



# NEWS RELEASE

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**FOR IMMEDIATE RELEASE**

## **Envirogen to Build High-Efficiency Compact Odor Control System for Texas Wastewater Facility**

**BT-120 biotower for La Feria, TX represents first-of-its-kind offering for smaller-size odor control installations**

**Kingwood, TX, 5 April 2011** -- Envirogen Technologies, Inc. (Envirogen) announced today that it has been awarded a contract to provide a new biological odor control system for the City of La Feria, Texas. The Envirogen BT-120 system will utilize the company's proven biofiltration technology in a compact biotower configuration to achieve 99% removal of hydrogen sulfide (H<sub>2</sub>S) from exhaust air at the City's Lilac wastewater lift station. It will be Envirogen's third odor control installation in La Feria. Because of its compact size and high efficiency, the Envirogen BT-120 system gives new cost and site footprint options to the wastewater treatment industry. Envirogen's proven 'green' approach to odor control offers the advantages of lower energy and chemical usage along with guarantees of performance and reliability. Start-up of the unit is scheduled to take place in late summer of 2011.

According to Robert Stark, Vice President, South Region for Envirogen, the BT-120 system answers the need for high-efficiency odor control in smaller-size applications. "The BT-120 offers the same performance efficiencies and low lifecycle cost as our larger odor control systems with a remarkably compact footprint, allowing the smaller wastewater utility to economically handle high H<sub>2</sub>S concentrations at low air flow rates in a small area," Stark said. "From our large, built-in-place systems to this new compact system, Envirogen now offers a full range of custom high-performance solutions for reliable, low-cost odor control," he added.

The new system in La Feria will treat H<sub>2</sub>S concentrations in the range of 300-1,000 parts per million by volume (ppmv) at an air flow rate of 300 cubic feet per meter (cfm). The biotrickling filter housed in the Envirogen BT-120 biotower – measuring 6 feet in diameter - is designed to achieve 99% removal efficiency, typical of the company's biofilter product line. Envirogen will provide customer support through the installation, training and start-up phases.

Envirogen's biofilter product line features 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 amounts of nutrients to operate. The systems use minimal energy, minimal staff attention and little or no chemicals, cutting operating costs and eliminating the need for chemical storage and handling.

According to Stark, Envirogen's biofilter and biotower product lines have met with considerable success as a practical, low-cost and environmentally sustainable approach to odor control and VOC treatment. "Our biofilters are a truly innovative 'green' technology, providing many years of trouble-free service with minimal maintenance, operator attention, chemical supply and energy usage," he said. "Along with the substantial environmental benefits, these systems still come out ahead of the pack in terms of low cost and reliability. And, Envirogen's long-term expertise with this technology ensures that every installation is tailored to each facility's operational needs," Stark concluded. For more information on this project, visit [www.envirogen.com](http://www.envirogen.com) or email [info@envirogen.com](mailto:info@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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