

State Water Quality Management Plan

- what does the 208 Plan mean for my community?

Public Information Session
November 20, 2006

Focus on Fairfield, Franklin & Licking Counties

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Focus for today's meeting

- State 208 Plan certified on 09/01/2006
 - Issues in Fairfield, Franklin and Licking Counties
- Presentations and other documents available on web page (see last slide)
- Sign up sheet for documents on CD and individual meetings

Other meetings for:
Delaware County – 11/06/2006
Western Franklin County, Big Darby watershed – 10/30/2006

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Outline

- What, why, & who of planning?
- Summary of Plan content, how it works
- How the Plan impacts you –
- Questions

Shared bond – professionals with concern for environment

Key points for POTW operators

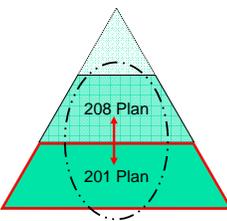
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Part 1

What, why and who
- of the State WQM Plan

State WQM Plan is a Foundation

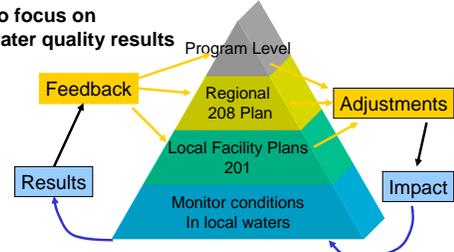
- Foundation for Clean Water Act programs (State – federal level coordination)
- Regional blueprint for fixing pollution
- Basic infrastructure



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State WQM Plan is a Prism

To focus on water quality results



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Section 208 of CWA

- Pre-requisite in 1970s & 80s to secure construction grant funds
 - Encouraged regional solutions, sewers
- No longer a focus of U.S. EPA
- So why be concerned today?
 - Provides direction for meeting water quality challenges
 - Consistency with permit actions

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208 Consistency Check

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What is a Rx?

- “a remedy suggested for any disorder or problem”
- Problem is poor water quality, or a water resource at risk
- Remedy should fit the situation
 - Generic
 - Specific

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Who authors the 208 Plan?

- Areawide Council of Governments – 24 counties
- State of Ohio – remaining 64 counties
 - Updated 42 counties in 2006
 - 22 counties in southeast Ohio (planned for 2007)

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Priority Setting

Population growth
Resource quality

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High Quality Water Resources in Central Ohio

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Desired Outcomes

- Fine tune specific Rx's
- Develop specific Rx's
- Simplify - use generic approach
- Know where you stand in this matrix

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Part 2

How the Plan content works

Assessment of Regional Sewage Collection & Treatment Needs

- Initial screening by Ohio EPA
 - Is sewage an issue with water quality?
 - Capacity or design issues at POTW?
 - Projected population growth
 - Special high value water resource

Correct and up to date NPDES permit applications

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Appendix 9-1

- Identifies management agencies (MA) for wastewater planning, collection & treatment
 - Publicly Owned Treatment Works
 - Are you listed as MA?
 - Do you understand your Rx's?

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Appendix 9-1

- Provides the local prescriptions for dealing with sewage treatment options
- Indexed by County
- Some Rx's are generic
- Others are specific

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Generic Rx's

- Generic Rx's, the "remedies" are flexible
- Simplify - Allow new and expanded facilities with no special "208 content check"
- Tailored to fit authorities of MA
 - Communities with home rule powers
 - County government
 - Community sewer districts
 - PUCO entities
- No defined facility planning area recognized by State 208 Plan

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Specific Rx

- Address water quality issues or pending infrastructure needs, for example
 - Big Darby issues (Appendix 9-3)
 - Western Licking County, facility plan submissions
- Specific Rx may contain detail about new or expanded wastewater disposal
 - Treatment scenarios to be used or not used
 - Areas to be sewerred or left unsewerred



Facility Planning Area

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Prescriptions should be

- Based upon up-to-date Facility Planning information (201)
- Represent current determinations about:
 - when and where central sewer service will be provided within a defined geographic area;
 - through what means;
 - how it is funded; and
 - by which management agency(ies).



Do your homework!

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TMACOG, Example Specific Rx

- Bay View
 - Sewer Village
- Erie County
 - lead DMA
 - Sewer townships
 - New plant or contract with Sandusky (City)
- Sandusky County
 - Sewer townships

No sewers at present



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Guidance for local communities

- Chapter 9, Table 9-1 (see handout)
- 10 point guidelines to prepare a 201 plan that is acceptable for use in State 208 Plan
 - You must be able to fund and implement the service
 - Get written agreements for multi-jurisdictional scenarios



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Part 3 How the Plan impacts you



Hit the highlights

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Licking County, Specific Rx:

- SWLC Sewer District, Kirkersville and Pataskala
 - Cooperative planning effort prior to expanding any facility
- Licking County SD #9, Johnstown and Alexandria
 - Regional FPA product due 10/31/2007

Commissioners are sponsoring County-wide effort

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Fairfield County, Specific Rxs:

- County adopted comprehensive land use plan
 - Submitted to State for consideration in 208 plan
 - Separate input from County and Lancaster
- Facility Planning Areas (FPAs) established to:
 - Protect water quality
 - Plan growth on central wastewater systems
 - Refinement of details in annual updates

Aim for wider discussion among local leaders

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Facility Planning Area

As defined for Fairfield County POTWs

Current Service Area
Planned Service Area (solid CIP in place)
Projected Service Area
Study Area, assigned to each POTW

Serve only what makes sense

Don't plan service beyond FPA

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Townships of Fairfield County

Metro Columbus RFPA

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Incorporated Areas

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Future Growth Patterns

High density growth follows roads

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County Comprehensive Plan

Wastewater Facilities
Fairfield County

- Wastewater Treatment Plant
- Wastewater Treatment Plant
- Planned Service Area
- Existing Service Area Outside Municipal Limits
- Projected Service Area
- Planned Non-Municipal Service Area
- Area of Potential Chronic System Problems
- Current Service Area Boundary
- Proposed Location of JLF Basin 12
- PCW Fairfield County Limits

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FPA Defined in State 208

Derived from Ultimate Service Area Boundary

Baltimore

FPA study areas - Areas of higher density

Amanda

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Examples of FPAs "Spongy"

Ultimate Service Area Boundary

Address in future Rx

Baltimore

Amanda

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Water Quality Feedback

Clear Creek watershed

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Amanda FPA

Ultimate Service Area Boundary

Protect Clear Creek

FPA boundary Sewers needed?, feasible?

