

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** Lower Fox River TMDL  
**Name:** Lower Fox River TMDL  
**Type:** TMDL/303d Projects  
**Subtype:** Implement TMDL  
**Status:** ACTIVE  
**Start Date:** 03/25/2007  
**End Date:** 12/31/2015  
**Purpose:** The Lower Fox River (LFR) Basin originates at the outlet of Lake Winnebago and flows northeast 39 miles where it empties into Green Bay. Land use in this watershed consists of 50% agriculture, 35% urban, and 15% natural forest areas and wetlands. There are 14 Impaired Waters in the LFR Basin, including Lower Green Bay, that are polluted by excess phosphorus (TP) and total suspended solids (TSS) impairing fish and aquatic life uses of these water bodies. These pollutants reach rivers and streams from polluted runoff from farm fields, barnyards, residential yards and industrial and municipal wastewater treatment plants.

**Objective:** This bright green water is a result of total phosphorus loading to the Lower Fox River at Kimberly in June of 2007. Photo courtesy of Bruce Cleland, Tetra Tech.

The draft TMDL was public noticed in June of 2010 and several written comments were received. Comments have been addressed and the TMDL was submitted to US EPA for review and approval on August 30, 2011. The DNR is awaiting approval.

**Comments:**

**Outcome:** How will the TMDLs affect you?

The fact sheets below are available to help interpret the TMDL. The Lower Fox River Outreach Team developed several other materials which can be found on the Lower Fox River Basin UW-Extension website.

For questions and comments regarding the LFR Basin and Green Bay TMDL: Kevin Kirsch (608) 266-7019, or Rob McLennan (920)-424-7894

**Study Design:**

**QA Measures:**

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
CLAYTON, NICOLE L	COORDINATOR	COMPLETE	03/25/2007	12/31/2099	Wisconsin DNR	
McLennan, Robin	COORDINATOR	COMPLETE	06/13/2012	12/31/2099	Wisconsin DNR	
McLennan, Robin	PROJECT_LEAD	INACTIVE	03/25/2007	06/13/2012	Wisconsin DNR	

### Project Statuses

Date	Reported By	Status	Comments
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### Actions

Action	Detailed Description	Start	End Date	Status
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Action	Detailed Description	Start	End Date	Status
TMDL Development	The Lower Fox River (LFR) Basin originates at the outlet of Lake Winnebago and flows northeast 39 miles where it empties into Green Bay. There are 14 Impaired Waters in the LFR Basin, including Lower Green Bay, that are polluted by excess phosphorus (TP) and total suspended solids (TSS) impairing fish and aquatic life uses of these water bodies. These pollutants reach rivers and streams from polluted runoff from farm fields, barnyards, residential yards and industrial and municipal wastewater treatment plants.	04/30/2006	12/31/2099	IN_PROGRESS
<b>Details:</b>	<b>Parameter</b>	<b>Value/Amount</b>	<b>Units</b>	<b>Comments</b>
	Total Phosphorus			
	Total Suspended Solids			
TMDL Development	Development of a TMDL for the Lower Fox River. There are 14 Impaired Waters in the LFR Basin, including Lower Green Bay, that are polluted by excess phosphorus (TP) and total suspended solids (TSS) impairing fish and aquatic life uses of these water bodies. These pollutants reach rivers and streams from polluted runoff from farm fields, barnyards, residential yards and industrial and municipal wastewater treatment plants.	03/25/2007	05/18/2012	COMPLETE
TMDL Monitoring	Lower Fox River Basin TP TSS TMDL 2012. There are 14 Impaired Waters in the LFR Basin, including Lower Green Bay, that are polluted by excess phosphorus (TP) and total suspended solids (TSS) impairing fish and aquatic life uses of these water bodies. These pollutants reach rivers and streams from polluted runoff from farm fields, barnyards, residential yards and industrial and municipal wastewater treatment plants.	03/25/2007	12/31/2015	COMPLETE
TMDL Actions in Wisconsin	There are 14 Impaired Waters in the LFR Basin, including Lower Green Bay, that are polluted by excess phosphorus (TP) and total suspended solids (TSS) impairing fish and aquatic life uses of these water bodies. These pollutants reach rivers and streams from polluted runoff from farm fields, barnyards, residential yards and industrial and municipal wastewater treatment plants.	03/25/2007	12/31/2020	IN_PROGRESS

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Action	Detailed Description	Start	End Date	Status
TMDL (USEPA) Approved	There are 14 Impaired Waters in the LFR Basin, including Lower Green Bay, that are polluted by excess phosphorus (TP) and total suspended solids (TSS) impairing fish and aquatic life uses of these water bodies. These pollutants reach rivers and streams from polluted runoff from farm fields, barnyards, residential yards and industrial and municipal wastewater treatment plants.	05/18/2012	05/18/2012	COMPLETE
TMDL Implementation	TMDL Implementation for the Lower Fox River. There are 14 Impaired Waters in the LFR Basin, including Lower Green Bay, that are polluted by excess phosphorus (TP) and total suspended solids (TSS) impairing fish and aquatic life uses of these water bodies.  Implementation Plan is needed.	05/18/2012		IN_PROGRESS

### Monitoring Stations

Station ID	Name	Comments
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### Assessment Units

WBIC	Segment	Local Name	Official Name
117900	1	Lower Fox River (Mouth To Depere Dam)	Fox River
117900	2	Lower Fox River (Depere Dam To Middle Appleton Dam)	Fox River

### Lab Account Codes

Account Code	Description	Start Date	End Date
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### Forms

Form Code	Form Name
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### Methods

Method Code	Description
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### Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
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### Documents

Title	Description	Author	Published	Comments
Fox River Eutrophic Conditions		Brown County	02/18/2012	
Fox River TMDL 2011 [117900] Cadmus Group	LFR_TMDL_EPA_Submittal_Aug_2011.PDF	Blake, Laura, Cadmus	08/01/2011	
Fox River TMDL Agriculture [PDF 122 KB]		WDNR	02/18/2012	
Fox River TMDL General Key Points [PDF 188 KB]			02/01/2012	

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Title	Description	Author	Published	Comments
Fox River TMDL MS4 Communities [PDF 120 KB]			02/01/2012	
Fox River TMDL Municipal and Industrial Dischargers [PDF 136 KB]			02/18/2012	
Integrated Watershed Approach Demonstration Project (Phase 1) for the Green Bay AOC/Lower Fox River Watershed -Quality Assurance Project Plan	Appendices_to_Phase_I_Final_Repot Fox River TMDL	Cadmus Group	08/01/2011	
Lower Fox River Basin TP TSS TMDL 2012	Total Phosphorus and Total Suspended Solids TMDL for the Lower Fox River Basin and Lower Green Bay	WDNR	03/22/2012	
TMDL DNR Website				
USEPA Approval Letter for the Lower Fox River Basin TP and TSS TMDLs	The approval letter and decision document written by the EPA	USEPA	05/18/2012	
USEPA Decision Document for the Approval of the Lower Fox River Basin TP and TSS TMDLs		USEPA	05/18/2012	

### Budget

**Combined Budgets:**  
**Combined SLOH:**  
**Combined Total:**

### Funding

Organization	Source	Type	Amount	Start Date	End Date
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