Fox River
Implementation Plan

Fox River Study Group Update

Fox River Summit
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Managing a Multi-Purpose Resource

- Drinking water for 300,000+ Illinoisans
- Wastewater and stormwater conveyance
- Recreation for inhabitants and visitors
- Habitat for aquatic and terrestrial species
- Aesthetic value
Illinois EPA
2012 Report to Congress

Mainstem of Fox River in Illinois suffers from nutrient-caused impairments
- Algae is over-fed by nutrients
- Algal blooms suck oxygen out of water
- Low oxygen harmful to aquatic life
- Algae causes taste and odor problems for drinking water
Fox River Implementation Plan

Goals

- Attain water quality for dissolved oxygen
- Reduce nuisance algae
- Replace a traditional TMDL plan
- Recommendations developed based on good science with input from local decision makers
Stream Profile of the Fox River

Fox River From Chain O Lakes to Dayton
47% of River Miles Impounded
55% of River Surface Area is Dam Impoundment
Source: Fox River Fish Passage Feasibility Study
Incorporated as a Not For Profit in 2003

City of Aurora
City of Elgin
Fox Metro Water Reclamation District
Fox River Ecosystem Partnership
Fox River Water Reclamation District
Friends of the Fox River
Kane County
Sierra Club - Illinois Chapter
Tri-Cities (Batavia, Geneva, St. Charles)

**Mission:** To bring a diverse coalition of stakeholders together to work to preserve and enhance water quality in the Fox River watershed

**Scientific Tools**

- Extensive monitoring of Fox River (monthly since 2002, low flows, storms)
- Computer models of watershed runoff and Fox River mainstem

www.foxriverstudygroup.org
Addressing Fox River’s nutrient-related issues
FRIP Project Update – 02/17/15

Updated summer load reduction: Upstream (algae)

Draft: Model results subject to revision
Fox River Study Group’s Fox River Implementation Plan

- Collected data and models will help identify the most effective actions
- Prioritize control actions
- To be completed by end of 2015
Thank You!

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