

# Wisconsin Department of Natural Resources SWIMS Project Summary

## General Project Information

**Project ID:** Tainter and Menomin TMDL

**Name:** Tainter Lake, Lake Menomin TMDL

**Type:** TMDL/303d Projects

**Subtype:** Approved TMDL

**Status:** ACTIVE

**Start Date:** 7/1/2009

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

**Purpose:** Phosphorus TMDLs for Lakes Menomin and Tainter were completed in May 2012 and approved by the EPA on September 14, 2012. These "lakes" are impoundments of the Red Cedar River. The Red Cedar River drains portions of seven counties; land use is primarily agriculture which contributes to excess phosphorus leading to recreational impairments (unsightly blue-green algal blooms that limit wading, swimming and boating) in Lake Menomin and Tainter Lake. Please visit the UW-Extension Red Cedar River Watershed website for more information and details on outreach activities associated with the TMDL and the Lower Chippewa Basin.

**Objective:** Reduce the sediment and nutrient contribution to Tainter Lake by implementing agricultural best management practices using innovative practices. The project will also educate landowners about the environmental and economic benefits of conservation practices, focusing on the root causes of Tainter Lakes phosphorus loads and sedimentation.

Implement innovative techniques to increase conservation implementation in the Red Cedar River watershed. The project will provide agricultural producers with the tools necessary to implement conservation practices on their own lands thus reducing the nutrient and sediment loads to Tainter Lake

**Comments:**

**Outcome:**

July 2009- June 2010 Conduct an information campaign to inform farmers of our short term strategy and encourage them to become involved.

- o Educational field days on farms in the township.
- Create a list of BMPs and their pollutant reduction efficiency for the farmers
- o Complete soil sampling.
- o Conduct site visits to discuss current farming practices.
- o Run SNAP Plus on farms that were soil sampled.
- Secure a no till drill for farmers in the township to use.
- Assist farmers in determining the best long term strategy.

July 2010- June 2011

Conduct outreach in order to get 20 landowners to sign up for the selected long term strategy.

- o Press releases in Colfax newspaper
- o Post cards sent to all landowners
- o Informational meetings held at Grant Town Hall
- o Evaluate and sign contracts with participating farmers.
- o Conduct site visits to discuss progress and to ensure implementation
- o Begin compiling records of conservation implementation

Survey participants to determine how satisfied they were with the selected long term strategy and implementation.

Evaluate project to determine success, difficulties and changes that should be made.

Hold an informational meeting to share the outcome of the project

Based on the evaluation of the project, expand the project to the whole watershed.

### Study Design:

### QA Measures:

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
LALIBERTE, PAUL J	PROJECT_MANAGER	COMPLETE	7/1/2009	6/30/2011	Wisconsin DNR	

7/25/2024

## Wisconsin Department of Natural Resources SWIMS Project Summary

OLDENBURG, PATRICK S	COORDINATOR	COMPLETE	7/1/2009	6/30/2011	Wisconsin DNR	
----------------------	-------------	----------	----------	-----------	---------------	--

### Project Statuses

Date	Reported By	Status	Comments
7/15/2014	Lisa Helmuth	Progress: 75-100% Complete	TMDL Approved, No Implementation Yet

### Actions

Action	Detailed Description	Start Date	End Date	Status
TMDL Development	TMDL Development for Tainter and Menomin Lake in the Red Cedar River watershed. These "lakes" are impoundments of the Red Cedar River. The Red Cedar River drains portions of seven counties; land use is primarily agriculture which contributes to excess phosphorus leading to recreational impairments (unsightly blue-green algal blooms that limit wading, swimming and boating) in Lake Menomin and Tainter Lake.	7/1/2009	9/14/2012	COMPLETE
TMDL Implementation	Phosphorus TMDLs for Lakes Menomin and Tainter were completed in May 2012 and approved by the EPA on September 14, 2012. These "lakes" are impoundments of the Red Cedar River. The Red Cedar River drains portions of seven counties; land use is primarily agriculture which contributes to excess phosphorus leading to recreational impairments (unsightly blue-green algal blooms that limit wading, swimming and boating) in Lake Menomin and Tainter Lake. Please visit the UW-Extension Red Cedar River Watershed website for more information and details on outreach activities associated with the TMDL and the Lower Chippewa Basin.	4/10/2011	12/31/2099	IN_PROGRESS

Details: Parameter	Value/Amount	Units	Comments		
Total Phosphorus					
Total Suspended Solids					
TMDL (USEPA) Approved	EPA finds that the TP TMDLs for Tainter Lake and Lake Menomin satisfy all of the elements of an approvable TMDL. This approval is for 2 waterbody segments impaired by total phosphorus for a total of 2 TMDLs. These TMDLs address the eutrophication impairments on these lakes.	9/14/2012	9/14/2012	COMPLETE	
TMDL Implementation	Phosphorus TMDL Implementation for Lakes Menomin and Tainter.  Implementation Plan is needed.	9/14/2012		IN_PROGRESS	

### Monitoring Stations

Station ID	Name	Comments
173124	Tainter Lake - Deep Hole	

### Assessment Units

7/25/2024

## Wisconsin Department of Natural Resources SWIMS Project Summary

WBIC	Segment	Local Name	Official Name
2063500	2	Red Cedar River	Red Cedar River
2063500	6	Red Cedar River	Red Cedar River
2063500	7	Red Cedar River	Red Cedar River
2068000	1	Tainter Lake	Tainter Lake
2068600	1	Hay River	Hay River

### Lab Account Codes

Account Code	Description	Start Date	End Date
--------------	-------------	------------	----------

### Forms

Form Code	Form Name
-----------	-----------

### Methods

Method Code	Method Description
-------------	--------------------

### Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
------------	--------	----------	------------	--------------

### Documents

Title	Description	Author	Published	Comments
Lake Menomin 2065900 Impaired Waters Listing Documentation 2002	Data Documentation Lake Menomin Impaired Waters Delisting Documentation, Dunn County	Oldenburg, Pat	3/27/2002	
Lake Menomin 2065900 Impaired Waters Listing Documentation 2008	Data Documentation	Mark Hazuga		
Lake Menomin Presentation		Oldenburg, Pat	2/17/2012	
Tainter Lake 2068000 Chla Package Rpt 2012	Condition Assessment Report	Aaron Larson	6/14/2011	
Tainter Lake 2068000 Impaired Waters Listing Documentation 2002	Data Documentation Tainter Lake Impaired Waters Documentation, Dunn County	Oldenburg, Pat	3/27/2002	
Tainter Lake 2068000 Impaired Waters Listing Documentation 2008	Data Documentation	Mark Hazuga		
Tainter Lake 2068000 TP Package Rpt 2012	Condition Assessment Report	Aaron Larson	6/14/2011	
Tainter Lake Red Cedar River	PHOTO	WDNR	2/16/2012	
Tainter Lakes Menomin Lakes TMDL Pamphlet	Tainter Lakes Menomin Lakes Fact Sheet	UWEX, DNR	2/1/2010	
Tainter and Menomin Lakes TMDL EPA Decision Document		USEPA	9/14/2012	

Wisconsin Department of Natural Resources  
SWIMS Project Summary

Tainter and Menomin Lakes Total Phosphorus TMDL		WDNR	5/31/2012	
WCR_11_10.BUDGET				

Budget

Combined Budgets:  
Combined WSLH:  
Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
--------------	--------	------	--------	------------	----------