

Objectives

- Progress Report on IOAP
- IOAP Modifications
- IOAP Revision Schedule
- Public Input Opportunities



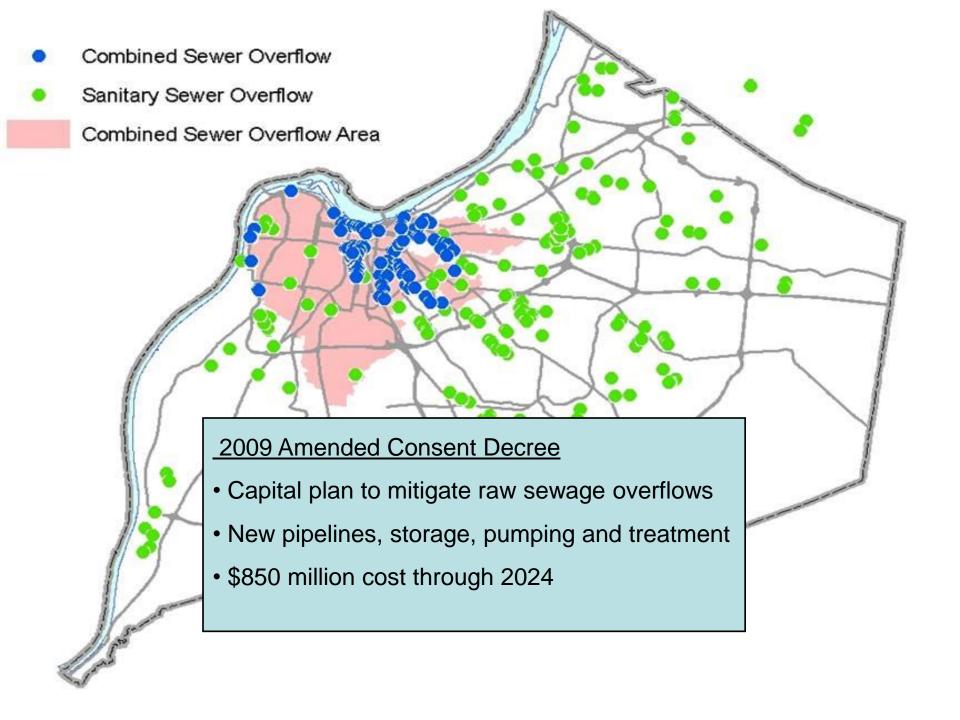




IOAP IMPLEMENTATION PROGRESS







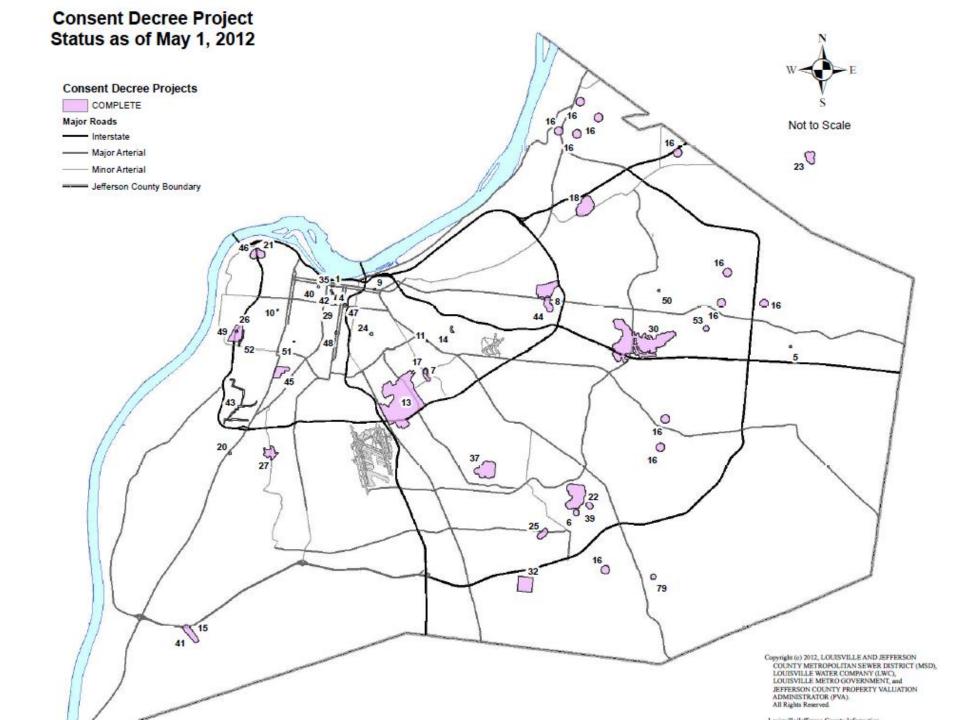
