

Status of Combined Sewer Overflow Abatement

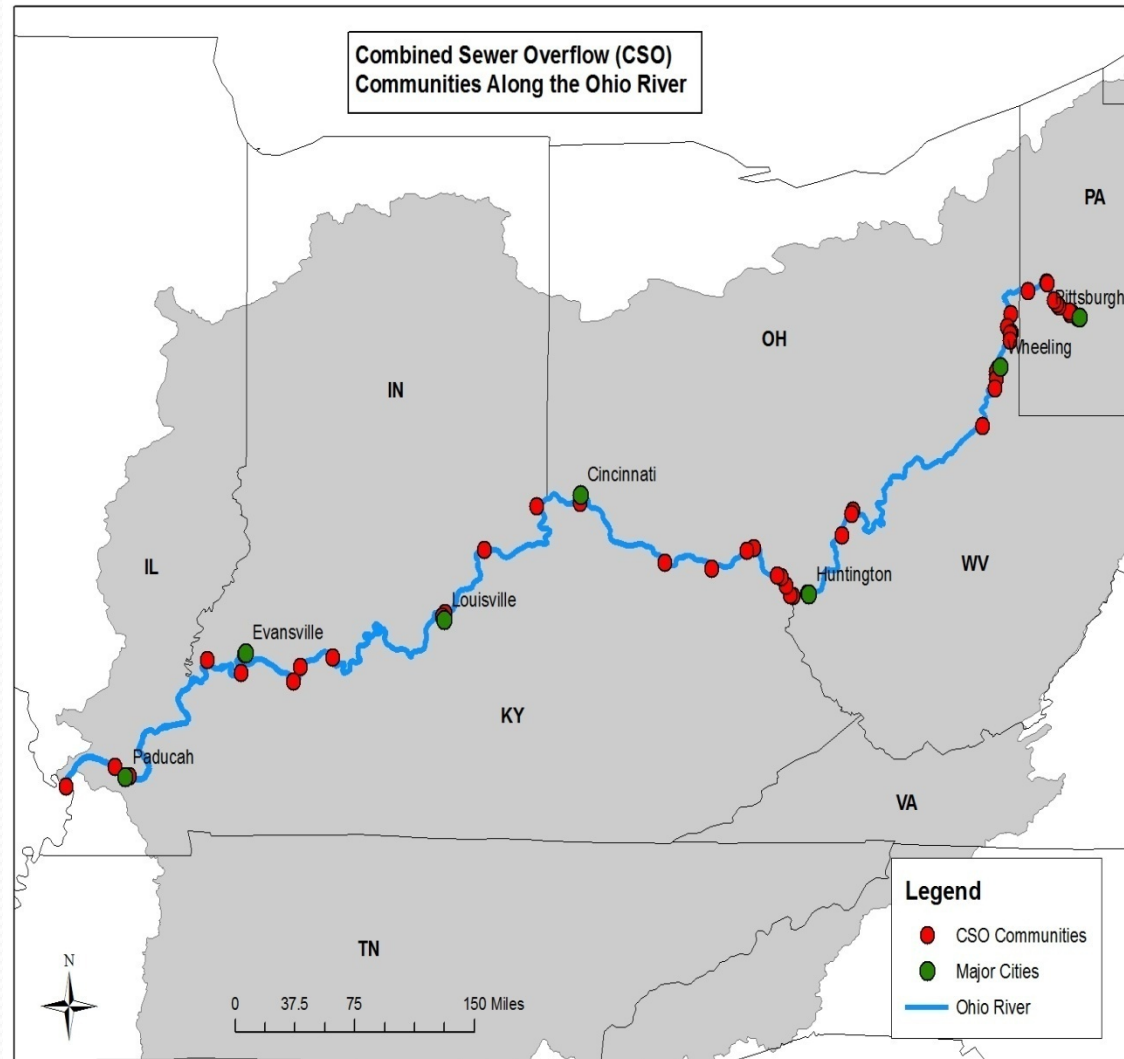
February 7-8, 2012

Agenda Item 5a.

