

A Proposed Landfill in Cumberland County

The DEQ Application and Review Process

The Cumberland County Development Company, a subsidiary of Republic Services, Inc., has proposed constructing a landfill in Cumberland County.

The first major step in the development of a new landfill is for the local government to approve or deny its construction. The Cumberland County Board of Supervisors voted to approve rezoning the land for the landfill on Oct. 17, 2006.

Once a locality has approved a landfill, it is DEQ's responsibility to ensure the landfill is designed, constructed, operated and closed in accordance with the applicable laws, regulations and procedures. Citizens may comment on the draft permit during the public participation period of the Part B applica-

tion. If the applicant meets all the regulatory requirements, DEQ must issue the permit.

The Cumberland County Development Company has submitted an application for a wetlands (Virginia Water Protection) permit, a notice of intent to construct a landfill and the first and last parts of the solid waste permit application to DEQ. The county government has submitted an amended Solid Waste Management Plan that includes the proposed landfill.

DEQ is reviewing this information. Contacts and public participation opportunities for the different components are listed below:

Solid Waste Management Plan

Contacts

Dan Gwinner (804) 698-4218 or Dan.Gwinner@deq.virginia.gov
Sanjay Thirunagari (804) 698-4193 or Sanjay.Thirunagari@deq.virginia.gov.

Public participation

The amended plan to include the proposed landfill contained the following information on public participation: A public notice appeared on Dec. 15, 2006, in the *Farmville Herald*. A public hearing was held on Jan. 3, 2007, at the Cumberland County Courthouse.

Status

DEQ received an amended plan to include the proposed landfill on March 8, 2007, and additional information on June 29, 2007. DEQ approved the amendment to the plan on Sept. 28, 2007.

Wetlands Permit

Contact

Mark Bushing (434-582-6240 or Mark.Bushing@deq.virginia.gov

Public participation

A notice for public comment on the permit was published in the *Cumberland Bulletin* and the *Farmville Herald* on July 26, 2007, and July 27, 2007, respectively. The 30-day public comment period ended on Aug. 27, 2007.

Status

The permit was issued December 5, 2007, after approval by the State Water Board on December 4, 2007.

Solid Waste Permit - Notice of Intent

Contacts

Jason E. Williams (804) 698-4318 or Jason.Williams@deq.virginia.gov

Public participation

The applicant published the public notice in the *Cumberland Bulletin* and *Farmville Herald* on Nov. 10, 2006, and Nov. 17, 2006,

respectively. The public meeting was held on Nov. 28, 2006. Based on DEQ's comment, another public meeting was held on March 6, 2007. The public notice for this meeting appeared on Feb. 14, 2007, and Feb. 21, 2007, in the *Farmville Herald* and Feb. 15, 2007, and Feb. 22, 2007, in the *Cumberland Bulletin*.

Status

The applicant submitted the notice letter in December 2006. DEQ determined in April 2007 that all the necessary information had been received.

Solid Waste Permit - Part A

Contact

Jason E. Williams (804) 698-4318 or Jason.Williams@deq.virginia.gov

Public participation

No additional public participation is required for this stage.

Status

The applicant submitted this application in December 2006. DEQ determined in April 2007 that the application was administratively complete. DEQ has evaluated the technical aspects and has approved the Part A application. This initiates the review of the Part B portion of the application process.

Solid Waste Permit - Part B

Contacts

Jenny Poland (540) 562-6890 or Jenny.Poland@deq.virginia.gov

Public participation

DEQ will publish a public notice for a 45-day public comment period, which includes a public hearing, in a newspaper of general circulation in the locality after developing the draft permit.

Status

DEQ received the application on Aug. 24, 2007, and is finalizing its review.

Highlights of Proposed Cumberland County Development Company Landfill

Applicant	Cumberland County Development Company, LLC, a subsidiary of Republic Services, Inc., previously Allied Waste of North America, Inc.
Location	In Cumberland County, Virginia, about 6 miles east of Cumberland Courthouse along U.S. Route 60 (Anderson Highway) and about 1.2 miles south of U.S. Route 60 on the industrial park access road
Property / facility boundary	About 557 acres
Waste disposal boundary	About 314.4 acres (including leachate and gas management areas)
Notice of Intent, Part A and Part B application	Received: December 28, 2006. Original Part A application approved February 1, 2008, and later amended on May 1, 2008. Review of Part B application is currently being finalized. A monthly review status is available on the DEQ website at www.deq.virginia.gov/waste/partbdesign.html .
Local land use rezoning and siting certification	Local land use rezoning and siting certification from Cumberland County was included with the application. The Cumberland Board of Supervisors voted to approve the land rezoning for the landfill on Oct. 17, 2006. More information is on the county's website at www.cumberlandcounty.virginia.gov .
Traffic routes and volumes	From Interstate 95 and/or 64 to U.S. Routes 60 and 45. Host Agreement, Page 12, Section (d) says, "The Company shall require its Company Controlled Waste Stream Providers going to the Landfill to limit the use of that portion of Route 60 passing through the County Courthouse between the hours 7 a.m. and 8 a.m., and again between 3 p.m. and 4 p.m., Monday through Friday on days when county schools are in session, to a standard of no more than 4 trucks per hour."
Daily disposal limits	The daily average is 5,000 tons per day, and the daily maximum is 7,000 tons per day. A Virginia Department of Transportation Approval letter (dated Dec. 14, 2006) requires a left turn and a right turn lane on Route 60 at the entrance to the landfill for handling the 7,000 tons per day.
Demonstration of need	The applicant has demonstrated the need based on the requirements indicated in § 9 VAC 20-80-500.B.9.b that the remaining capacity in the facility is less than 10 years and the available permitted disposal capacity in the state is less than 20 years.
Flooding and geology	The location of the waste management unit is not within an area subject to base floods, and it is not located over a fault displaced during recent time (11,000 years). However, the proposed landfill is located within the Central Virginia seismic zone, and, in accordance with the regulations, a landfill may be constructed within a seismic zone if it is designed to meet the required factor of safety for those potential seismic impacts. A seismic zone is an area with an increased chance of being affected by vibrations within the Earth. The applicant has submitted the required calculations to demonstrate an adequate factor of safety.
Distance to nearest airport runway	More than 5 miles
Distance to regularly flowing surface water body or river	About 450 feet, which is greater than the 100 feet required by regulations
Distance to well, springs or other ground water	More than 500 feet. Regulations require 500 feet.
Distance to residence, schools, hospital, nursing home, or recreational area	About 800 feet, which is greater than the 200 feet required by regulations
Public water supply intake	There is no public water supply intake or reservoir located within three miles of the facility boundary.
Landfill impact statement	The potential impact of the proposed landfill on parks, recreational areas, wildlife management areas, critical habitat areas of endangered species, public water supplies, marine resources, wetlands, historic sites, fish and wildlife, water quality, and tourism has been assessed and addressed.
Notification to the adjacent property owners / occupants	Notification of the proposed landfill has been sent to the adjacent property owners and occupants by the applicant.

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Contacts

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Roanoke, VA 24019

Public Comment

DEQ opportunities for public comment
<http://www.deq.virginia.gov/info/publicnotices.html>