

DAVIS LCID LANDFILL

CAMP CREEK ROAD

IRON STATION, NORTH CAROLINA

OPERATIONAL REQUIREMENTS

OCTOBER 2020

TONY LEON DAVIS

756 Camp Creek Road

Iron Station, NC 28080

Permit Prepared by:



2730 Maiden Highway

Lincolnton, NC 28092

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1. Description of Facility

The proposed Davis LCID Landfill site is located on 876 Camp Creek Road between NC Hwy #73 East and Furnace Road. Entrance to the site is along the eastern side of Camp Creek Road and to the east of the City of Lincolnton, North Carolina.

A. Location Map

Refer to Site Plans for a copy of the Site Location Map.

B. Owner Contact Information

Tony Leon Davis
756 Camp Creek Road
Iron Station, NC 28080
(704) 732-8915 (Home)
(980) 241-9565 (Cell)

C. Summary: disposal area, operation, and closure

Disposal Area: The disposal area shall include approximately 2.0 acres of property located within the rezoned boundaries of two tracts that combined make up a 26.955-acre tract owned by Juanita Davis Life Estate.

Operation: The site will be operated as a commercial Land Clearing and Inert Debris Landfill, receiving materials predominately from grading contractors doing residential land clearing for the construction of new homes in the area. Hours of operations will be from 8:00 am to 8:00 pm Monday thru Friday and 8:00 am to noon on Saturday. The Operations will conform to all of the requirements of the approved Operations Plan.

Closure: Within 120 days of the completion of the final disposal operations, the disposal area shall receive a minimum of 4-foot of suitable soil cover. The cover shall be sloped to allow surface water runoff in a controlled manner. Adequate ground cover shall be provided to restrain erosion within 14 working days of the completion of waste disposal site. Additional cover and groundcover requirements are in Section #4 and #5 of this manual.

Post-Closure Use: The site will be seeded as required to close out the landfill per NC DEMLR Solid Waste Section and to provide adequate erosion control. No additional use is proposed but will developed into future pasture area.

2. Description of Waste

A. Types of Waste Accepted at Facility

The facility shall accept selected waste materials from Section .0560 Land Clearing and Inert Debris (LCID) Landfills of the Solid Waste Management Rules. The owner has chosen to limit the items accepted as follows:

- 1) Land Clearing Debris: Stumps, trees, limbs, and other natural occurring vegetation.
- 2) Inert Debris: Concrete, concrete block, gravel, rock and dirt.
- 3) Used Asphalt

3. Working Face

A. General Description

The working face shall at all times be kept to the minimal widths that are practicable. The overall width should not exceed 80 feet unless specific conditions warrant such and the working face shall be kept at less than 50 feet in width.

4. Operational Cover Requirements

A. Monthly Cover Requirements

Adequate soil cover shall be placed over the LCID materials at a frequency not less than once per two weeks. In addition, should an active working area exceed 1-acre in size, adequate soil cover shall be placed over the materials.

B. Final Cover Requirements

Four foot of cover with suitable soils shall be provided over all areas of disposal to be closed.

5. Sedimentation Control Measures

A. General Description

The site topography generally falls to the south. The key erosion control device is a sediment basin with skimmer device and associated sediment baffles. The facility must comply with the approved Erosion and Sedimentation Control Plan for the site.

6. Facility Security Measures

- A. General Description
- B. The site includes existing 8' high tensile woven wire fencing and a proposed double 20' wide entrance swing gate along the access of Camp Creek Road. The gate shall remain closed when the facility is not being used. Existing fencing around the perimeter of the entire tract along and the natural buffers limit accessibility in these areas. A sign will be placed at the entrance gate with the facility name, permit number and owner contact information for ease of identification.
- C. Landfill Attendant
The Davis LCID Landfill is a commercial disposal facility and will be manned by the owner (or his designee) at all times the landfill is open.

7. Leachate Management

- A. Description of Best Management Practices

The disposal area base grades shall remain a minimum of 4-foot vertically separated from seasonal high groundwater elevations. The disposal area shall receive both intermediate and final cover as required by Section .0566 of the Solid Waste Management Rules. In addition, the landfill side slopes shall be maintained to both promote runoff from the disposal area and direct it to the erosion control sediment basin while also maintaining stability and ground cover. The side slopes shall be no steeper than 3:1. Buffers from waters of the State and property lines shall be maintained as required by Section .0564(9) of the Solid Waste Management Rules.

8. Prohibited Operations

- A. Open Burning
Open burning is prohibited at the Davis LCID Landfill.
- B. Disposal in Water

Disposal of LCID materials within groundwater or existing streams is prohibited at the Davis LCID Landfill.

9. Emergency Contingency Plan

The entrance sign shall include the name of the facility, permit number, owner contact information and contact numbers for emergencies. Fire emergencies will be directed to the Pumpkin Center Fire Department and the Lincoln County Fire Marshall. The Davis LCID Landfill is located within the jurisdiction of the Pumpkin Center Fire Department.