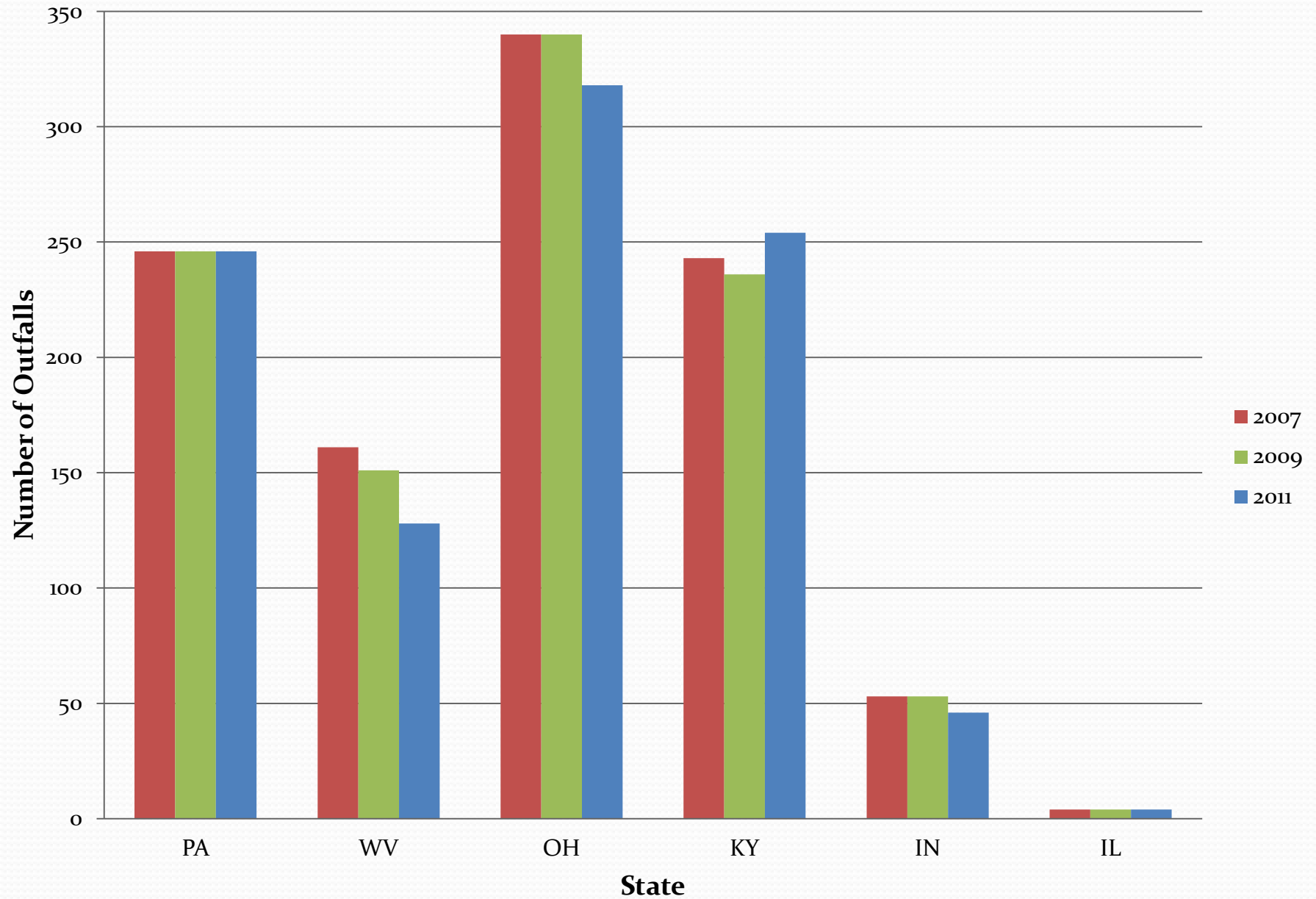


Ohio River CSO Communities

- Pennsylvania – 10 communities
- West Virginia – 10 communities
- Ohio – 10 communities
- Kentucky – 10 communities
- Indiana – 7 communities
- Illinois – 2 communities



