



## Section 305(b)

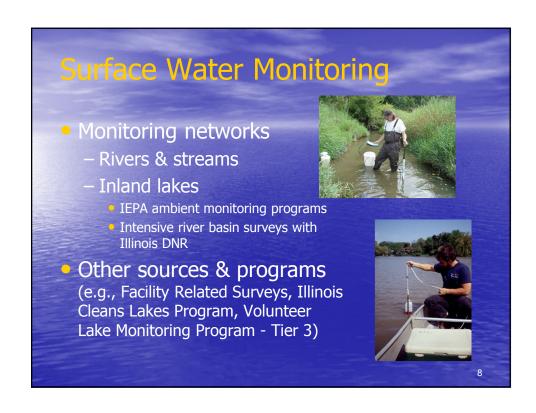
- Federal Water Pollution Control Act of 1972, Clean Water Act of 1977 and subsequent amendments
- Prepare and submit a report which shall include a description of the water quality of all waters in the State
- Illinois publishes this report every two years

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# Section 305(b) Surface Water Monitoring

- Regional Illinois EPA Offices
  - Des Plaines, Springfield, Marion
  - Monitor as many stream miles and lake acres
     as possible
    - Water samples are collected and sent to labs for chemical analysis
    - Physical and biological data are also collected and analyzed

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### Water Body Assessments

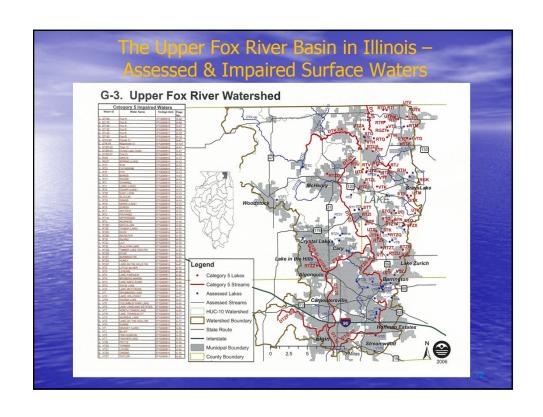
- Selected methodologies and criteria are used to assess whether or not a waterbody's designated uses are being supported
  - Each lake or stream segment is assessed as
     Fully Supporting (good), Not Supporting (fair),
     Not Supporting (poor)
  - Causes and Sources of impairment then assigned for each designated use that is listed as impaired

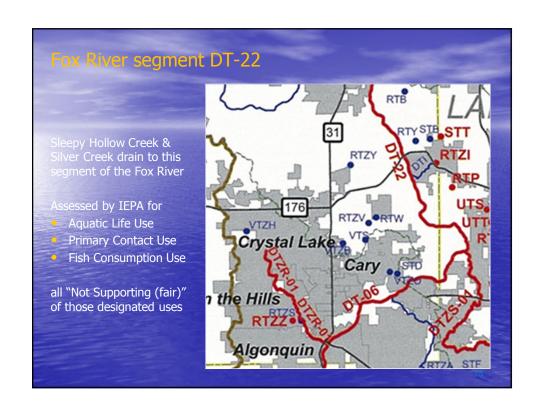
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# Section 303(d) Requires States to...

- Identify waters which are not meeting applicable water quality standards/designated uses
- Establish priority ranking for those waters taking into account the severity of pollution and the uses to be made of such waters
- Target waters for the development of TMDLs (and watershed-based plans)

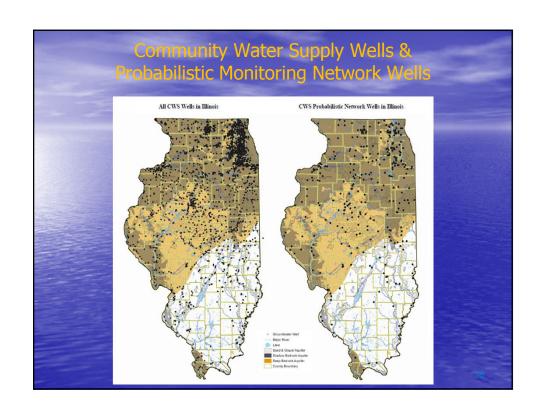
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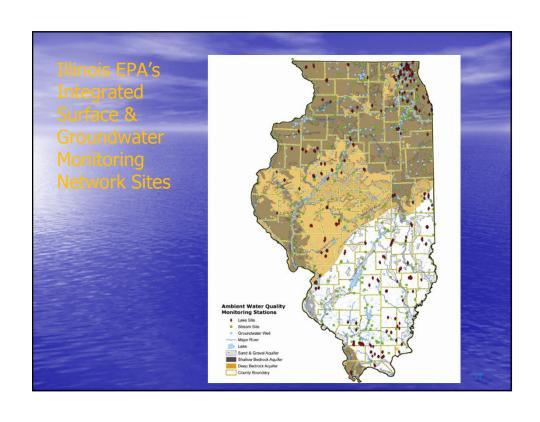


