

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:	3/25/2007
End Date:	12/31/2099
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:	The overall goal of total maximum daily load implementation is to meet water quality standards and provide meaningful water quality improvements by reducing total phosphorus and total suspended solids loadings in the Lower Fox River basin by 59% and 55%, respectively.
Comments:	
Outcome:	The Lower Fox River Basin TP and TSS TMDL was approved by the U.S. EPA on May 18, 2012. The TMDL covers 27 waterbody segments impaired by total phosphorus and 18 waterbodies impaired by TSS for a total of 45 TMDLs. These TMDLs address degraded habitat, low Dissolved Oxygen (DO), eutrophication, and turbidity impairments.
Study Design:	
QA Measures:	

People

Name	Role	Status	Start Date	End Date	Organization	Comments
CLAYTON, NICOLE L	COORDINATOR	COMPLETE	3/25/2007	12/31/2099	Wisconsin DNR	
McLennan, Robin	COORDINATOR	COMPLETE	6/13/2012	12/31/2099	Wisconsin DNR	
McLennan, Robin	PROJECT_LEAD	INACTIVE	3/25/2007	6/13/2012	Wisconsin DNR	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start Date	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.	4/30/2006	12/31/2099	IN_PROGRESS

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Details: Parameter	Value/Amount	Units	Comments		
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.	3/25/2007	5/18/2012	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.	3/25/2007	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.	3/25/2007	12/31/2020	IN_PROGRESS	
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.	5/18/2012	5/18/2012	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.	5/18/2012		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

7/25/2024

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117900	2	Lower Fox River (Depere Dam To Middle Appleton Dam)	Fox River
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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	Method 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	2/18/2012	
Fox River TMDL 2011 [117900] Cadmus Group	LFR_TMDL_EPA_Submittal_Aug_2011.PDF	Blake, Laura, Cadmus	8/1/2011	
Fox River TMDL Agriculture [PDF 122 KB]		WDNR	2/18/2012	
Fox River TMDL General Key Points [PDF 188 KB]			2/1/2012	
Fox River TMDL MS4 Communities [PDF 120 KB]			2/1/2012	
Fox River TMDL Municipal and Industrial Dischargers [PDF 136 KB]			2/18/2012	
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_Report Fox River TMDL	Cadmus Group	8/1/2011	
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	3/22/2012	
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	5/18/2012	
USEPA Decision Document for the Approval of the Lower Fox River Basin TP and TSS TMDLs		USEPA	5/18/2012	

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Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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