

How We Manage Air Emissions



The Savannah River mill generates air emissions from the energy we produce to run our facility and from the processes we use to make tissue, towel and napkin products. The mill manages two major types of air emissions - particulate matter (very small particles), such as paper dust or ash from burning fuel, and gases, which are generated during our manufacturing processes.

We minimize and manage these air emissions in several ways.



Best Practices

The Savannah River mill uses best practices in our manufacturing processes to help minimize the creation of air emissions at the source. These best practices include:

- Using advanced technology that enables us to burn fuel more efficiently, leading to cleaner air emissions
- Reducing our overall use of energy, which results in fewer air emissions. We work to find ways to reduce our energy use and conserve energy when we can.

We continuously measure our air emission levels and operating parameters to ensure that we are operating in a way that meets our permit limits and protects our employees, neighbors and the environment.



Pollution Control Equipment

Pollution control devices are designed to reduce or eliminate the air emissions from our processes and to help the mill meet or do better than the limits set in our permits.

- The Savannah River mill uses baghouses made up of fabrics to filter out particulate matter from our emissions before they are released into the air. We also have scrubbers that use water to capture and remove particulate matter.
- We add crushed limestone to our power boilers, which controls and removes a large portion of the sulfur dioxide (SO₂) from our combustion processes. Levels of SO₂ in our air emissions are reduced by about 90% because of the technology we use.



Permits

Federal and state environmental agencies issue permits that allow our mill to release a designated amount of air emissions that are generated by our processes. The agencies set limits for these emissions at levels that protect people and the environment. We challenge ourselves not only to meet our permit requirements but also to perform better when we can.

Our top three emissions are:

- Greenhouse gases (GHGs)
- Sulfur dioxide (SO₂)
- Nitrous oxides (NO_x)

For more information on our permit, please visit <http://search.georgiaair.org/> and search for Georgia-Pacific Consumer Products LP.

