

FOR IMMEDIATE RELEASE**CH2M HILL Desalination Expert to Discuss Technology Advances**

SINGAPORE, 26 June, 2009 – International membrane technology expert Jim Lozier will address attendees of Singapore International Water Week to discuss “Advances in Seawater Desalination.”

An internationally recognized authority on membrane technologies for potable water treatment, desalination and water reuse, Lozier is a Technology Fellow with CH2M HILL, a global full-service engineering, procurement, construction, and operations firm. With more than 26 years of experience, he specializes in the application of membrane processes for water treatment, desalination and water reuse.

Over the past three decades, seawater desalination costs, driven by improvements in technology, have been significantly decreasing. In 1970, energy consumption for reverse osmosis based desalination was greater than 11 kWh/m³. Due to technology advancements, energy consumption was reduced to less than 4 kWh/m³. Significant advancements in desalination technology in the past decade have contributed to additional declines in energy consumption, with energy optimized systems approaching the 1.5 kWh/m³ level. Advancements have included improved membrane productivity, development of new membrane materials, development of new ‘back-washable’ membranes for pretreatment, new energy recovery devices, new pumping systems, advancements in pressure vessels, new scale inhibitors, use of alternative energy and use of low-pressure membrane pretreatment.

Lozier will review the key advancements in desalination that have occurred over the past three decades and the relative improvements in energy consumption resulting from each advancement. His presentation will focus on summarizing the impacts of recent advancements on the design of new and existing desalination facilities.

Lozier will also participate in a poster session, “Sustainable Water and Ecological Resources through Advanced Water Reclamation and Wetlands Treatment – The Oxnard, California Experience.”

To arrange an interview with Lozier, contact Lori Irvine at +1.720.286.3137 or Lori.Irvine@ch2m.com or Ashley Ling at +65 6391 0350 or Ashley.Ling@ch2m.com.

Headquartered near Denver, Colo., employee-owned CH2M HILL is a global leader in engineering, procurement, construction, management and operations for government, civil, industrial and energy clients. With \$6.4 billion in revenue and more than 25,000 employees, CH2M HILL is an industry-leading program management, construction management and design firm, as ranked by Engineering News-Record (2008). The firm's work is concentrated in the areas of energy, water, transportation, environmental, nuclear and industrial facilities. The firm has long been recognized as a most-admired company and leading employer, including being named by FORTUNE as one of the 100 Best Companies to Work For (2009). Visit www.ch2mhill.com.

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