

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



June 2, 1998

JAMES B. HUNT JR.
GOVERNOR

WAYNE McDEVITT
SECRETARY

WILLIAM L. MEYER
DIRECTOR

Mr. Jeff Newbern, President
Green Acres Land Development Co., Inc.
Post Office Box 332
Powells Point, North Carolina 27966

Re: Air Curtain Burner Treatment and Processing Facility located on the Melson Sand
Pit site owned by Randolph S. Brent.
Solid Waste Permit #: 27-04

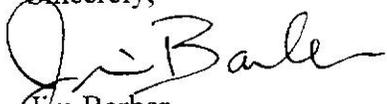
Dear Mr. Newbern:

Enclosed please find a Solid Waste Permit to Construct and Operate a Air Curtain Burner
Treatment and Processing Facility and the conditions of the Solid Waste Permit for the
above referenced facility.

This permit is for a one (1) year period of time from the date of issuance and approves the
construction and operation of the above referenced facility. Prior to the expiration date of
the permit the Division of Waste Management will review the operational record for the
facility to determine if a permit from the Division will be necessary for future operations
at the site. Based upon operational records and rules in effect at that time, changes may be
required, if a permit is required for future operations. If it is deemed necessary to require
this facility to have a Solid Waste permit and no changes are required, the Division will
re-issue the permit for an additional five (5) years.

If you have any questions or require any other assistance, please contact Mr. Chuck Boyette
at (919) 946-6481. I can be reached in the Fayetteville Regional Office at (910) 486-1191.

Sincerely,



Jim Barber
Eastern Area Engineer

Enclosures

cc: Jim Coffey, Supervisor Permitting Branch
Terry Dover, Eastern Area Supervisor
✓ Chuck Boyette, Waste Management Specialist
Raleigh Central File - Currituck County (27-04)

FAYETTEVILLE REGIONAL OFFICE
225 GREEN STREET, SUITE 601, FAYETTEVILLE, NC 28301-5043
PHONE 910-486-1191 FAX 910-486-1791

AN EQUAL OPPORTUNITY / AFFIRMATIVE ACTION EMPLOYER - 50% RECYCLED/10% POST-CONSUMER PAPER

PERMIT NUMBER: 27-04
DATE ISSUED: 6/2/98

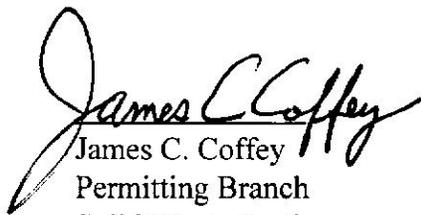
SOLID WASTE PERMIT

Green Acres Land Development

is hereby issued a permit to construct and operate a

Air Curtain Burner Treatment and Processing facility

located west of S .R. 1112, Tax Map 24 - Lot 62C, in Powells Point, Currituck County, North Carolina in accordance with Article 9, Chapter 130A, of the General Statutes of North Carolina and all rules promulgated thereunder and subject to the conditions set forth in this permit.



James C. Coffey
Permitting Branch
Solid Waste Section
Division of Waste Management

Air Curtain Burner/LCID Treatment & Processing Facility

CONDITIONS OF PERMIT

1. This permit is issued for a period not to exceed one year from the date of issuance, June 2, 1999. Prior to the expiration date of this permit the Division of Waste Management will review the operational record for the facility to determine if a permit from the Division will be necessary for future operations at the site. If it is deemed necessary to require this facility to have a Solid Waste permit, and no changes are needed, the Division will re-issue the permit for an additional five (5) years. This permit is for the construction and operation of the Air Curtain Burner/LCID Treatment & Processing facility as described in the approved plans and documents.
2. This permit is not transferable by the Permittee. Future owners or operators must obtain a new solid waste permit from the Solid Waste Section.
3. This facility shall be maintained and operated in accordance with all applicable Solid Waste Management rules and the approved operations plan prepared by Jeff Newbern of Green Acres Development Co.. Amendments or revisions to the Solid Waste Management Rules or violation of groundwater standards may necessitate the modification of the construction and operation plans or closure of this facility prior to 2 June 1999. The operating and permit conditions are subject to revision at any time in the event that conditions arise which threaten the environment or public health, or that have the potential to threaten the environment or public health.
4. Site preparation shall be in accordance with the approved site plan and in accordance with the approved mining permit. The following requirements shall be followed prior to and after receiving a "PERMIT TO OPERATE" from the Solid Waste Section:
 - a. A site inspection shall be made by representatives of the Solid Waste Section.

