

A Water Luncheon Seminar



► Presented by:
The Water Management Association of Ohio
and
The Ohio Water Resources Center

January 28, 2015; 11:30 a.m. - 1:00 p.m.

Wilma H. Schiermeier Olentangy River Wetland Research Park,
The Heffner Building, 352 Dodridge St. Columbus, OH 43202



From St. Rt. 315, exit east onto Ackerman Rd, continue past Olentangy River Rd onto W. Dodridge St, then left into Park driveway.

Project Groundwork and updates towards an integrated watershed solution: the Lick Run Valley Conveyance System

MaryLynn Lodor, Deputy Director, Greater Cincinnati Water Works, Metropolitan Sewer District of Greater Cincinnati

The Metropolitan Sewer District of Greater Cincinnati (MSDGC) is under a Consent Decree to reduce CSOs within their service area by two billion gallons annually before the end of 2018. The Lick Run Wet Weather Strategy is the largest in a suite of sustainable solutions that were submitted to the regulators as an option to achieve compliance with the requirements of the Consent Decree. The sustainable projects, which focus on integrated planning to develop CSO solutions that provide community benefits and help spur economic development in accordance with MSDGC's Communities of the Future framework, are an alternative to the default deep underground tunnel solution in MSDGC's Wet Weather Improvement Program. The alternative solution, including the VCS project, was approved by the regulators in May 2013 and MSDGC is moving forward with implementation.

Located at the confluence of the Lick Run and Mill Creek interceptors, CSO #5 is the single largest overflow in MSDGC's system and without control, discharges approximately 1.5 billion gallons annually to the Mill Creek. This 2,700-acre watershed currently includes approximately 350 miles of sewer lines that drain to a 19.5-foot-diameter combined sewer. During dry weather, wastewater flow from the basin is conveyed to the Mill Creek Wastewater Treatment Plant; however, during wet weather events, stormwater runoff overloads the system and triggers overflows directly into Mill Creek.

Due to the timeline set forth in the Consent Decree and the complexity of design and construction associated with the elements comprising the wet weather strategy for the watershed, the strategic sewer separation and site specific BMPs moved forward in advance of the VCS project. These elements were divided into a number of individual projects taking into account geography, hydraulics, constructability, maintenance of traffic, and cash flow considerations. Some of these projects have completed construction, others are currently under construction, and the remaining projects are at various levels of design.

Please register by January 21, 2014. Late or on-site registrations cost \$5 extra and are not guaranteed a meal. For registered engineers who need Professional Development Hours (PDHs), this presentation offers 1 PDH.

[] WMAO Member (\$15) [] Nonmember (\$18) [] Student (\$7) Special meal? _____

Name _____

Organization _____

Address _____

City _____ State _____ Zip _____

Phone _____ Email _____

Please send form and check to: WMAO-Luncheon, 8440 E. Washington St. #206, Chagrin Falls OH 44023.

OR, register online with a credit card at: www.wmao.org.