

# Fox River Implementation Plan



# The Fox River— a multi-purpose resource

Drinking Water for 300,000+ people

Wastewater and Stormwater Conveyance

Recreation for residents and visitors

Habitat for aquatic and terrestrial species

Aesthetic enjoyment



## The Problem

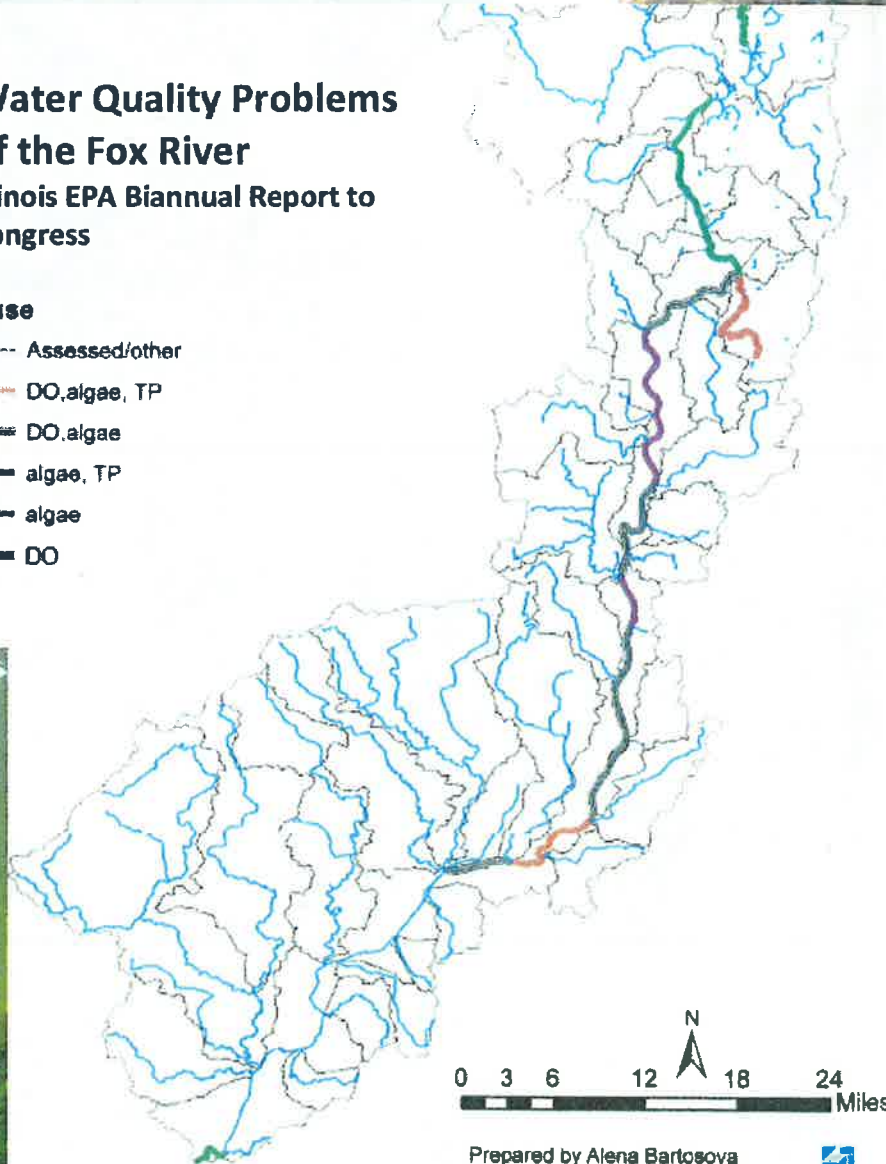
Unfortunately, the Fox River is in trouble. High levels of nutrients enter the river from agricultural and urban runoff and wastewater treatment plants, and the many dams on the river provide the ideal environment for algae to flourish.

Algal blooms cause levels of dissolved oxygen to plummet at night, harming fish and other aquatic life and can even cause fish kills. Much of the mainstem of the Fox River is listed as impaired by the Illinois EPA due to high levels of algae and phosphorus and too low levels of dissolved oxygen.