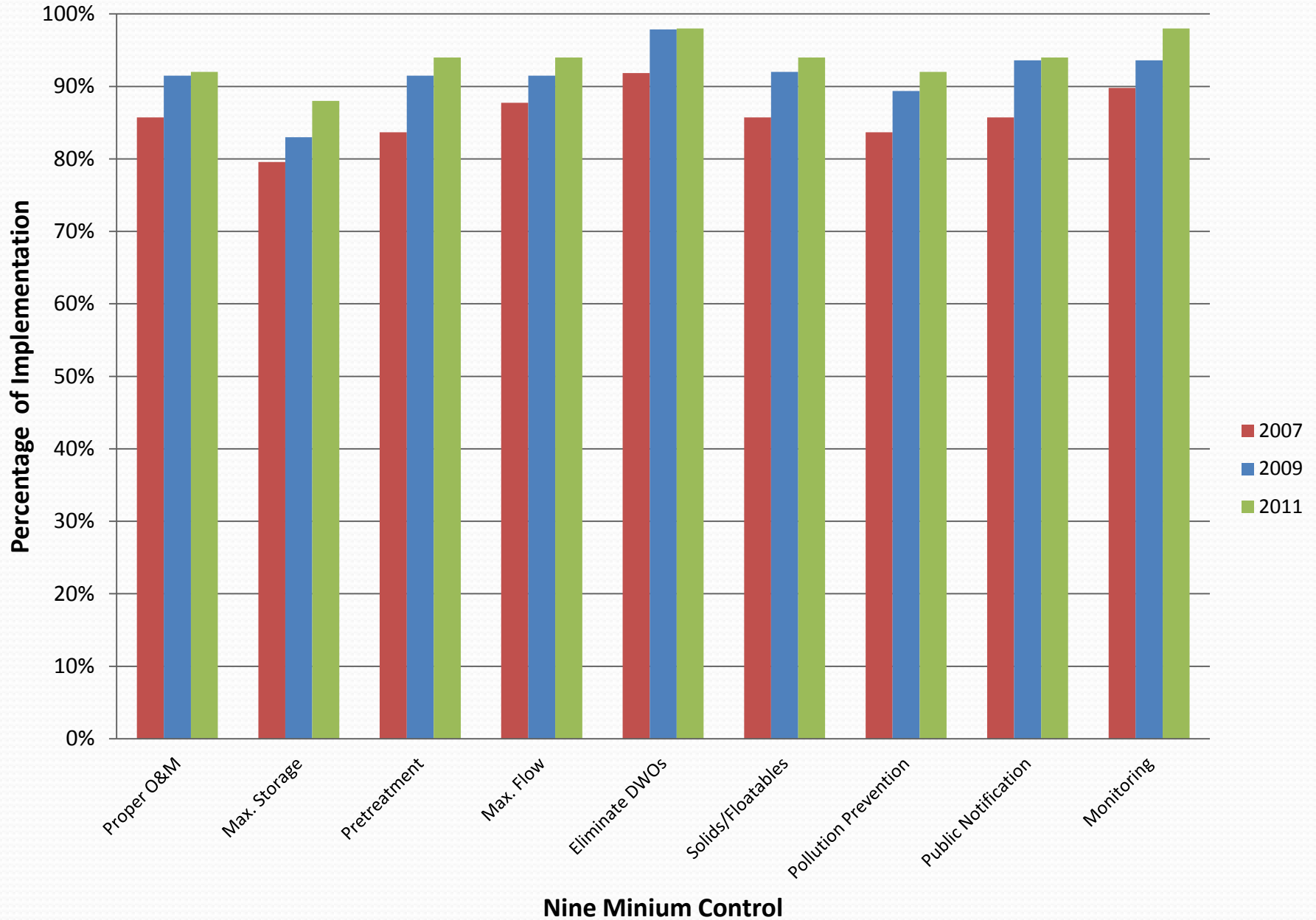
Number of CSO Outfalls in the Ohio River Communities



