

West Coast Bio-Scrubber® Gets the GES Treatment

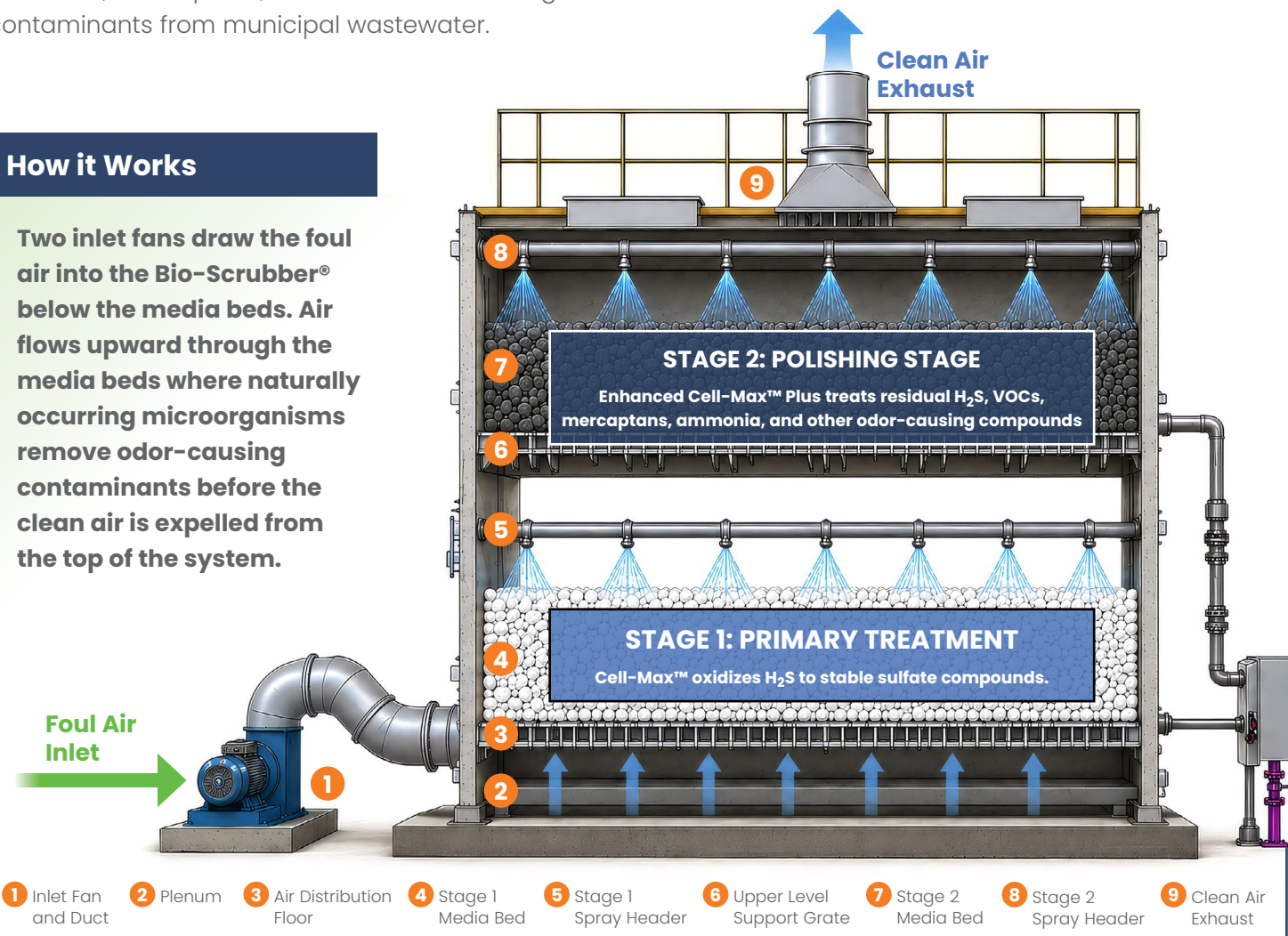
Two-stage system equipped with Cell-Max™ and Enhanced Cell-Max™ Plus

GES Biotek is pleased to announce the shipment of **3,300 cubic feet** of **Cell-Max™** and **Enhanced Cell-Max™ Plus** engineered media for a new two-stage Bio-Scrubber® biological odor control system on the west coast. The shipment supports a high-performance biological treatment system designed to remove hydrogen sulfide (H₂S), volatile organic compounds (VOCs), ammonia, mercaptans, and other odor-causing contaminants from municipal wastewater.

The shipment included two flatbed truckloads of engineered biological media, consisting of **1,000 cubic feet of Cell-Max™** for the primary treatment stage and **2,300 cubic feet of Enhanced Cell-Max™ Plus** for the secondary polishing stage. Together, the media provide efficient, reliable, long-term biological treatment of hydrogen sulfide while polishing residual sulfur compounds and other nuisance odors.

How it Works

Two inlet fans draw the foul air into the Bio-Scrubber® below the media beds. Air flows upward through the media beds where naturally occurring microorganisms remove odor-causing contaminants before the clean air is expelled from the top of the system.



How it Got There

Two truckloads of GES Biotek engineered media are headed to a new municipal Bio-Scrubber® installation, where they'll help deliver reliable, long-term odor control.



Designed for High-Performance Biological Treatment

The Bio-Scrubber® system uses a **two-stage biological process** in which each media layer performs a specialized treatment function.

Incoming foul air first passes through the **Cell-Max™** media bed, where sulfur-oxidizing microorganisms convert most hydrogen sulfide into stable sulfate compounds. The partially treated air then enters the **Enhanced Cell-Max™ Plus** polishing stage, where additional microbial populations reduce remaining hydrogen sulfide while treating VOCs, mercaptans, ammonia, and other odor-causing compounds before the air is discharged.

This staged approach promotes **optimized microbial activity, stable operation, and efficient odor removal** across a broad range of operating conditions.



Engineered for Long-Term Reliability

GES Biotek's engineered inorganic media **maintain their physical structure, airflow, and performance** throughout years of continuous operation.



High Performance. Low Maintenance.

The **dual spray system** and **high surface area** provide the ideal environment for self-sustaining biological ecosystems.



Advancing Biological Odor Control

GES Biotek solutions meet ever evolving odor control requirements using **reliable, sustainable biological treatment**.

GES Biotek, LLC specializes in **engineered media and biological treatment technologies** for air and water applications. Since 1997, the company has delivered odor control solutions for municipal and industrial clients worldwide.

GES BIOTEK, LLC — Engineered Solutions for Advanced Biological Odor Control