



South Carolina Department of Health  
and Environmental Control

## DHEC Community Meeting

### Pinewood Site

Sumter County, South Carolina

### Why Are We Here?

The former Laidlaw Pinewood site is located on Camp MacBoykin Road (SC County Road 51) in a rural area of Sumter County between Summerton and Pinewood. The site closed in 2003 following a bankruptcy settlement. The South Carolina Department of Health and Environmental Control (DHEC) has oversight of the day-to-day post-closure operations at the site.

DHEC is holding this meeting to provide information about improvement projects undertaken at the site since 2009 and to discuss future plans for site management. **We want to hear any concerns you have about these developments and answer your questions.**

### Site History

The Pinewood Site operated as a claystone mine from 1972 to 1978. In 1978, it began operating as a landfill. After November 1980, it operated as a hazardous waste site when South Carolina's hazardous waste regulations became effective.

Pinewood received hazardous and non-hazardous waste until 2000 when site closure began. All landfill cells have since been closed and capped. The site will remain in post-closure care for at least 100 years.

### Completed Improvement Projects

Beginning in 2009, the Pinewood site underwent several improvement projects, including:

- Stormwater management updates.
- Power system & electrical upgrades.
- Updated computer control system for monitoring leachate.
- Leachate storage upgrades.

### Current Leachate Management

Leachate generated by the landfill requires collection, storage and disposal. Leachate is currently collected, filtered and stored in an area on-site prior to being shipped by truck to out-of-state treatment facilities for disposal. Alternate disposal options must now be considered due to changes in the makeup of the leachate over time and the limited availability of out-of-state treatment and disposal facilities.

### Proposed Leachate Management

Alternate disposal options considered included off-site disposal and on-site treatment. After evaluating the technical and economical issues of each option, DHEC believes that the best option will be to treat the leachate on-site using an evaporator (like boiling water) and trucking the residual solids out-of-state for disposal.

This treatment and disposal option will require changes in the current hazardous waste permit and a new air permit for the site. DHEC will be accepting comments on both permits once they are drafted.

### What is Leachate?

- Water that collects contaminants as it drips through waste in a landfill.
- Typically contains 90% water and 10% contaminants.
- Includes solid particles such as sand.
- Leachate is **not** contaminated groundwater.

Leachate must be pumped out of the landfill to prevent overflow. A **Leachate Collection System** collects the leachate and pumps it out.

## Groundwater Monitoring

Groundwater monitoring is conducted on a routine basis around the closed landfill cells to determine groundwater quality. **No releases from the landfill cells have been detected in the groundwater.**

Stormwater is collected and discharged in accordance with Pinewood's current National Pollutant Discharge Elimination System (NPDES) permit.

## What Happens Next?

- Hazardous Waste and Air permit applications will be submitted in mid-September 2011.
- Draft permits will be ready and placed on public notice in early 2012. The public comment period will begin once the permits are on public notice.
- DHEC will hold a public hearing to accept comments on the draft permits. Once the hearing has been scheduled a notice will be sent to everyone on our mailing list.

If approved, construction of the on-site Leachate Collection and Treatment System will take 6-9 months.

## DHEC Webpage

DHEC has developed a webpage where additional information for the Pinewood Site will be posted as it becomes available.

You can also sign-up to be on our mailing list by visiting the webpage at:

<http://www.scdhec.gov/Pinewood>

The 2003 bankruptcy settlement appointed **Kestrel Horizons, LLC** as **Trustee** for the Pinewood Site.

For additional information on Kestrel's activities at the site, read *The Pinewood Story* at:

<http://www.pinewoodtrust.org/>

## DHEC Contacts

For comments, questions or more information on the **Hazardous Waste Permit**, please contact:

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