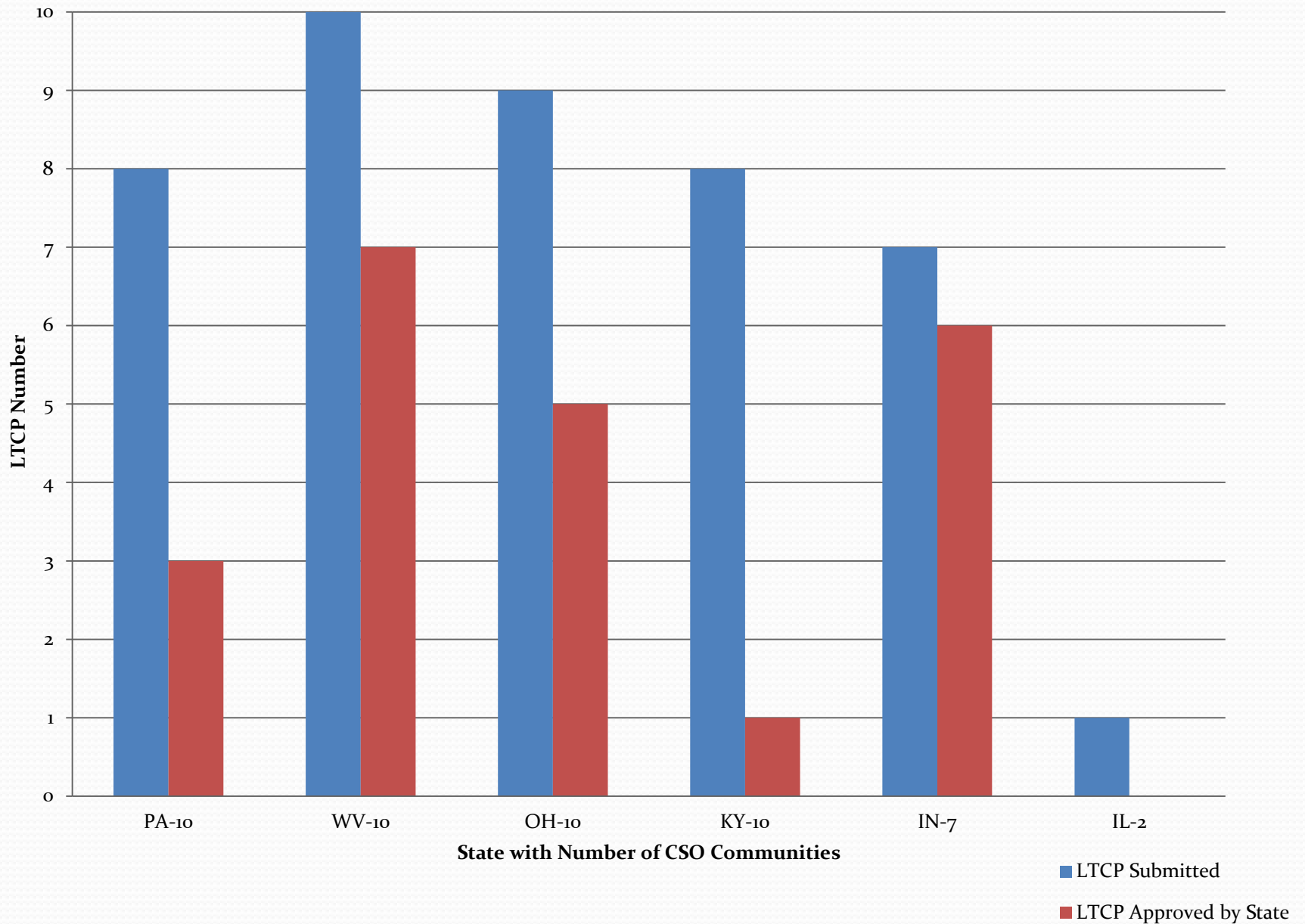
Nine Minimum Control Status

- Most of the communities are progressing toward implementation.
- Max Storage is the only NMC that is not 90% implemented.
- Focus now is LTCP submittal which incorporates NMC implementation.

NMC Percentage of Implementation for the 49 CSO Communities



Status of Ohio River Communities LTCP



Significant CSO Community Updates

- Wheeling, WV
 - In 1999 the number of CSOs was 211 and as of 2011 the number of CSOs was 57. A decrease of 73% of their CSOs.
- Eastern Ohio RWA
 - Total number of CSO outfalls currently is 36 which is a reduction from 47 in 2010.
- Northern KY SD#1
 - The detection of some additional CSOs in the system caused an increased number to 94 overflows for 2011.
- Catlettsburg, KY
 - There is one CSO left and they are in the process of verifying the elimination of that overflow.
- Evansville, IN
 - Increased number of CSOs from 19 in 2010 to 22 overflows in 2011.

CSO Community Public Outreach

- ALCOSAN- SOAK (The Sewer Overflow Advisory)
 - Operational May 15-September 30
 - Alerts the public when overflows are impacting area waterways
- Cincinnati MSD
 - Receive CSO advisories by phone or email
 - Issue a CSO advisory when a rainfall of .25 inches or more is predicted or recorded for Hamilton County
- Louisville-Project WIN (Waterway Improvements Now)
 - Overflow Advisory Levels
 - CSO/SSO Location Maps
 - CSO email notifications
- Evansville Water and Sewer
 - Real-time status of CSO's via their website
 - CSO email notifications
- City of Metropolis, IL
 - CSO email notifications

CSO Training and Webcasts

Training Courses and Meetings

Basic CSO Workshop

- February 17, 2012, 10:00 am to 3:00 pm at EPA Region 5 Office, Chicago, IL

Training Resources-Archived Webcasts

Green Infrastructure

- The Many Benefits of Green Infrastructure & Philadelphia Case Study
- Models & Calculators and Louisville Case Study
- Retrofits: Green Streets and Operation & Maintenance

Combined Sewer Overflows (CSO)

- CSO Control Technologies
- CSO Control Policy 101
- CSO Long Term Control Plan Basics

More information available at: <http://cfpub.epa.gov/npdes/>



Questions?
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