453-3032  
Fax: 252-453-3032

**Soundside Recycling  
& Materials, Inc.**

# Fax

<b>To:</b> Jim Coffee	<b>From:</b> Racy Newbern
<b>Fax:</b> 919-733-4810	<b>Date:</b> January 3, 2000
<b>Phone:</b> 919-733-4996	<b>Pages:</b> 5
<b>Re:</b> Jim Barber	<b>CC:</b> Operations plan

Urgent     For Review     Please Comment     Please Reply     Please Recycle

**•Comments:** please review and call with comments 252-491-8424 or fax 252-491-2514

## **Soundside Recycling & Materials, Inc.**

P.O. Box 176  
Aydlett, NC 27916

### **Operation Plan**

Soundside Recycling and Materials, Inc. will be taking in new residential construction waste from the Northern Dare County Beaches and Currituck County. The waste will be delivered to the site by the local waste haulers for a waste disposal-tipping fee of fifty dollars per ton. Once delivered the waste will be separated, and processed on the site that is located in Powell's Point off of Buster Newbern Road. This site has had no major grading that would alter the distance to the ground water level. The operations and stockpiles will be 100 feet from all buildings, wells, and surface waters. We plan to have the stockpile of waste concrete that is already on site crushed within two months of the opening of the site. We will use this to stabilize the surface of the site.

When the waste is delivered to the site it will be weighted on the existing scales and then inspected to ensure that it is new construction waste. The scale person will look in each load to ensure that it is new construction waste. Since we only accept new construction waste this should reduce the risk of handling asbestos.

The unacceptable waste is used building materials and asbestos containing materials. Bypass materials are non-recyclable plastics, fiberglass insulation, tile, used paint cans, containers that are not empty, and any other non-recyclable material. If a load of unacceptable waste is dumped it will be reloaded with in one day on the same haulers truck to be carried to the landfill. The acceptable waste will be stored outside and separated with in one week of being dumped. Most of the waste will be separated the same day it is dumped. The cardboard and most of the plywood will be separated by hand before the remainder is loaded on the picking conveyer. We will also pick out any bypass material such as open paint containers before it is loaded on the picking conveyer to reduce the amount of ground contamination.

Once the materials are separated they will be processed. The materials to be recycled will be cardboard, non-treated wood, gypsum board, plastics, metal, glass, and shingles. The cardboard, and plastics will be bailed into one thousand pound bails in the press. The bails will be stored outside until we accumulate a tractor-trailer load. We intend to purchase a shipping container to store the bailed cardboard within six

months of opening. The non-treated wood will be stockpiled up to a month before it is loaded into the grinder to be shredded, and then either composted or colored for mulch in the Batch mix colorizer. The reason for not constantly grinding is the danger of objects being ejected from the grinder. We will grind when we have approximately 100 tons of wood in the stockpile on Saturday to minimize the amount of employee's on the yard. All wood will be stored outside in stockpiles. The gypsum board will be shredded daily in the grinder, and then either composted or land applied promptly after it is received to reduce the chance it will get wet. The compost and ground gypsum that is not sold will be land applied on the land of Newbern Brothers Farms. The metals will be sorted depending on their type. The glass will be separated by color and then sent to the County Recycling Center. The shingles will be stored in a stockpile outside for 6 months before it is shredded and mixed with asphalt. Treated wood that can be used will be sorted and stacked outside for reuse. Treated wood that cannot be used will be loaded on the bypass trash container. Bypass material will be loaded in a trash container and will be sent to the Currituck County Transfer Station at least once a week. We will also collect used pallets to grind into mulch and will be stored outside in the unprocessed wood area until we have approximately 200 pallets.

Soundside Recycling and Materials, Inc. will be using a variety of different markets to recycle these products. The cardboard will be recycled with Butler Paper Recycling, Inc. in Suffolk, VA. The Plastics will be recycled with APL Plastics, Inc. in Greensboro, NC. The wood products will be sold to homeowners, and landscaping companies as mulch or compost by the Yard. The gypsum board will be sold for land application to farmers, or will be added to our compost pile. The metals will be sold to local markets, or scrap yards depending on price.

The materials will be processed using a small articulating loader with a grapple bucket and a  $\frac{3}{4}$  yard bucket. A home made 4 foot wide picking conveyer that is 35 foot long will be modified by adding a hopper to dump in and by adding walk ways for the people to stand on. We have an American environmental baler cardboard press, and we plan to purchase a Morbark N-Viro mulch-coloring unit. A Morbark 1050 tub grinder has a 10-foot tub and a 400-horse power engine. The gypsum will be shredded in an agricultural feed grinder that has a dust collection system and converted to grind the gypsum. If the feed grinder does not work for grinding the gypsum we will use the tub grinder.

We would like to open at a 1/3 capacity for 2 months so we can have time to improve the site and to have some materials to get started with.

After this 2 month period we will have the site cleaned up and stabilized. During this time all separating will be by hand while we modify the conveyer. We will obtain a loader and some containers when we open. We already have the grinder, the conveyer, the recycling press, and the feed grinder. With the limited space we have to work with we will have to be aggressive in marketing the recyclable materials.

Horatio D. Newbern IV.

# SOUNDSTIDE RECYCLING & MATERIALS, INC. RECYCLING AREA