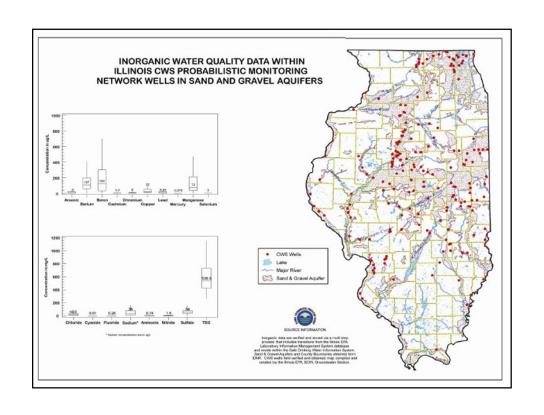


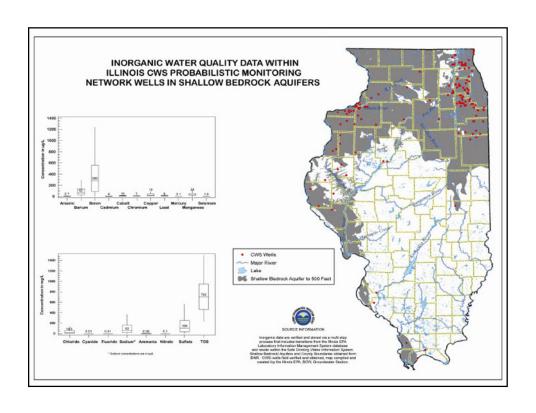


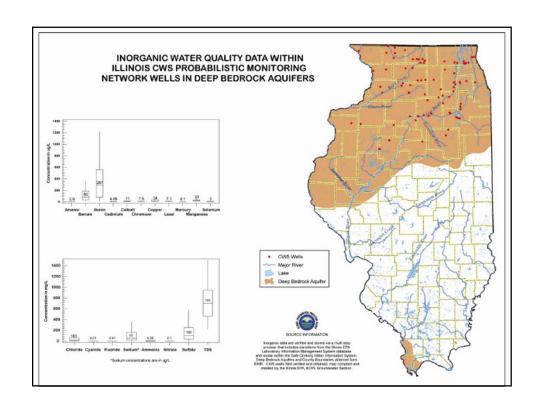


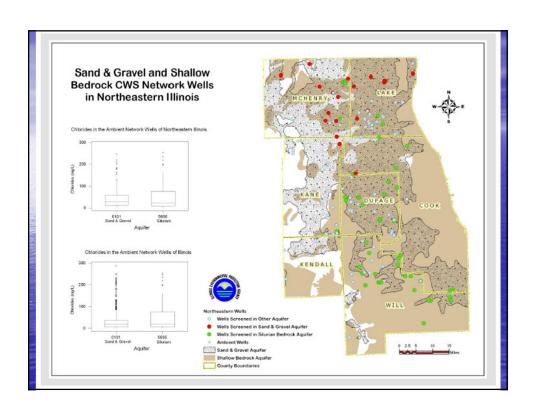


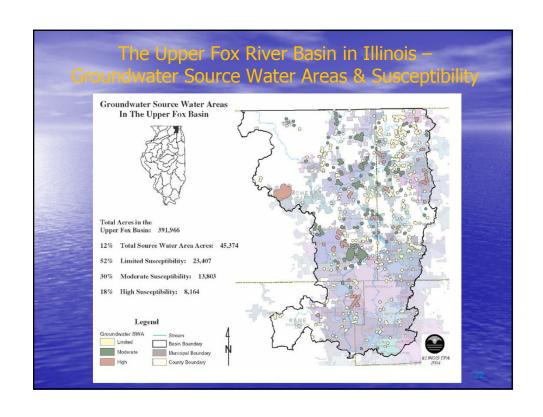




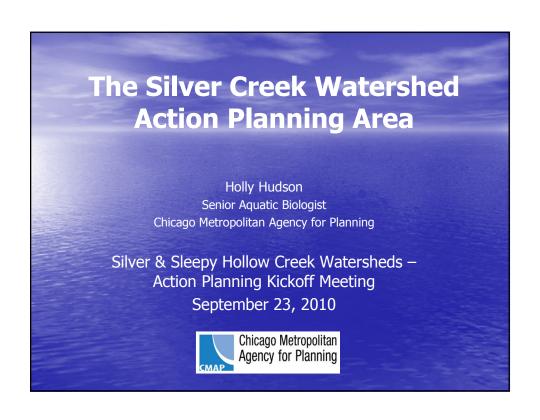


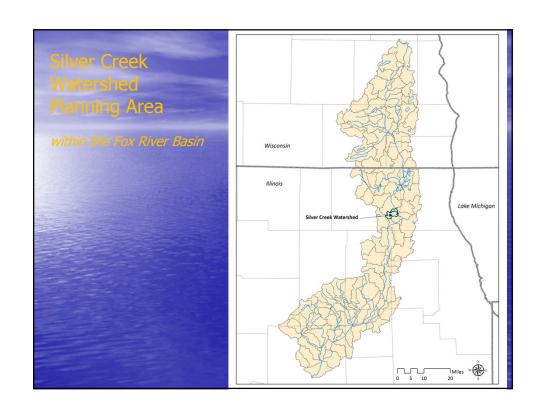


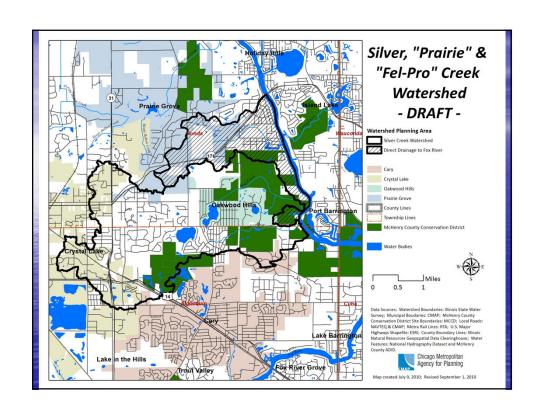


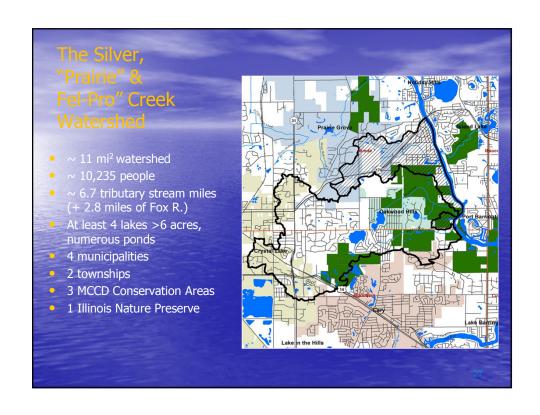


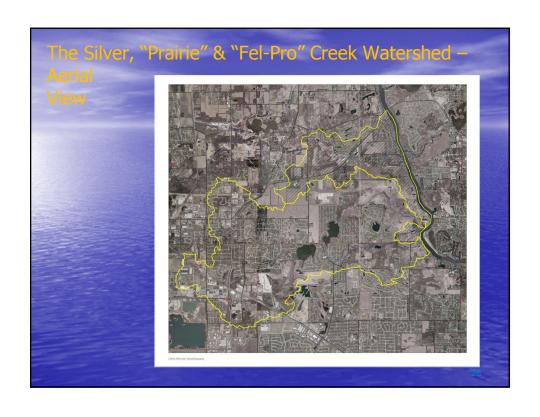


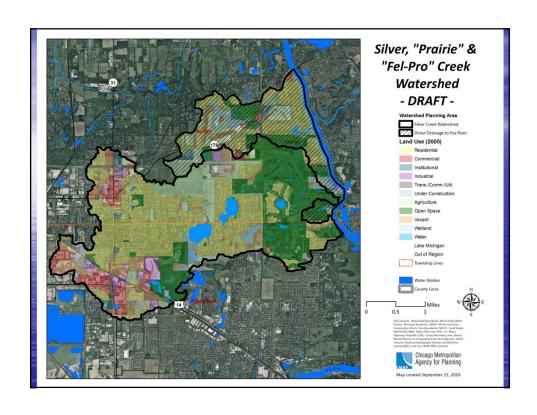


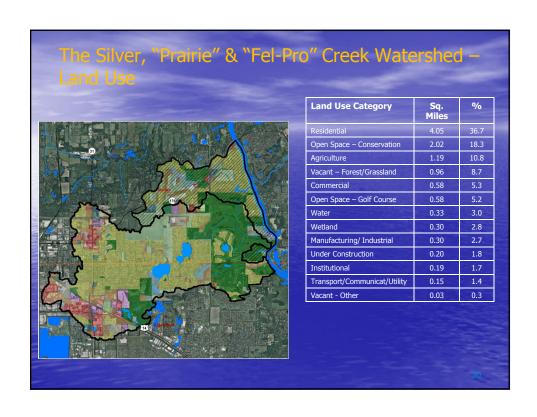


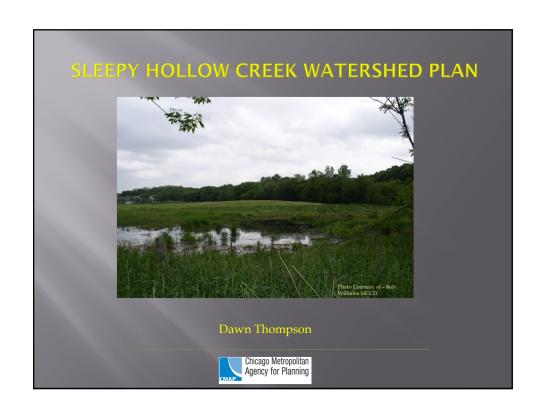


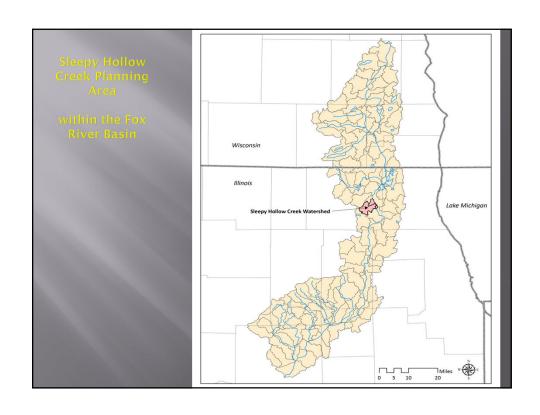


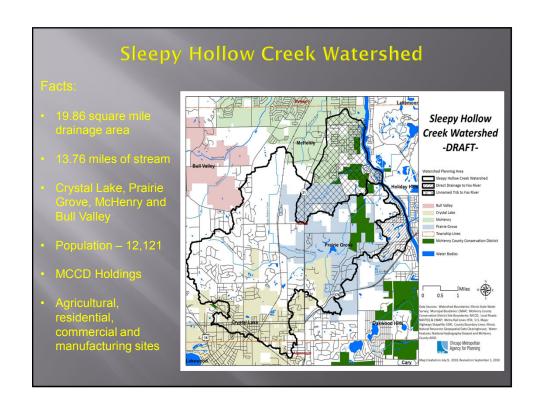


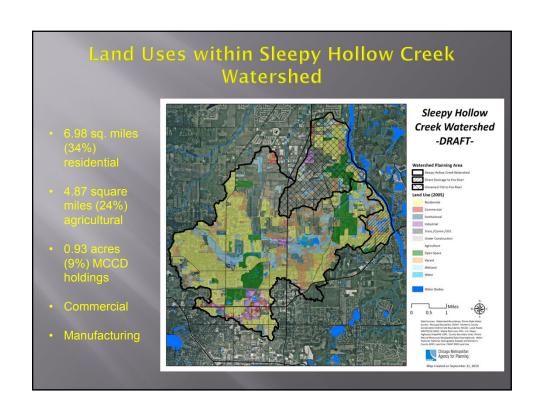




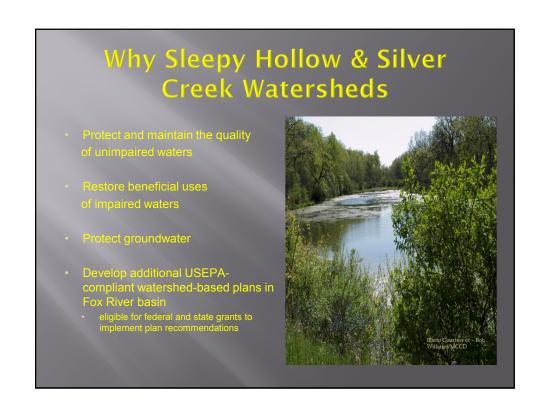




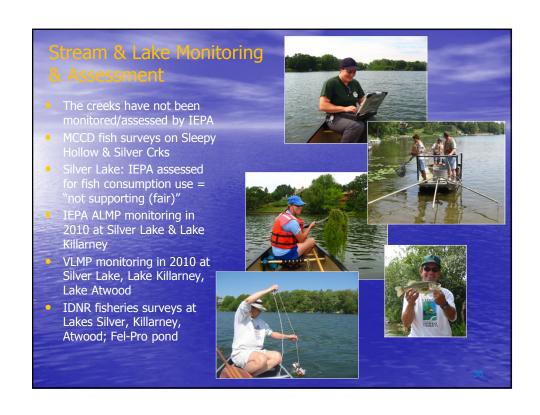




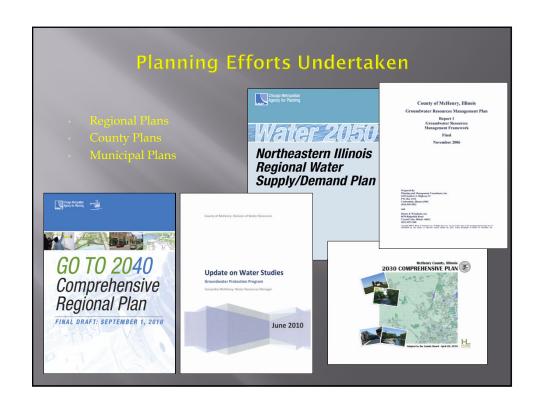
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Wate	rshe	d	
Land Use Category	Area (acres)	Area (sq mi)	Percentage of Watershed