- b. A revised site plan and/or revised operations plan shall be submitted if any changes are made to the facility during construction or operation, that differ greatly from the approved application.
 - c. The permit number and the words "NO HAZARDOUS OR LIQUID WASTES ACCEPTED" shall be posted on an entrance sign with the phone number of the emergency contact.
 - d. Storage areas shall be clearly identified at the site for LCID materials to be processed.
5. The site shall be adequately secured by means of gates, chains, berms, fences, etc., to prevent unauthorized entry except when an operator is on duty. A sign shall be posted at the entrance to the facility containing the facility name, contact name and number, hours of operation, and permit number. An attendant shall be on duty at the site at all times while it is open for public use to assure compliance with operation requirements and to prevent entry of hazardous waste and other unacceptable waste onto the site.
6. All earth-disturbing activities will be conducted in accordance with all applicable federal, state, and local requirements and in accordance with the approved mining permit. Adequate erosion control measures shall be practiced to prevent silt from leaving the site in accordance with the Sedimentation Control Act, 15A NCAC 4. Temporary seeding shall be utilized as necessary to control erosion. If necessary, to prevent erosion, seeded slopes shall be covered with straw or similar material.
7. Water that comes in contact with waste materials (LCID waste) shall be managed on-site to prevent contravention of surface or ground water standards. Ground water quality at this facility is subject to the classification and remedial action provisions of 15 NCAC 2L. Stormwater shall be managed in accordance with the approved mining permit.

8. LCID waste shall not be tipped, stored, or stockpiled in standing water. Surface water shall be diverted from the operational area and not allowed to be impounded over or around LCID waste.
9. Effective vector control measures shall be applied to control flies, rodents, insects, vermin, and any other potential vectors.
10. Dust control measures shall be utilized to minimize dust and wood ash emissions.
11. Open burning of LCID waste shall be in accordance with Air Quality Permit #8519R00, dated 12 December 1997 and the facility shall be maintained and all operations conducted in strict adherence with the conditions and limitations of that permit.
12. Equipment shall be provided to control accidental fires or arrangements shall be made with the local fire protection agency to immediately provide fire-fighting services when needed. All employees shall be trained in fire prevention and emergency action procedures.
13. Fires and non-conforming waste incidents shall be reported to the Regional Waste Management Specialist within twenty-four (24) hours followed by a written notification to be submitted within fifteen (15) days.
14. This facility is permitted to burn only Land Clearing waste as defined in NCAC 13B .0101 (53); copy enclosed.
15. All operations shall be conducted in accordance with the approved operations plan; Air Quality Permit and the following additional conditions:
 - a. Within 90 days of the dated of this permit a ash management/utilization plan shall be submitted to the Solid Waste Section that details how the wood ash generated will be land applied, mixed with on-site mined soils or mixed with top soils screened from incoming material.

- a. At least four separate composite samples of wood ash (based on four pit cleanings) shall be taken from the pit burner and analyzed to provide information on metals content, calcium carbonate equivalent, and any other information necessary in preparing an ash management plan. Contact the local Currituck County agricultural extension agent for assistance with soil sampling and analysis.
 - b. If land application of the wood ash is chosen as the method of management, please provide the location of the site for Solid Waste records.
 - c. If assistance is needed during the preparation of the ash management plan from the Solid Waste Section, please contact Ted Lyon at (919) 733-0692 Ext: 253.
16. Records shall be maintained for the amount of material received, materials processed, and materials removed from the facility.

ATTACHMENT

The following documents are incorporated in the Division Approved Plan for Permit No. 74-05:

1. Letter dated 29 September 1997 from Currituck County Planning and Inspections Department addressing zoning/Special Use Permit for the Property located as Tax Map 124 and Lot 62C for a LCID site and air curtain burner site on property leased by Jeff Newbern of Green Acres Land Development.
2. Revised site plan for the site received 15 May 1998.
3. Operations Plan dated 17 April 1998, received 20 April 1998...
4. Air Quality Permit dated 12 December 1998.
5. Response letter dated 13 May 1998, received 15 May 1998.
6. Certification by Land Owner affidavit signed 12 May 1998 by Randolph S. Brent III.
7. Land Quality Permit for the Melson Sand Pit dated 28 April 1995; Permit # 27-02.