

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** FX06\_WTPLAN

**Name:** Mukwonago River (FX06) Watershed Planning

**Type:** Water Quality Planning

**Subtype:** Targeted Watershed Plans

**Status:** COMPLETE

**Start Date:** 7/1/2010

**End Date:** 6/30/2011

**Purpose:** Watershed plan update 2011. The Mukwonago River Watershed is the smallest of the Fox River Basin watersheds (86 square miles) and lies mainly in Walworth and Waukesha counties, with a small portion falling in Jefferson County. The villages of Eagle, Mukwonago, North Prairie, and Wales lie within the watershed.

There are nearly 50 miles of perennial streams in the watershed. Jericho Creek in the Village of Eagle and an unnamed ditch in the Village of Mukwonago are listed as supporting a cold water aquatic community. The Mukwonago River is listed as an Outstanding Resource Water in the state. None of the streams in the watershed are listed as impaired on the 303(d) list.

There are fifteen lakes in the watershed, the largest being Lake Beulah (834 acres) in Walworth County. This may be the least disturbed watershed in the Southeast Fox River Basin. There are diverse and unique populations of warm water forage fish, game fish, mussels, amphibians, and invertebrates.

Development of this watershed has increased rapidly in the past five to ten years. Impervious surfaces are becoming more abundant and stormwater runoff is increasing. Many of the historic areas that supported agriculture are now supporting suburban housing development.

**Objective:**

**Comments:**

**Outcome:**

**Study Design:** Watershed specified for planning and assessment purposes. Assessment of water quality condition in this respective county will use protocols described in WisCALM of the year of assessment. Minimum assessment work includes biological data (macroinvertebrates, fish indices), chemistry and habitat data. Additional work includes identification of priorities and goals, creating recommendations for actions, and updating narratives for watersheds and waterbodies. Assessments are to be double checked by at least one additional biologist.

**QA Measures:**

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
Helker, Craig D	PROJECT_LEAD	ACTIVE	7/1/2010	6/30/2011	Wisconsin DNR	

### Project Statuses

Date	Reported By	Status	Comments
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### Actions

Action	Detailed Description	Start Date	End Date	Status
Water Quality Planning	Mukwonago	7/1/2010	6/30/2011	IN_PROGRESS

### Monitoring Stations

## Wisconsin Department of Natural Resources SWIMS Project Summary

Station ID	Name	Comments
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### Assessment Units

WBIC	Segment	Local Name	Official Name
765500	2	Mukwonago River	Mukwonago 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	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
Mukwonago River Watershed (FX06) Impaired Waters Map			7/22/2011	
Mukwonago River Watershed (FX06) Map			7/25/2011	
Mukwonago River Watershed (FX06) WAG	Watershed at a Glance	WQ PROGRAM	7/27/2011	
Mukwonago WT 2011 Land Use		Rehwald, Matt	12/30/2011	
Mukwonago WT 2011 Map		Rehwald, Matt	12/30/2011	
Mukwonago WT 2011 OERW & Impaired Waters		Rehwald, Matt	12/30/2011	
Mukwonago WT 2011 Wetlands		Rehwald, Matt	12/30/2011	
Mukwonago Watershed Plan 2011 (FX06)	Assessments and recommendations for the Watershed.	Helker, Craig	4/30/2012	
Watershed-At-A-Glance FX06		Emerson, Jordan	6/21/2011	

### Budget

#### Combined Budgets:

#### Combined WSLH:

**Combined Total:** \$0.00

7/4/2024

## Wisconsin Department of Natural Resources SWIMS Project Summary

Funding					
Organization	Source	Type	Amount	Start Date	End Date