Implementation Progress*

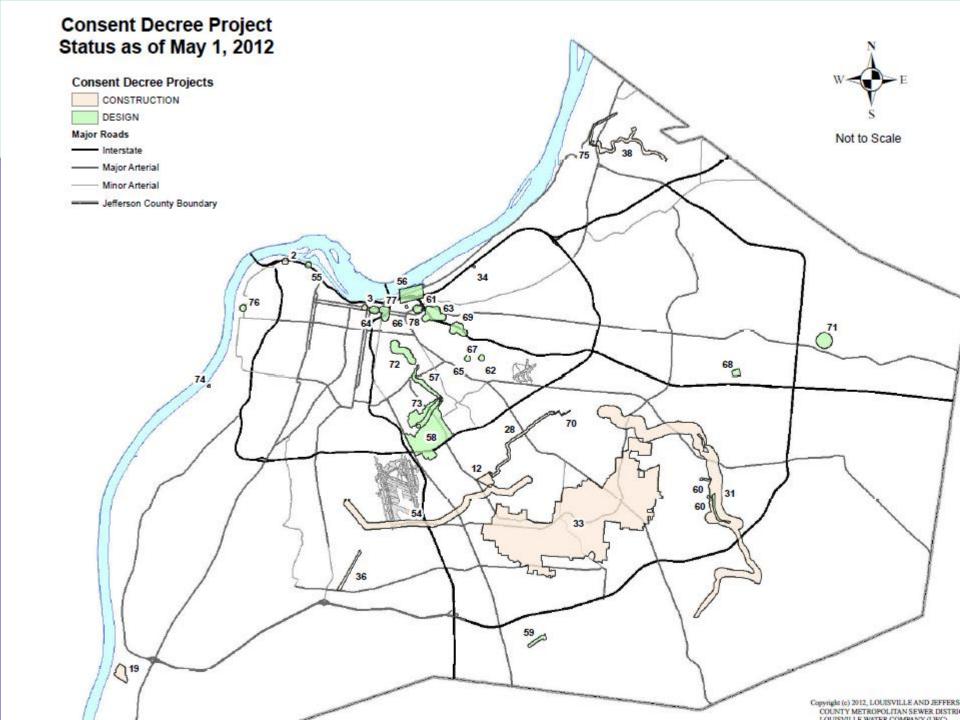
- 46 of 119 Certified Complete (incl. green demonstration)
- 25 Projects in Design
- 12 Under Construction
- Big Four Projects approx 0.5% under budget
- IOAP approx. 30% under budget

