

American Water Resources Association
2009 ANNUAL WATER RESOURCES CONFERENCE
November 9-12, 2009
Seattle, WA

Monday, Nov. 9

3:30 PM – 5:00 PM

SESSION 12: Panel – Combined Sewer Overflow - Going “Green” to Keep Outfalls Clean

Panel Participants

Roger Ward

HNTB Corporation, Indianapolis, IN

Dustin Atchison

CH2MHill, Bellevue, WA

Jennifer Malloy

United States Environmental Protection Agency, Washington, DC

The panel will highlight the current status of large CSO programs and their focus on “green” sustainable infrastructure. Around the country, municipalities are creating sustainable stormwater practices as an alternative to the generally more expensive end-of-pipe methods designed to deal with sewer overflow after it occurs. The panel will provide the opportunity for an open dialog about these “green” techniques, how they are being implemented, and results. Studies show that the most cost-efficient way to mitigate excess stormwater is by capturing it at the source through simple infrastructure such as parks, trees, green roofs and rainwater collection systems. How easy are these to implement on a scale that shows results for our water resources? HNTB works with several municipalities in the Midwest: Indianapolis, Milwaukee, Cincinnati, and Kansas City. CH2MHill works with municipalities on the east and west coasts: Philadelphia, Portland and Seattle. United States Environmental Protection Agency, Water Permits Division staff will also participate in this panel discussion to speak to their policy decisions at the national level that affect these programs. Their green infrastructure initiative which has and continues to develop tools and guidance to facilitate the use of green infrastructure in CSO and other wet weather programs will be presented. This discussion will draw from the national experts, by bringing practice leaders, to discuss a variety of CSO programs. Speakers will provide an overview of successful programs including technical focus, management, financial/cost issues, local regulatory drivers, and timelines. With that as a background, the discussion will focus on green initiatives: 1) How are they being implemented; 2) What are the preferred techniques; and 3) What results have been achieved.