

Our Media

GES Biotek's media offers an **innovative solution for mitigating wastewater odors** by harnessing the power of biological organisms. With exceptional results in biochemical wastewater treatment, **GES Biotek** effectively **reduces hydrogen sulfide emissions** by up to 99% or more, delivering significant environmental benefits.

One standout feature of **GES Biotek's** media is its **versatility and adaptability**. By offering site-specific media selection and design support, the company enables the creation of **tailored solutions** to meet the unique requirements of each application. This personalized approach ensures optimal performance and efficiency.

GES Biotek's media is distinguished by its effectiveness, reliability, and commitment to environmental sustainability. From industrial to municipal wastewater treatment, **GES Biotek's** solutions provide a **cost-effective and eco-friendly** means of odor control and wastewater management, offering long-term benefits such as **reduced maintenance costs and regulatory compliance**.



Cell-Max™ media is designed for the **treatment of high levels of H₂S** in Bio-Scrubbers® (biotrickling filters). It is rigid and acid resistant, therefore eliminating compaction or degradation while consistently achieving specified H₂S removal rates.

Enhanced Cell-Max™ provides all of the benefits of **high-performance engineered biofilter media** (smaller footprint, shorter residence time, longer media life), but at 1/4 of the weight of comparable engineered media. This allows for significantly lower project costs.



Cell-Max™-1 media measures 3/8"-1" in size and is a great fit for **automated irrigation systems**. Open and interconnected pores guarantee fast drainage and high capillary action, which is key for the treatment of high levels of H₂S in Bio-Scrubbers®.



Cell-Max™-2 media measures 1/16"-7/16" in size, allowing for **fast drainage and extreme aeration** of blends. These stones can be blended into any soil to increase aeration and drainage and eliminate compaction in hydroponic applications.

Fiber-Max™ biofilter media is a proprietary blend of organic materials for the **removal of complex odors and VOCs**. This fibrous cellular substrate material is manufactured only from trees and large tree branches.



Crater-Max® is nature's billion-year-old natural ecosystem for sulfur-oxidizing bacteria. Crater-Max® is specifically engineered and processed for **chemical resistance, size, and optimum surface area** for H₂S removal.

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