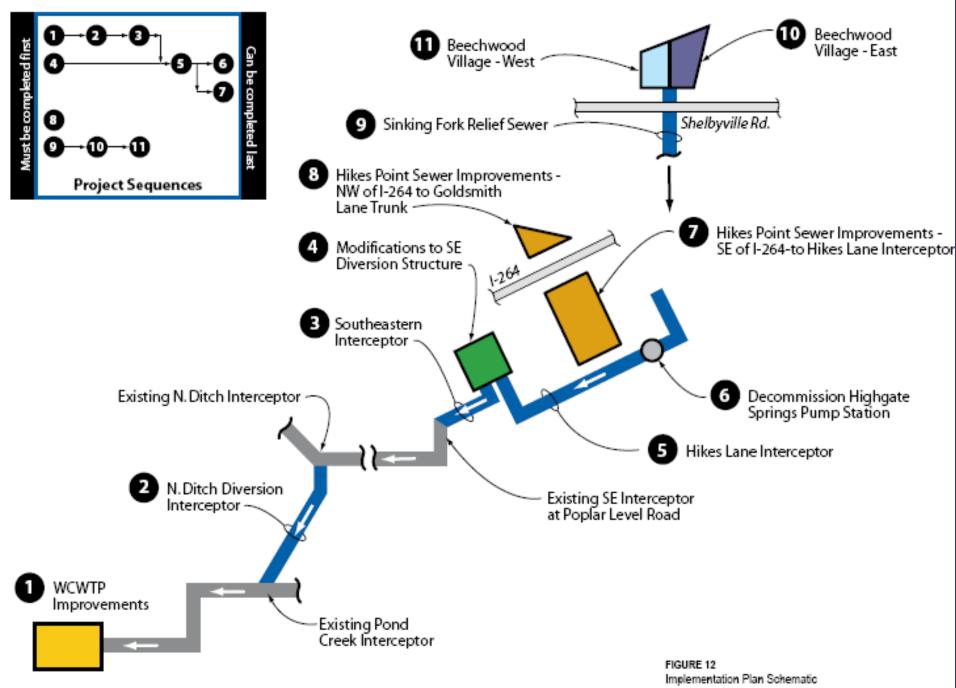
^{*} Budget statistics are assuming uniform internal force account, then comparing current capital budget for completed projects to 2009 IOAP budget projections