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Intent of Specific Rxs

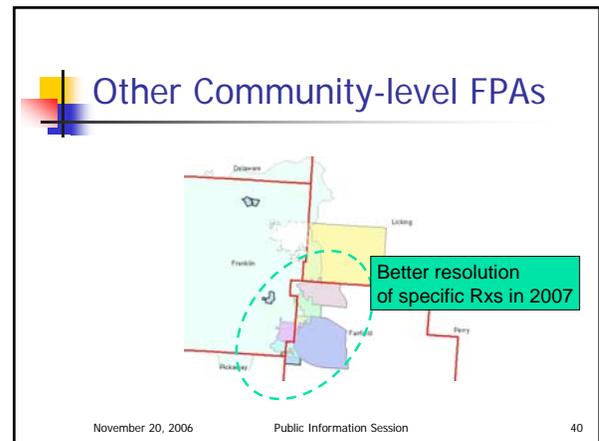
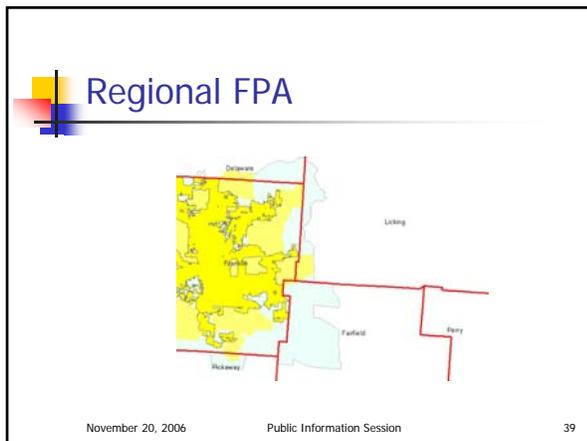
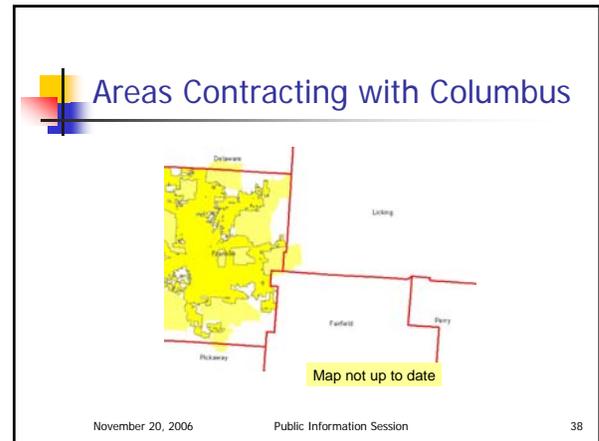
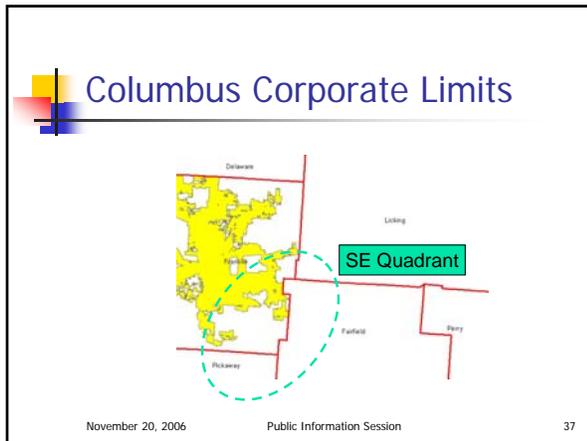
- 23-P1 – FPAs are study area, "spongy" boundary, sewer what is needed, half mile radius
- 23-P2 – Areas outside of defined FPAs not expected to get central wastewater treatment
 - Sewers in such areas possible only with the ok of the assigned management agency (usually the county)

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Franklin County & Metro Columbus RFPA

- Refinement of specific Rxs
 - Adjustment in boundary of RFPA
 - A few changes included
 - New processes for future changes
 - Rxs 25-P2, 25-P3 and 25-P3a
 - Quadrant breakout to promote a more focused regional thinking
 - A lot more individual dialogue needed

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Part 4

Summary & Next Steps

- ### Summary – added value from 208 Plan
- Use water quality information to direct action
 - Update population projections & plan for sewage capacity issues
 - Educate public and elected officials on the steps & options to achieve Clean Water Act goals
 - Develop and implement *locally* created solutions that meet wastewater and water quality needs
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Next up for Ohio EPA

- More guidance for local communities
 - Provide good examples of facility planning work that meets 208 Plan expectations
- Implement a standardized format for local governments to provide a “statement of commitment”, re a pending 208 Plan Rx.
- Begin 2007 update of State WQM Plan



Know what you sign on for!

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For More Information

- Information on 208 planning can be found at:
 - www.epa.state.oh.us/dsw
 - Or by contacting Dan Dudley at
 - dan.dudley@epa.state.oh.us
 - (614) 644-2876

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