

## Georgia Pacific

conditions for staff. The analysis found that both staff and equipment would benefit from a reduction in H<sub>2</sub>S levels, so the hunt began for a solution.

### THE SOLUTION:

After reviewing various options for deep bed scrubbers and chemical medias, GP chose PureAir's Vertical Bed System. This particular unit was a fiberglass reinforced plastic vessel measuring 48" in diameter. Other details included:

- FRP, 2 HP, BLOWTHRU blower
- MERV 8 prefilter, and MERV 15 final filter
- Differential pressure gauges
- Rain hood
- Media sampling ports
- 15 cubic feet of Sulphasorb XL™ media
- Real time media bed monitor

Since installation, the system has worked well in improving the air quality specifically within the control rooms. Unpleasant odors are gone, and staff can rest assured that critical hardware is protected to prevent downtime and costly repairs.



### THE PROBLEM:

The Georgia Pacific (GP) Paper Mill in Crossett, Arkansas has been a staple to the community since 1962, when GP purchased the Crossett Lumber Company and began making tissue products. Today, the facility employs over 1,250 people in the town. One of the byproducts of paper production is hydrogen sulfide, and in recent years, as EPA regulations tightened and more research became available on the effects of hydrogen sulfide (H<sub>2</sub>S), complaints and questions began to surface regarding the malodorous and corrosive air quality. Leaders at Georgia Pacific deemed it necessary to reduce H<sub>2</sub>S levels and have made strides in doing so in recent years. Additionally, GP reviewed the air quality inside the plant control rooms to determine if the hydrogen sulfide could cause mission critical hardware failure, as well as unpleasant odors and