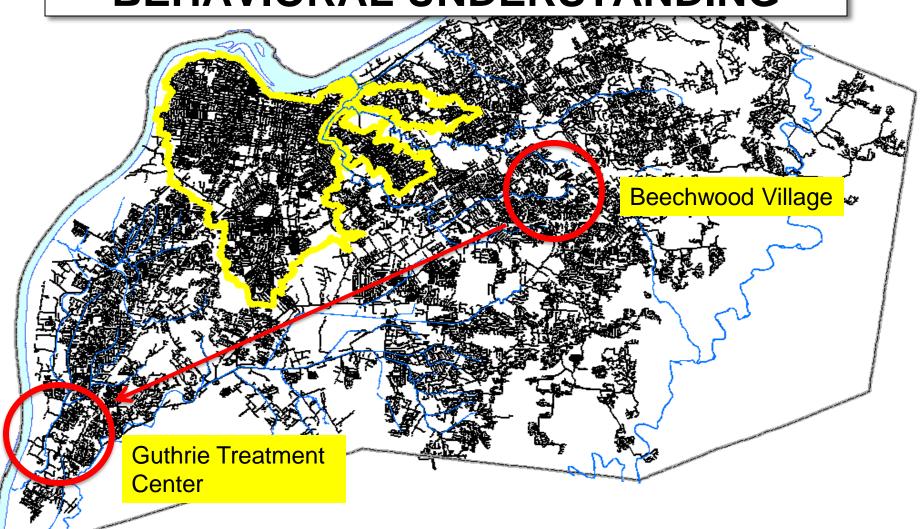


IOAP MODIFICATIONS



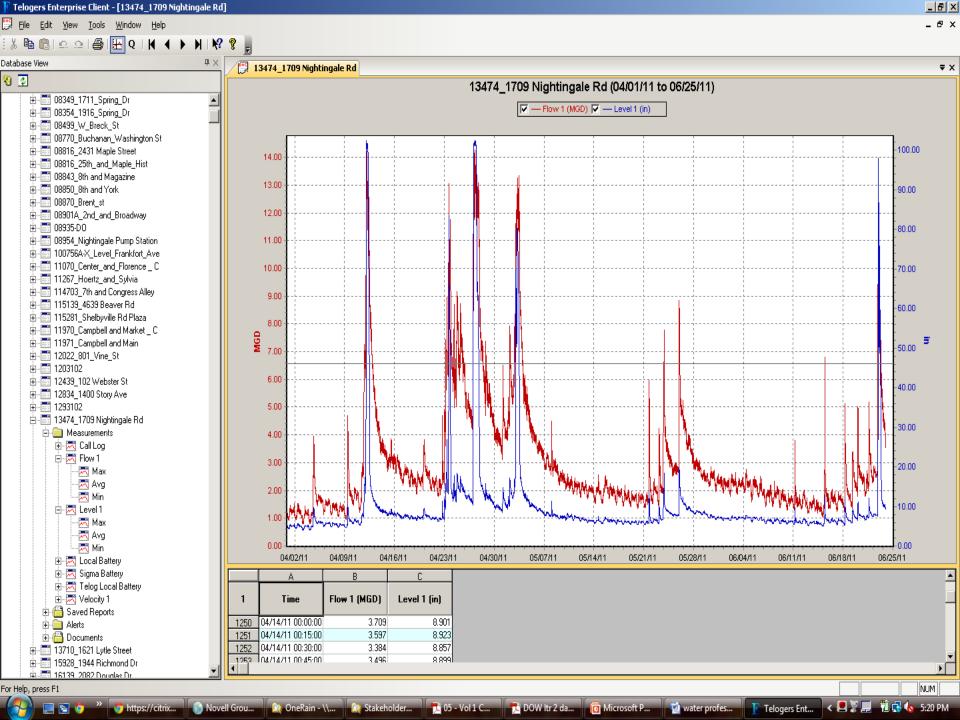












IOAP Volume 1, Chapter 6.5.3.6 Adaptive Management

Required Overflow Reduction Targets

- Improve system monitoring
- Re-calibrate & upgrade sewer models
- Run behavioral statistics on overflows
- Review project approaches & sizing
- Negotiate modifications as needed
- Must be based on established community value system

Preliminary Discussions w/ regulators underway





IOAP 2012 Modification Summary

- 7 projects got larger
- 3 projects have higher level of overflow control, 1 lower
- 7 projects got smaller
- 12 projects forward some split from other projects
- 4 projects backward implement green and evaluate size
- Program Costs Remain at \$850 Million

see project handout for more details





2009 vs. 2012 CSO Long Term Control Plan

- 19 Gray Infrastructure Projects
 - 4 Sewer Separations (moving to inline storage and green)
 - 13 Storage basins (split, adjusted sizing, eliminated 1, combined 2)
 - Replacement and expansion of Nightingale Pump Station
 - 1 High-Rate Wet Weather Treatment Facility
- Green Infrastructure Projects more focused
- 9 Flood Pump Station Projects for DWO's
- Green to Gray 'Right Sizing' Allowable

2009 vs. 2012 Sanitary Sewer Discharge Plan

- Gray infrastructure
 - 16 conveyance (pipeline projects)
 - 19 storage basins (eliminating 1, adding 1)
 - 10 pump station upgrades or expansions
 - 1 wastewater treatment expansion
- Source Control Program Over 15%

