

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: ARRA_Project17 WTDQ
Name: ARRA 17 Brown County Targeted Performance Standards Grant 2P-00E73201
Type: Grant Project
Subtype: ARRA Pass Through Project
Status: ACTIVE
Start Date: 12/09/2009
End Date: 09/30/2010
Purpose: TMDL implementation planning for the Lower Fox, Plum, and East River Watersheds; contact with Brown Count LCD.
Objective: Support of Targeted Performance Standards & TMDL Implementation in Brown County.

This proposal will help County staff implement actions related to the Clean Water Act and DNR's targeted performance standards for nonpoint source pollution. A TMDL is in development for the Lower Fox River Basin and a cost optimization framework is being developed for Plum and East River Watersheds. This modeling will help determine the most cost effective pollutant control measures for these watersheds. These monies will be used by Brown County Land Conservation Department to evaluate these management practices and further plans toward targeted performance measures for these watersheds, to determine what is needed to meet load allocations determined by the TMDL.

Comments: DUNS #: _____ CCR#: _____
 Total project award: \$40,000

Outcome: County Staff would:
 - Gather data from farmers including detailed information from Nutrient Management Plans, in particular, in the Plum and East River Watersheds in Brown County.
 - Use part of the grant to collect supplemental data for fields that do not have soil tests.
 - Input appropriate data into SNAP-Plus.
 - Create a GIS map displaying PI values for targeting resources to reduce phosphorus loading in the Plum and East River Watersheds as part of planning for Lower Fox River TMDL Implementation.

Project Statuses

Date	Reported By	Status	Comments
04/15/2010	NICOLE CLAYTON	0-25% Complete	Brown County is assembling nutrient management plan data and has a deadline for farmers to submit all NMPs by June 1. Staff are working on compiling this data and ordering computers (separate grant) to work on mapping soil phosphorus levels in the TMDL watersheds. Entering of the data will begin after June 1st to begin to create maps for targeting fields for TMDL Implementation.
07/16/2010	NICOLE CLAYTON	Active	Nutrient management plans are in process of being assembled and organized by TMDL watershed. Deadline for submittal of nutrient management plans for 2010 is June 1st by farmers/consultants but some NMPS are late from farmers because of unusual wet conditions. Files are being created that will hold electronic copies of all past and future NMP 590 plans organized by year and geographic region.

Project Status Detail

Question	Answer
1. Reporting Timeframe (Q1 (Oct-Dec), Q2 (Jan-Mar), Q3 (Apr-June), Q4 (July-Sept):	Q3 April 1 to June 30, 2010
2. Amount expended this time period:	Brown Co LCD: Bill Hafs 2 hrs @41.79 =\$83.58 Brent Petersen 197 hrs @30.19 =\$5947.43 Paul Lemke 142.5 hrs @30.19 =\$4302.05 Brad Holtz 17.5 hrs @30.19 =\$528.33 Information services department: Darwin Gaster 23.4 hrs @\$41.74/hr =\$976.71 Jeff DuMez 10 hrs @53.74/hr =\$537.40 Total Q3 \$12,375.50

