



# NEWS RELEASE

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FOR IMMEDIATE RELEASE

## **Envirogen Technologies Awarded Three New Biofiltration Projects for Municipal Odor Control**

**Industry acceptance of high-performance, 'green' technology points to new  
industry standard for odor control**

**Kingwood, TX, 26 May 2010** -- Envirogen Technologies, Inc. (Envirogen) has been awarded new contracts for odor control systems at municipal wastewater facilities in Portsmouth, Ohio; Oak Island, North Carolina; and Crested Butte, Colorado, based on its biofiltration technology. All three projects will utilize Envirogen's H-series modular packaged biofilters in various configurations to provide a minimum 99% removal of hydrogen sulfide (H<sub>2</sub>S) from inlet air. The Crested Butte installation will also remove ammonia (NH<sub>3</sub>) and meet specifications for operating in temperatures down to -30° F. Designed to customer specifications by Envirogen using standardized components, the compact systems will include all required blowers, irrigation equipment, feed tanks, controls, proprietary media and nutrients. Envirogen will also provide installation oversight and staff training services to ensure trouble-free operation at start-up. Nationwide, Envirogen has installed more than 150 biofiltration systems for odor control, as wastewater utilities recognize the cost-effectiveness and low environmental impact of this treatment approach.

According to David Enegess, Vice President of Envirogen Products and Envirogen's East Region, these new contracts indicate the municipal wastewater industry's growing acceptance of advanced biofiltration technology as a practical, low-cost and environmentally friendly answer to odor control needs. "Increasingly, both industry and municipal utilities are recognizing the operational efficiencies of biofiltration and its ability to deliver safe, reliable and sustainable odor

control at a low cost,” Enegeess said. “We design these systems to operate on minimal energy and negligible chemical usage. They fit into a small footprint and provide many years of dependable odor control. With over 150 of these systems in place and more than a dozen new start-ups in the past year with more to come, we feel that Envirogen’s faith in this technology as a ‘best solution’ to customer needs has been more than justified,” he added.

Envirogen offers a variety of biofilter products to handle air flows ranging from 50 to 100,000 cubic feet per minute (CFM), including built-in-place systems for mid- to large-flow applications and its P-series and H-series modular packages for lower flow rates. The contracts from Portsmouth, Oak Island and Crested Butte all specify dual or triple H-series biofilters designed for 99% removal of H<sub>2</sub>S at flow rates from 1,360–2,200 CFM. The Crested Butte installation will add an ammonia scrubbing step to reduce NH<sub>3</sub> to 5 ppm or less at discharge, and will also be specially insulated to handle the cold climate of the Colorado Rockies (down to -30° F).

Envirogen’s biofilter product line features a set of engineered media matched to each specific application, ensuring high performance and a long media service life. Naturally occurring microorganisms residing on the media consume odor-causing compounds, requiring only irrigation water and small quantities of nutrients to operate. The systems use minimal energy and little or no chemicals, cutting operating costs and eliminating the need for chemical storage and handling. In addition, Envirogen’s biofilter systems feature corrosion-proof fiberglass reinforced covers.

According to Enegeess, the benefits of Envirogen’s biofiltration technology fit neatly with today’s focus on environmental sustainability. “Biofilters are a truly innovative ‘green’ technology because they provide long-term, trouble-free service without a lot of attention or maintenance, while eliminating the potential negative impacts of high chemical and energy usage,” Enegeess said. “Even with these significant environmental gains, biofiltration still comes through as one of the lowest-cost and most dependable odor control options out there for many applications. We at Envirogen look forward to being at the forefront of this technology as it moves toward becoming the new industry standard for odor control.” For more information, visit [www.envirogen.com](http://www.envirogen.com).

#### **About Envirogen Technologies, Inc.**

Headquartered in the Houston suburb of Kingwood, Texas, Envirogen is a technology+services solutions provider that designs, builds and implements systems for business in municipal and industrial water and environmental treatment applications. A primary focus for Envirogen is the concept of ‘lifecycle performance,’ in which the company provides guaranteed, pay-for-performance, long-term contracts at predictable costs that offer customers the lowest total cost over the lifetime of an equipment installation.

Primary applications for Envirogen's systems include treatment of groundwater for the delivery of high-quality potable water, groundwater remediation, wastewater treatment, water re-use, nutrient removal, and odor and VOC control for municipal and industrial markets. In industrial markets such as mining, hydrocarbon processing and chemical processing, Envirogen also specializes in process water treatment, byproduct recovery and chemical purification. The company conducts business throughout the United States, with regional offices in Southern California, Illinois, New Jersey and Tennessee. For more information on the company, visit [www.envirogen.com](http://www.envirogen.com).

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