### Water Quality Problems of the Fox River

Illinois EPA Biannual Report to Congress

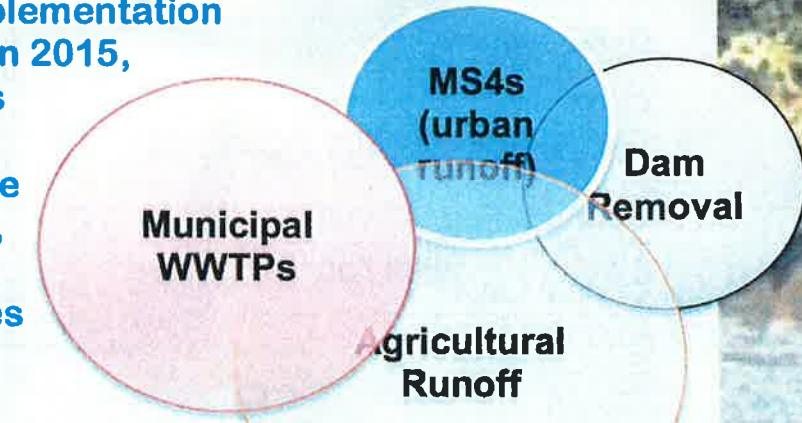
- Cause**
- Assessed/other
  - DO, algae, TP
  - DO, algae
  - algae, TP
  - algae
  - DO



Prepared by Alena Bartosova for the Fox River Study Group, Inc 13 February 2012

## The Plan

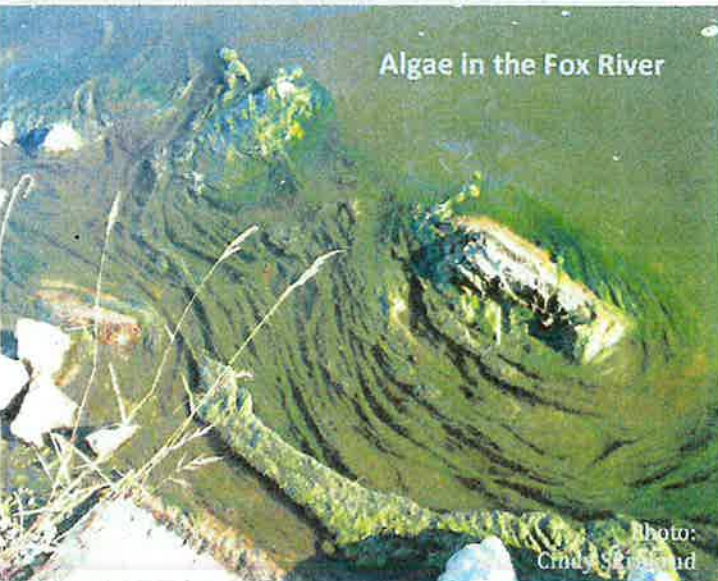
We are working together to develop a plan to protect the Fox River. The Fox River Implementation Plan (FRIP), to be completed in 2015, will lay out a mix of reductions in pollution and river enhancement projects that are needed to provide for a clean, healthy waterway that supports growing communities along the Fox River.



### FRIP Schedule:

Task No.	Task	2013												2014												2015					
		Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June										
1	Kick-off meeting																														
2	Assess and define water quality targets																														
3	Review model and recommend adjustments (if needed)																														
4	First workshop with FRSG																														
5	Model revised loading scenarios																														
6	Develop alternatives to attain water quality goals																														
7	Second workshop with FRSG																														
8	Prepare Draft FRIP																														
9	Third workshop with FRSG																														
10	Prepare Final FRIP																														

Photo: Friends of the Fox River



Algae in the Fox River

Photo: Chris S. Staud

Photo: fishthefox.com

# The People

Leading this effort is the **Fox River Study Group** whose mission is to bring together a diverse coalition of stakeholders to work together to preserve and/or enhance water quality in the Fox River watershed.

Incorporated as a not-for-profit corporation in 2003, the **Fox River Study Group** is governed by a nine-member board with representatives from:

- 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
- Tri-Cities (Batavia, Geneva, St. Charles)

## Additional Participants

Algonquin  
Carpentersville  
Cary  
Chicago Metropolitan Agency for Planning  
ConAgra Foods  
The Conservation Foundation  
Crystal Lake  
Dunham Fund  
East Dundee  
Elburn  
Environmental Defenders of McHenry County  
Fox Lake  
Fox River Grove  
Hinkley  
Illinois American  
Illinois EPA

Illinois River Coordinating Council  
Illinois State Water Survey  
Kane County River Boat Fund  
Kane DuPage Soil & Water Conservation District  
Lake in the Hills Sanitary District  
Lakemoor  
McHenry  
Montgomery  
Mooseheart  
North Aurora  
Northern Moraine Water Reclamation District  
Newark Sanitary District  
Oswego  
Paw Paw  
Pingree Grove  
Plano  
Port Barrington Shores  
Sandwich  
Sheridan  
Somonauk  
Sugar Grove  
USEPA  
Wauconda  
Woodstock  
Yorkville Bristol Sanitary District  
Yorkville

### Fox River Study Group

-Meets every 4<sup>th</sup> Thursday at 9:30 AM at Fox Metro Water Reclamation District, 682 S. Rt. 31, Oswego.

-Updates on our progress on the Fox River Implementation Plan can be found at [www.foxriverstudygroup.org](http://www.foxriverstudygroup.org)