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Question	Answer
3. Subcontracts or subgrants awarded this period:	None
4. Number work hours created or maintained to date:	Quarter 1 = 8.3 hours \$366.05 Quarter 2 = 524.9 hours \$16,374.38 Quarter 3 = 392.4 hours \$12,375.50 Total 3 quarters = \$29,115.93
5. Work accomplished this reporting period:	Information services (Darwin Gaster): Working with Jeff DuMez on project research & setup, phone calls with Outagamie LCD Staff, determination of alternate approach to accomplish P mapping part of project. Assisting with setup on 2nd Toughbook computer. Participated in first training/information session with LCD staff. Acquired Ag Inventory Client (PC) software from Outagamie County, installed on 1st Tough book computer, successfully connected to SQL Server database Produced Ag Inventory Application Overview document from technical information supplied by Outagamie county Requested review of scope and revised implementation timetable for Ag Inventory application from Bill Hafz. (Jeff DuMez) Working with Darwin Gaster on project research & setup, phone calls with Outagamie LCD Staff. Tested the Arc Pad program on the tough book Created a new GIS database layer called ?Ag Parcels?; related to tax parcels, also revised the Farm Fields GIS data layer Trained Land Conservation staff in two sessions (an overview/feedback session and also 1:1 training at their desks) along with creating a training manual LCD has: Accumulated NMP data from private agronomists and farmers. Worked on locating plans (fields) and organizing plans in TMDL watersheds. Review NMPs and completing site reviews. Began entering PI data on farm fields on tough book as layer.
6. Work goals for coming reporting period:	Information services (Darwin Gaster): Validate operation of Ag Inventory application on Toughbook with Win 7 and Office 2010 (Brown County?s planned standard operation system/office suite) Based on Bill?s review of scope and revised implementation timetable, proceed with testing and GIS configuration for Ag Inventory application. System and user testing along with documentation and training. (Jeff DuMez): Continue training land conservation staff on GIS data entry Set up the mobile GIS to enable synchronization of data between the GIS server and the mobile tough books. Preliminary mapping of P index values Set up noncompliance GIS database for use in the Outagamie County application LCD: Complete entry of nutrient management data onto tough book in TMDL sub watersheds. Complete entry of PI data on maps and Phosphorus soil levels with color coding. <25 ppm P green, 25-50 ppm P yellow, 50 ? 100 ppm P red, > 100 ppm P orange by parcel and field, develop maps.
7. Overall project status:	Nutrient management plans are in process of being assembled and organized by TMDL watershed. Deadline for submittal of nutrient management plans for 2010 is June 1st by farmers/consultants. Some nutrient management plans are late from farmers this year because of unusual wet conditions. Files are being created that will hold electronic copies of all past and future NMP 590 plans organized by year and geographic region. Tough

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Question

Answer

book computers and software from Outagamie County has been purchase and was set up by Brown County Information Services for GIS map creation for project and electronic management of NMP 590 plans. Entry of NMP data on maps from 590 plans has begun. 590 plans are being submitted per due date of June 1, 2010
Training of LWCD staff on Tough book has been completed. Additional training may be needed for additional phosphorus mapping functions.

8. WDNR Question: Job equivalent Created

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Brown County LCD, CLAYTON, NICOLE L	GRANT_RECIPII PROJECT_OFFI	ACTIVE ACTIVE	10/03/2009 10/03/2009	 12/31/2099	Brown County LCD Wisconsin DNR	

Actions

Action	Detailed Description	Start Date	End Date	Status
TMDL Planning and Implementation	Identify Targeted Best Management Practices locations	10/03/2009	10/03/2010	IN_PROGRESS
Runoff Evaluation	Identify Targeted Best Management Practices locations	10/03/2009	12/31/2099	PROPOSED

Monitoring Stations

Station I	Name	Comments

Assessment Units

WBIC	Segment	Local Name	Official Name

Lab Account Codes

Account Code	Description	Start Date	End Date

Forms

Form Code	Form Name

Methods

Method Code	Description

Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name

Documents

Title	Description	Author	Published	Comments
ARRA 17 Brown County Targeted Performance Standards Contract		WDNR	11/04/2009	
ARRA 17 Brown County Targeted Performance Standards Project Description		WDNR	05/23/2009	
ARRA_17_Q2FFY10_Report		WDNR	04/28/2010	

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Budget

Code	Description	Quantity	Units	Unit Cost	Total Cost
FTE	FTE Hours		Hours	\$0.00	\$0.00
LTE SAL	LTE Salary		Hours	\$13.00	\$0.00
LTE FR	LTE Fringe				\$0.00
LTE IND	LTE Indirect				\$0.00
LTE TOT	LTE Total Cost				\$0.00
SUPPLY	Supplies				\$0.00
MILEAGE	Mileage		Miles	\$0.72	\$0.00
MEAL	Meals		Meals	\$9.00	\$0.00
LODGE	Lodging				\$0.00
TRAVEL	Travel Total				\$0.00
BUG	Bug Contracts				\$0.00
OTHER	Other Contracts				\$0.00
EQUIP	Equipment				\$0.00
USGS	USGS Costs				\$0.00
TOTAL	Total Cost (excludes SLOH)				\$0.00

Test Code	Description	Test Group	# Planned	Unit Cost	Total Cost
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Total SLOH Lab Costs: \$0.00