



March 13, 2013

PN: 140002

NC Department of Environment and Natural Resources
Division of Waste Management - Solid Waste Section
Attn: Elizabeth Werner
1646 Mail Service Center
Raleigh, NC 27699-1646

RE: Response to Request for Additional Information
Application for Permit Renewal Request
Blaylock Grading LCID Landfill
SWS Permit No. 43C-LCID
(via email)

Ms. Werner,

On behalf of the Blaylock Grading LCID Landfill, please find the following additional information:

1. Below is a summary of the acreages and cubic yardage associated with each of the 4 fill phases shown on the plans. Currently, Phase 1 is complete and waste is currently being placed in Phase 3 and Phase 4. Phase 2 is not formally closed due to needing to maintain drainage and may have additional waste placed in that phase prior to overall closure.

Phase	Acreage	Total Airspace (cy)	Airspace Left (cy)*
1	3.47	104,000	0
2	3.71	178,000	15,400
3	3.91	121,000	42,070
4	4.35	122,000	63,100

* estimates as of December 2012 survey

2. Attached is a revised operational plan with the requested questions added to the Semi-Annual Inspection Checklist contained within.



We hope that this information is sufficient for approval of the permit renewal. Should you have any additional questions, concerns, or need additional information, please do not hesitate to contact our office at the numbers below.

Sincerely,

A handwritten signature in black ink, appearing to read "C. Tyrus Clayton, Jr.", written in a cursive style.

C. Tyrus Clayton, Jr., PE

Attachment: Revised Operation Plan

cc: file
Harold Blaylock

OPERATION PLAN

The following Operation Plan has been created for the **Blaylock Grading Land Clearing and Inert Debris Landfill** in accordance with NCDENR-SWS Rule 15A NCAC 13B .0566.

1. The approved plans will be followed.
2. This facility will be open normally Monday thru Friday from 7am to 5pm. During specific projects, the facility may extend its operating hours later during the day, or be open on Saturday and/or Sunday. Refer to Item 3 below.
3. The Blaylock Grading LCID Landfill accepts waste from the public. The source of the waste will generally be private land clearing and landscape maintenance operations in western Harnett County, southern Lee County and eastern Moore County. The site will be secured with a locked gate. Approved LCID waste will be brought through the locked gates to the appropriate disposal area. Signs will be posted at the entrance to the facility showing the contact name and number and the permit number.
4. Access roads are of all-weather construction and will be properly maintained.
5. The Blaylock Grading LCID Landfill will accept only waste as defined in 15A NCAC 13B .0563 (1)(a). No other waste shall be permitted in this area. The list of wastes accepted at the LCID landfill is as follows:
 - a. Stumps
 - b. Trees
 - c. Limbs
 - d. Brush or Yard Trash
 - e. Other naturally occurring vegetative material
 - f. Unpainted concrete
 - g. Unpainted brick
 - h. Unpainted concrete block
 - i. Uncontaminated soil
 - j. Asphalt
 - k. Gravel
 - l. Rock
 - m. Untreated, unpainted wood (note that pallets, dimensional lumber, or any wood material that is considered to be construction and demolition debris may not be accepted at an LCID landfill)
6. The onsite facility attendant will visually check incoming loads for unauthorized waste and redirect the hauler as appropriate. Hazardous waste and liquids are not accepted. Other unacceptable waste such as waste tires, appliances, construction and demolition debris, and household garbage will not be accepted. Any unacceptable material found on the landfill will be removed, appropriately stored as necessary, and delivered to an approved/permitted facility or landfill for that type of waste. Standard procedures for waste handling and hauling, as dictated

by state and federal laws, will be followed. Unacceptable wastes will be removed from the facility on a weekly basis.

7. In order to maintain an orderly work area and to minimize erosion, the working face of the LCID will be kept as small as possible with a ½ acre maximum size. Waste will be compacted as densely as practical. Waste will be deposited in the upper areas first, thus ensuring that surface runoff is flowing away from the working face.
8. The site will be graded using a bulldozer to ensure that proper drainage of the area is maintained, thus diverting water away from the working face and eliminating any ponding of water on top of the waste.
9. Waste will not be disposed of in water.
10. Any leachate generated shall be managed on site through the use of current best management practices.
11. Adequate soil cover shall be applied monthly, or when the active area reaches one acre in size, whichever comes first. At least one foot of suitable soil cover shall be applied to the phase within 120 calendar days of its completion. Areas must be seeded in order to reduce erosion within 30 working days of completion of any phase.
12. Adequate erosion and sediment control measures, structures, and devices shall be employed and maintained to prevent silt from leaving the site and to prevent excessive erosion.
13. The concentration of explosive gases, if generated by the facility, will not exceed the following:
 - a. 25% of the lower explosive limit (LEL) for the gases in facility structures
 - b. The LEL for the gases at the property boundary
14. Open burning will not be conducted at the landfill. Should an accidental fire start at the landfill, landfill equipment will be summoned to extinguish the blaze. If the fire is beyond the capability of existing equipment, the local fire department will be summoned.
15. All incoming Inert Debris shall go directly to the Landfill.
16. Periodically, the Operator will evaluate the overall landfill operations. Twice yearly, an evaluation of the general site conditions will look for problems with routine operations. A site inspection checklist is attached to the end of this document. Any deficiencies can be incorporated into a “punch list” for further action. After evaluation, any deficiencies noted should be corrected.
17. Markers shall be placed to clearly delineate the edge-of-waste around the perimeter of every active, inactive and closed disposal area. All markers must be maintained throughout the life of the landfill and throughout the required

