CASE STUDY

Sentry™ Emergency Gas Scrubber (EGS)

North Texas Municipal Water District

A very large North Texas Municipal Water District (NTMWD) has three Emergency Gas Dry Scrubbers (EGS-300) on site in the event of a chlorine leak. On Wednesday, June 15, 2022, one of the scrubbers had a significant chlorine leak during the middle of the night. By the time their main chlorine alarm system alerted staff to the leak, PureAir's EGS-300 had already kicked into gear, pulling the toxic gas from the air and through the scrubber where Safetysorb chemisorbant media neutralized it, releasing only purified, clean air into the building.



According to the Instrumentation Technician working that night, **"your system is working very well. It was dealing with the chlorine leak before our main system detected the leak."**

As a water treatment facility, they store more than 300 pounds of chlorine in each of their dry scrubbers. An unmanaged chlorine leak would require the facility to shut down and evacuate until the gas is under control. Not only is this costly in terms of downtime, but equipment damage could also occur.

"We could not be prouder to hear that our standby scrubber managed the chlorine leak and kept employees and equipment safe from the toxic gas," said Kevin Jameson, Founder of PureAir Filtration.

Our representatives in Dallas, EI2, have a contract with NTMWD to service their dry scrubbers and were out there Thursday morning to help with cleanup. The EGS dry scrubber that oversaw the leak is due for media replacement, but they have also decided to send in Safetysorb media samples from the other two scrubbers for free lab tests to determine the remaining media life.

PureAir customers can count on PureAir's commitment to deliver quality products that meet or exceed their specifications and requirements. In this instance, PureAir's equipment exceeded their needs by preventing a costly and hazardous chlorine gas leak.