Residential	4465.83	6.98	35.12%
Commercial and Services	167.05	0.26	1.31%
Institutional	260.05	0.41	2.05%
Industrial	293.720558	0.46	2.31%
Transportation/Communication/Utilities	117.086734	0.18	0.92%
Under Construction	208.045205	0.33	1.64%
Agriculture	3119.4919	4.87	24.53%
Open Space	1183.6266	1.85	9.31%
Vacant	1515.83018	2.37	11.92%
Wetland	1184.35054	1.85	9.31%
Water	200.335687	0.31	1.58%
		19.87	100.00%













#### Planning Process: USEPA 9 Minimum **Elements of a Watershed-Based Plan**

- Identify causes and sources of pollution that need to be controlled
  Pollutant reduction targets expected from implementation of measures
  NPS management measures to achieve load reductions
  Develop implementation schedule
  Interim, measurable milestones
  Criteria for achieving load reductions
  Monitoring
  Information and education

- Amount of tech/financial assistance needed and sources

### **Project Planning Timeline**

Introductions/roles, planning structure, project purpose/timeline, watershed concerns	September 2010
Goals and evaluation measures	October 2010
Integrated watershed land use vision, watershed resource inventory	November 2010
Groundwater	December 2010
Ordinances	January 2011
Draft Introduction chapter	February 2011
Draft Inventory and Assessment chapter, including problem statements	March 2011
Watershed resource inventory finalization (prepare to submit to IEPA May 1 <sup>st</sup> )	April 2011
Model output, load reduction targets	May 2011
Plan recommendations	June 2011
Plan recommendations chapter	July 2011
reserved	August 2011
Monitoring and Assessment chapter	September 2011
Draft plan (prepare to submit to IEPA Nov. 1st)	October 2011
Feedback on draft plan	November 2011
Final draft plan approval, next steps	December 2011

Activity  Completion Date Responsible Partner  PowerPoint Presentation - Draft PowerPoint Presentation - Final Draft Dec. 27, 2010 EDMC Planning Brochure - Draft Dec. 15, 2010 EDMC Planning Brochure - Final Draft Peb. 25, 2011 EDMC Planning Brochure - Final Draft Planning Brochure - Printed Mar. 1, 2011 EDMC Watershed Poster - Draft Mar. 15, 2011 EDMC Watershed Poster - Final Draft Apr. 28, 2011 EDMC Watershed Poster - Final Draft Jun. 15, 2011 EDMC Watershed Display - Draft Jun. 15, 2011 EDMC Watershed Display - Final Draft Sep. 1, 2011 EDMC Watershed Recommendation Brochure - Draft Dec. 15, 2011 EDMC Watershed Recommendation Brochure - Final Draft Dec. 15, 2011 EDMC Watershed Recommendation Brochure - Printed Dec. 29, 2011 EDMC Draft Website Design Dec. 1, 2010 FREP Updates to Website Ongoing FREP Noon Network Dec. 31, 2011 CMAP Draft Plan & Executive Summary Nov. 1, 2011 CMAP			
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#### **Question and Comments**

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