



**UAA College of Engineering**  
UNIVERSITY of ALASKA ANCHORAGE



UAA Professional Development Seminar Series

**Water, Water Everywhere – The  
Challenges of Leachate Management at  
the Anchorage Regional Landfill**

Presented by Mark Madden, P.E.

Leachate management at the Anchorage Regional Landfill has been a growing challenge as the landfill has matured.

The facility currently produces over 25 million gallons of leachate annually, which is trucked approximately 9 miles to the Anchorage Water and Wastewater Utility sewer system at Turpin Street and the Glenn Highway. The Municipality of Anchorage Solid Waste Services Department (SWS) is in the middle of a study to identify ways to better manage the leachate. This presentation will discuss some of the alternatives under consideration and challenges associated.

Mark Madden holds a Bachelors in Civil Engineering from Marquette University and a Masters in Geotechnical Engineering from Northwestern University, and is a registered Professional Civil Engineer in Alaska and Wisconsin. Mark is currently the Manager of Engineering & Planning for SWS. In his 40 year engineering career, Mark has worked in wastewater treatment, geotechnical and foundation engineering, environmental permitting, brownfield site restoration, and mining design and compliance, before finally arriving in the solid waste industry. Mark relies on his diverse experience to bring practical approaches to some of the landfill's most challenging projects.

**Friday, October 26, 2018**

**11:45 am-12:45 pm**

**UAA College of Engineering, EIB 211**