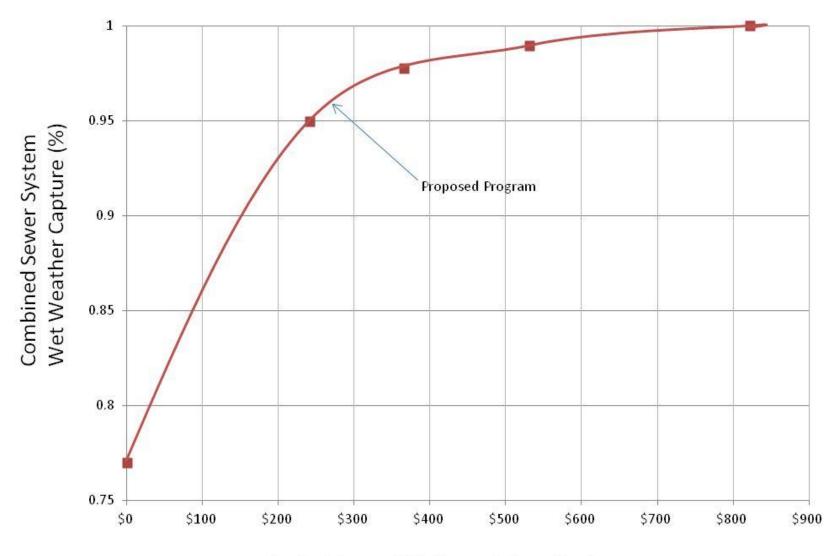


Smoke Testing for Illicit Connections

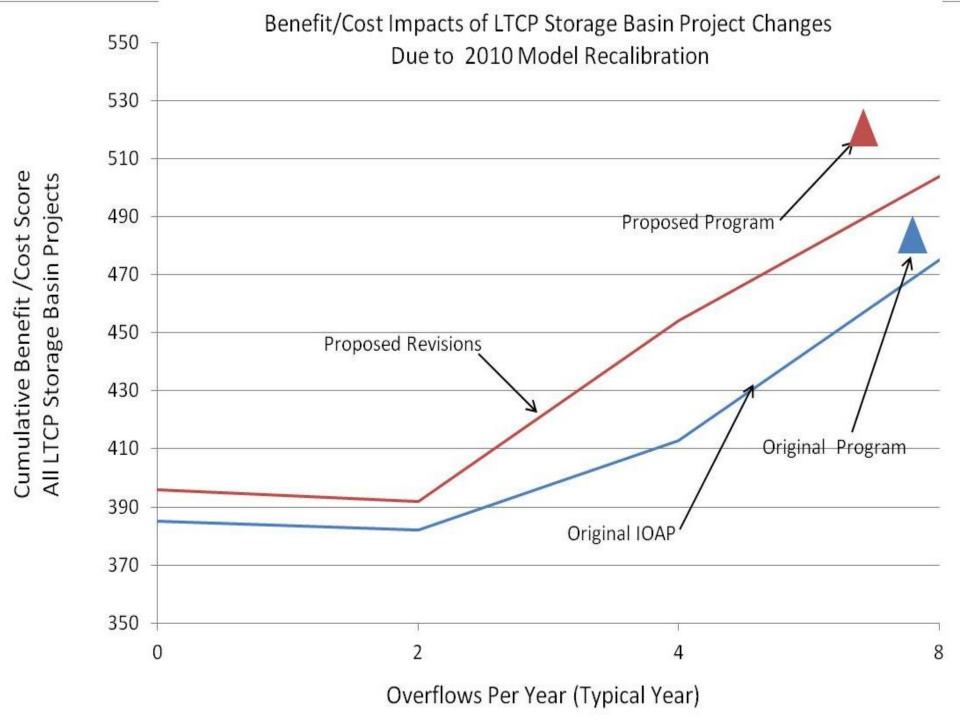


New Pipeline Construction

CSO Reduction Point of Diminishing Return



Capital Cost - CSO Control Gray Projects (\$ Millions - 2008 Dollars)



<u>Schedule</u>	<u>Timeframe</u>	<u>Complete</u>
IOAP Vol. 1, 2 & 3 Markup for Potential Revision	Feb-2012	x
EPA, KDEP & MSD Meeting (Atlanta)	Feb-2012	x
Overflow Report Submittal - prelim email for discussion	Mar-2012	x
Overflow Report Submittal - certified package	Mar-2012	x
WWT Stakeholder Group Proposal - prelim email for discussion	Apr-2012	x
IOAP Project Schedule Justification Package EPA/KDEP Submittal	May-2012	
WWT Stakeholder Group Meeting	May-2012	х
First Round Public Input Meetings	May-2012	
IOAP Revisions for EPA/KDEP Submittal - First Draft	Jun-2012	
Submittal to EPA/KDEP - First Draft	Jun-2012	
EPA, KDEP & MSD Meeting	Jul-2012	
IOAP Revisions for Public Input	Aug-2012	
Second Round Public Input Meetings & Web posting	Sep-2012	
IOAP Revisions for Public Comment and Submittal	Sep-2012	
Production for Submittal (Web posting and DVD at libraries)	Sep-2012	
Submit Notice of 30-day Public Comment Period	Oct-2012	
Public Hearing (14 days after notice)	Oct-2012	
Compile Responsiveness Document	Nov-2012	
Board Approval	Nov-2012	
Final IOAP Submittal to EPA/KDEP	Nov-2012	





