



NEWS RELEASE

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FOR IMMEDIATE RELEASE

Envirogen Technologies Begins Operation of Odor Control Biofilters at Las Vegas Wastewater Treatment Plant

Advanced technology+services package effectively removes odor-causing compounds at low lifecycle cost while exceeding design parameters

Kingwood, TX, 10 November 2009 – Envirogen Technologies Inc. (Envirogen) announced the successful start-up of a new biofiltration odor control system at a public wastewater treatment plant in Clark County, Nevada. The three-bay, built-in-place biofilter system installed for the Clark County Water Reclamation District (CCWRD) will remove hydrogen sulfide (H₂S), reduced sulfur compounds (RSCs) and other odor-causing compounds from the air at the plant's headworks by utilizing a combination of biological filtration and activated carbon polishing. The equipment, media and system performance are all warranted by Envirogen under the terms of a 24-month services agreement between the company and CCWRD.

According to David Enegeess, Vice President, Envirogen Products for Envirogen, the Clark County system signifies Envirogen's continuing commitment to bringing advanced technology+services solutions to municipalities for both air and water treatment applications. "Our biofiltration technology is an innovative, versatile alternative for achieving a wide range of treatment goals at significantly lower lifecycle costs than common chemical treatment options," Enegeess said. "Biological filtration has gaining widespread acceptance as a 'green' choice for odor control at municipal wastewater operations, and Envirogen plans to continue operating at its forefront by implementing our advanced technology in combination with expert process engineering and support services," he stated.

The system, comprising three biofiltration bays and two activated carbon adsorption units, was designed and built in place by Envirogen for CCWRD at the district's wastewater treatment plant in Las Vegas, Nev. As CCWRD was interested in single-source responsibility for the project, Envirogen was contracted to provide blowers, ducting, dampers, biofilters and carbon polishing vessels (including media). Envirogen will also provide all maintenance and sampling to assure optimum system performance for a 24-month period under the terms of their services contract.

Designed to handle a normal air flow of 7,700 cubic feet per minute (CFM) and inlet H₂S concentrations up to 10 parts per million by volume (ppmv), the system is currently treating 10,000 CFM of air and

achieving 99.44% H₂S removal (<0.05 ppm at outlet) as well as 90% odor removal (<100 dilutions to threshold), performing well above design conditions.

According to Dr. Todd Webster, Senior Bioreactor Applications Manager for Envirogen, this system illustrates the move toward more sustainable, lower-cost odor treatment options throughout the region. "Clark County is now taking a leading role in Nevada in terms of biofilter applications," Webster said. "This system and others like it are serving as examples to public utilities throughout the State of the cost-effectiveness of this technology for handling odor emissions at wastewater operations. Their reliable performance, along with a significant reduction in operating requirements and the associated costs, make these systems an excellent fit for municipalities seeking to efficiently meet their long-term odor treatment objectives," he concluded.

The CCWRD, established in 1954, services unincorporated areas of Clark County within the Las Vegas Valley as well as the communities of Blue Diamond, Indian Springs, Laughlin, Overton and Searchlight. Its Las Vegas wastewater treatment facilities are the largest in the State of Nevada, processing more than 100 million gallons of water per day.

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.

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