period of post-closure care. In addition, facility staff should be aware of and be able to show Division staff the permitted boundary of the facility.

18. Closure Activities: On or before 120 calendar days after completion of any phase of disposal operations, or upon revocation of a permit, the disposal area shall be covered with a minimum of one foot of suitable soil cover sloped to allow surface water runoff in a controlled manner. The soil cover shall be fertilized, limed and seeded. Erosion control matting shall be applied to assist in achieving stabilization. Further actions in order to correct any condition which is or may become injurious to the public health or a nuisance to the community may be required by DENR.
19. Post Closure Activities: Due to the non-putrescible nature of LCID waste, it is anticipated that the post-closure activities for the LCID landfill will not extend beyond cover/site maintenance. Once the LCID landfill is closed, the site will be stabilized with vegetation. Erosion and sediment control measures will be monitored and maintained throughout the post closure care period.

Under post closure care, the Operator shall maintain the closure cap on the LCID landfill as necessary. It is important that the vegetative cover be retained in a good condition and this task is accomplished through reseeding, fertilizing and mowing. The LCID landfill shall have a soil cap. The grass on the LCID landfill shall be mowed once a year. In addition, the access roads into and on the facility caps, and the stormwater conveyance system shall be maintained in good condition. These facilities shall be inspected periodically and repaired as necessary.

The LCID landfill property will be maintained as open space after completion of closure activities.

20. All required records, correspondence, etc. that pertain to the operation and permit compliance of this facility will be stored at the office of Blaylock Grading Company, L.L.P., located at:

Blaylock Grading Company, L.L.P.
345 Caulton Brown Road
Lillington NC 27546
(910) 893-8653

Should this location change, the Owner will notify the NCDENR – Solid Waste Section of the change.

SEMI-ANNUAL INSPECTION CHECKLIST

**BLAYLOCK GRADING LCID LANDFILL
SWS PERMIT #43C-LCID**

Date of Inspection: _____ **Weather:** _____

Inspector's Name: _____

Category	No.	Inspection Item to be Conducted	(Circle Answer)	
Site Access and Control	1	Is entrance gate and lock functioning properly?	Yes	No
	2	Is fencing maintained?	Yes	No
	3	Is access controlled by wooded areas where no fence exists?	Yes	No
	4	Are conditions of roads from State Road to landfill acceptable?	Yes	No
	5	Is traffic pattern safe for landfill users?	Yes	No
	6	Is proper signage at entrance? Is the information current?	Yes	No
Waste Handling	7	Are wastes being deposited and contained within designated areas?	Yes	No
	8	Is working face contained to ½ acre or less?	Yes	No
	9	Are any unacceptable wastes present on working face or surrounding areas?	Yes	No
	10	Are unacceptable wastes removed from cell being handled and removed from site per the operational plan?	Yes	No
	11	Is surface water being properly diverted away from the working face?	Yes	No
	12	Are all edge of waste markers in place and undamaged	Yes	No
Closed and Inactive Areas	13	Are finished areas of the cell being properly covered with soils?	Yes	No
	14	Is there any waste exposed on inactive areas of the cell?	Yes	No
	15	Has final cover been applied to areas at final grade?	Yes	No
	16	Is vegetative cover established on closed and inactive areas?	Yes	No
	17	Is there settlement occurring or water ponding on closed or inactive areas?	Yes	No
	18	Does the vegetation require mowing and is the vegetation healthy?	Yes	No
Erosion and Sediment Control	19	Are the Erosion & Sediment Control devices being properly maintained?	Yes	No
	20	Is there any evidence of erosion, rills, or gullies on the surface of the landfill and surrounding areas?	Yes	No
	21	Do the sediment basins/traps require cleaning?	Yes	No
	22	Are inactive and closed areas receiving vegetative cover in a timely manner?	Yes	No
Records	23	Are previous inspection records up to date and properly filed?	Yes	No
	24	Is a copy of the current SWS permit in the file?	Yes	No
	25	Are records of facility audits by SWS present?	Yes	No
	26	Are records maintained of incoming waste volumes/loads?	Yes	No
	27	Are records of rejected loads/materials and actions taken maintained?	Yes	No

Notes: _____

(use back as necessary)