Moving Forward

- Continue discussions with EPA regarding proposed project modifications
- Additional public input sought early Fall 2012
- Public Hearing late Fall 2012





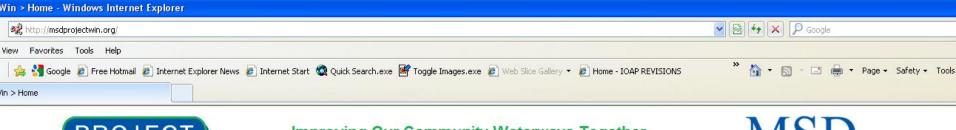
Moving Forward

- Public Involvement Today
 - Solicit Feedback on Modifications
 - Submit comments through June 15
 - Formal responses will sent via letter
- Signup to receive notifications

Project WIN Website - msdprojectwin.org









Improving Our Community Waterways Together



About Us How You Can Help Projects Library Public Input

Your are here: Home

search keywords



We Want You to Share Your Thoughts!

MSD is pleased to announce the next round of sewer overflow abatement project review and input public meetings on May 10, 15 and 17.

Read More



COLLABORATING PROJECTS











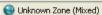














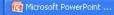




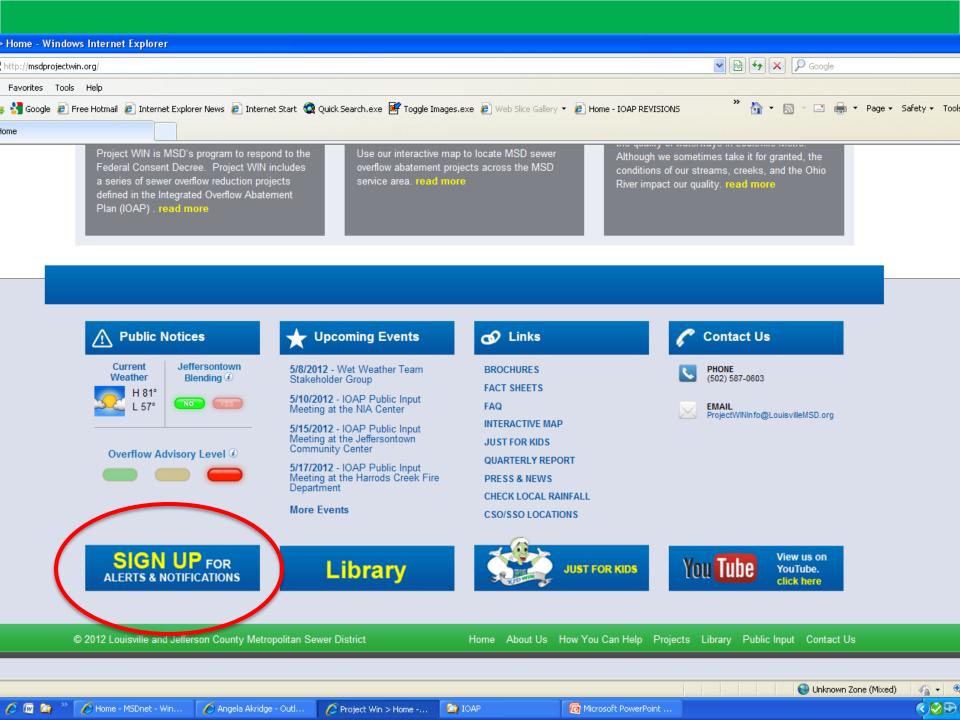












Public Input Sought

- Comment tonight (written or video)
- Provide comments by June 15, 2012
- Via email at <u>commentsIOAP@msdlouky.org</u>
- Via mail:

MSD IOAP Project Comments Attention: Project WIN Program Manager 700 West Liberty St. Louisville, KY 40203



