Wateree Station Landfill

How much sulfur dioxide (SO_2) will the scrubber remove?
At a cost of more than $200 million, the scrubber will reduce sulfur dioxide (SO_2) emissions by more than 95 percent. That is the equivalent of approximately 56 million pounds of SO_2 that will be eliminated from the air.

What are the other benefits of installing a scrubber?
In addition to removing more than 95 percent of sulfur dioxide (SO_2) emissions, the scrubber will eliminate 60 to 90 percent of mercury emissions.

Where will the landfill be located?
The landfill will be located on SCE&G property at Wateree Station.

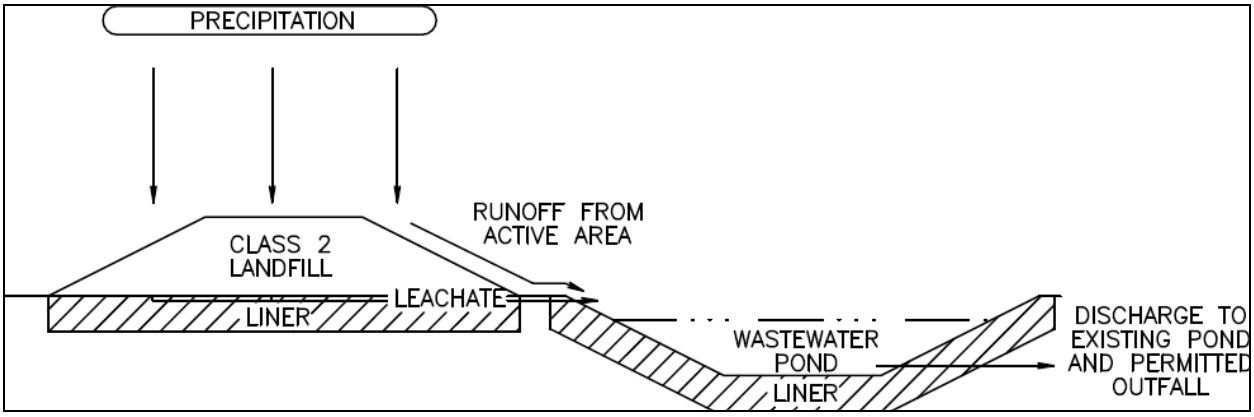
Will the landfill have a protective liner?
SCE&G will use the best-known engineering standards that meet or exceed industry regulations. The Wateree landfill will actually have at least three levels of protection designed to safeguard the groundwater:

- The landfill will have a liner made of two feet of clay, which has a natural ability to impede liquid flow and adjust to changes produced by external forces.
- The clay liner will be overlaid with a Geosynthetic Clay Liner (GCL). GCLs are high-performance environmental liners manufactured with durable, high-strength synthetic materials which offer significant resistance to physical or chemical breakdown in harsh environments. In addition, the GCL will be embedded with a uniform layer of low-permeability bentonite clay. Bentonite's high-swelling capacity and low permeability provide an effective hydraulic seal.
- On top of the GCL will be a leachate collection system that is designed to remove any liquids that would collect on top of the liner system and acts as a safety net to keep disposed materials out of the environment. In effect, materials placed in the landfill should not come into contact with groundwater.

What other measures are being taken to protect the environment and residents near the landfill?
The Wateree Station landfill project is intended to have a positive impact on the local residents and environment by improving air quality. The design of the landfill provides multiple safeguards to public health and the environment and has met or exceeded all local, state, and federal regulatory requirements.

In addition to the two-foot clay liner overlaid with highly durable synthetic materials, as well as a leachate collection system, a critical component of the disposal system is the landfill wastewater pond. The following safety features are incorporated in the landfill design:

- Liquids from the leachate collection system and stormwater runoff that falls on the landfill will be routed through the wastewater pond for treatment and monitoring.
- The wastewater pond will have an engineered liner designed to prevent wastewater migration into the environment.
- Once liquids in the wastewater pond have been treated, they will be routed to an existing onsite pond for final treatment.
- The landfill site will be monitored with a series of groundwater monitoring wells to ensure that the disposal activities are not harming the environment.
- The landfill and wastewater pond are a closed system designed to capture and treat all stormwater runoff and leachate.



What will be the appearance of the landfill?
SCE&G will maintain natural buffers of trees and other foliage to limit or minimize visual exposure to the landfill, which will be approximately 140 acres. Although the minimum required buffer between the landfill and the nearest residence is 200 feet, the actual buffer to the nearest residence will be about 1,400 feet. Once an area of the landfill reaches final grades, a final cover will be installed to include a surface of native or natural grasses.

The landfill will be constructed in phases, with the initial phase of construction having a disposal footprint of approximately 35 acres. The total disposal area of the landfill will provide approximately 26 years of disposal capacity at the anticipated generation rate, and it will have a final height of approximately 170 feet above the existing ground surface.

How is SCE&G keeping the Eastover community informed about this project?

When the landfill's draft permit was ready for review, a notice was published in the newspaper and mailed to adjacent property owners and people who asked to be notified. The notice identified the location where a copy of the draft permit could be reviewed and the public was provided a time period to review the draft permit and submit comments to DHEC. Other measures taken by SCE&G to keep residents informed include:

- Hosting public meetings to answer questions related to the project.
- Providing tours of Wateree Station and the landfill site.
- Forming Environmental Future Watch, an advisory group that consists of citizens of Eastover and Gadsden who meet with SCE&G officials on a regular basis.
- Briefing city, county and state government officials.
- Corresponding with key community leaders.
- Participating in DHEC-hosted public hearings in the local community.
- Providing information to local news media to report to the community.

SCE&G has always supported the communities we serve. SCE&G's support of Eastover includes financial assistance for the town's street-scaping project, support for the Eastover Barbecue Festival, the donation of land for a sewer plant to assist in the location of Finn Chem beside Wateree Station, and job fairs in the local community to inform people about employment opportunities. SCE&G also contributes about $4.7 million to the local economy through taxes paid on Wateree Station power plant.

Whom can I contact if I would like more information?

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