

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: ARRA_Project16 WTDP
Name: ARRA 16 Lake Mallalieu/Willow River TMDL Grant 2P-00E73201
Type: Grant Project
Subtype: ARRA Pass Through Project
Status: ACTIVE
Start Date: 01/21/2010
End Date: 04/30/2011
Purpose: Develop a TMDL implementation plan for Lake Mallalieu/Willow River.
Objective: Complete a TMDL Implementation Plan for the Willow River and Lake Mallalieu. This plan will outline a framework for implementing point and non-point source controls in the watershed that will reverse eutrophication of the lake and the Willow River. Using information gathered from previous monitoring in the watershed, DNR water quality planning databases will be updated for the Willow. The Area-wide Water Quality Management Plan will also be amended to include the Willow River water quality goals and limits.
Comments: DUNS #: _____ CCR#: _____
 Total project award: \$25,500
Outcome:

- o Area-wide Water Quality Plan amendment that implements the Willow River TMDL goals and loading limits.
- o Lake Mallalieu TMDL Implementation Plan developed with stakeholder input.
- o Mass cap limits for phosphorus to be incorporated in WPDES permits.
- o Road map for achieving non-point source reductions needed to achieve the TMDL goals.
- o Updated DNR basin planning databases for the Willow River watershed.

Project Statuses

Date	Reported By	Status	Comments
04/22/2010	KATHY BARTILSON	Active	Report provided by Kyle Kulow and uploaded by Kathy Bartilson
07/08/2010	KATHY BARTILSON	Progress: 0-25% Comple	Report provided by Kyle Kulow and uploaded by Kathy Bartilson
10/20/2010	MOLLI MACDONALD	Progress: 25-50% Compl	Provided by Kyle Kulow: We continue to work on an implementation strategy for the Lake Mallalieu/Willow River TMDL. We intend to have a "rough" draft of the TMDL Implementation Plan ready by March of 2011.

Project Status Detail

Question	Answer
1. Reporting Timeframe (Q1 (Oct-Dec), Q2 (Jan-Mar), Q3 (Apr-June), Q4 (July-Sept)):	Q4 (July-Sept):
2. Amount expended this time period:	\$4117.50 (90 Hrs. @ 45.75/Hr.)
3. Subcontracts or subgrants awarded this period:	none
4. Number work hours created or maintained to date:	410 hours maintained to date. (90 from this quarter, 140 from second quarter and 180 third quarter)
5. Work accomplished this reporting period:	Work accomplished this reporting period: Held one stakeholder meeting and one technical work group meeting for the purpose of reviewing TMDL Implementation Plans and devising a strategy to address surface water concerns in the willow River and Lake Mallalieu. Completed an Agriculture landowner survey and have compiled the information gathered. We will share this information at the next scheduled stakeholder meeting (Oct. 2010).
6. Work goals for coming reporting period:	Staff started the process of developing a survey for Lakeshore residents. In addition, we began preparing a soil testing program for residents as well. Soil testing will be used to educate the landowners about phosphorus. We continue to look for sites to monitor within the Willow River Watershed, with help from USGS.
7. Overall project status:	We continue to work on an implementation strategy for the Lake Mallalieu/Willow River TMDL. We intend to have a "rough" draft of the

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Question**Answer**

TMDL Implementation Plan ready by March of 2011.

Work accomplished: Created a local stakeholders group and technical work group. Have held 5 meetings to date. Currently we're in the process of working with the University of Wisconsin River Falls on a sociological survey. Have met with UW Extension staff and USGS staff for the purpose of developing a monitoring strategy for the project.

Work goals for next reporting quarter: finalize social economic survey and begin advancement of monitoring strategy. Hold two stakeholder meetings, increase stakeholder group representation, hold two technical work group meetings, implement the beginnings of an information and educational strategy within the City of Hudson and Village of North Hudson.

Overall project status: In progress; waiting to hear on the success or failure of two additional grant applications for the Willow River / Lake Mallalieu TMDL.

DUNS number is 040959397
Grant No. 2P-00E73201

Amount = \$25,500.00 for Lake Mallalieu/Willow River TMDL Implementation Plan Development

Please let me know if you are in need of further information.

8. WDNR Question: Job equivalent Created

People

Name	Role	Status	Start Date	End Date	Organization	Comments
BARTILSON, KATHY M	PROJECT_OFFI	ACTIVE	10/03/2009		Wisconsin DNR	
Kulow, Kyle	COORDINATOR	ACTIVE	03/29/2010		St. Croix County	
SCHREIBER, KENNETH W	PROJECT_OFFI	ACTIVE	10/03/2009		Wisconsin DNR	
SORGE, PATRICK W	PROJECT_OFFI	ACTIVE	10/03/2009		Wisconsin DNR	
ST. CROIX COUNTY LCD,	GRANT_RECIPII	ACTIVE	03/30/2010		ST. CROIX COUNTY LCD	

Actions

Action	Detailed Description	Start Date	End Date	Status
TMDL Approval		10/03/2009	12/31/2099	PROPOSED
TMDL Planning and Implementation	On agricultural lands, conservation tillage, lowering soil test phosphorus, nutrient management to match fertilizer addition to crop need, along with careful manure handling are important agricultural best management practices that will help achieve the non-point source reduction. Improved agricultural management practices are especially	10/06/2010		PROPOSED

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Action	Detailed Description	Start Date	End Date	Status
	recommended for the headwaters reaches and tributaries of both the North and South Forks of the Willow.			

Monitoring Stations

Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
2607100	1	Mallalieu Lake	Mallalieu Lake

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
ARRA Project 16, 2010 Lake Mallalieu Willow River TMDL Project Request ARRA funding		ST. CROIX COUNTY	03/29/2010	
ARRA_16_Q2FFY10_Report		WDNR	04/28/2010	
ARRA_16_Q3FFY10_Report			07/30/2010	
Project 16 - Lake Mallalieu Willow River TMDL ARRA Contract	ARRA contract	BARTILSON, KATHY	03/29/2010	

Budget

Code	Description	Quantity	Units	Unit Cost	Total Cost
Test Code	Description	Test Group	# Planned	Unit Cost	Total Cost

Total SLOH Lab Costs: \$0.00