



Please complete and submit to your project manager.

- Reporting Period: [] January 1 through June 30 (Due August 1)
[X] July 1 through December 31 (Due February 1)

All information is required by the U.S. Environmental Protection Agency (EPA) and the Minnesota Pollution Control Agency (MPCA). Do not leave blanks (unless otherwise noted). This report form can be typed using your computer. Use the "tab" key to move through the fields of this form. Enter responses using text and check boxes as indicated. Keep a copy for your records.

I. General Report Information

- 1. Project title: WFDMR Targeting and Prioritizing Endeavor
2. Project sponsor (Grantee): Heron Lake Watershed District
3. Contact name: Jan Voit, District Administrator
4. E-mail address: jan.voit@mysmbs.com
5. Funding: [] 319 [X] CWP [] Clean Water Fund [] Other:
6. Contract number: 93259
7. MPCA Project Manager: Katherine Pekarek-Scott
8. Effective date (mm/dd/yyyy): 6/15/2015 Expiration date (mm/dd/yyyy): 6/30/2018

II. Semi-annual Report Information

1. Project activities completed during last six (6) months according to the program objectives or tasks (please be specific):

Objective 1. Task A:

- Began compilation of datasets
Began preparation of the datasets for post processing

Objective 1. Task B:

No tasks completed

Objective 2. Task A:

Began identifying points within the watershed where the delivery of sediment, P, etc. are coming from

Objective 2. Task B:

No tasks completed

Objective 2. Task C:

No tasks completed

Objective 3. Task A:

No tasks completed

Objective 3. Task B:

No tasks completed

Objective 3. Task C:

No tasks completed

Objective 4. Task A:

The annual report was started on December 10, 2015. It was submitted on December 29, 2015.

2. List all products (documents, pamphlets, videos, maps, etc.) produced in this reporting period:

No new products developed at this time

3. Challenges faced (optional):

N/A

4. Summary of monitoring data collected (if applicable):

N/A

4a. Have all monitoring stations been established in EQUIS? Yes No N/A

4b. Are the data being routinely submitted for storage into EQUIS? Yes No NA

If yes, last submittal date (mm/dd/yyyy): _____

5. Are the Best Management Practices data being annually entered into eLINK)? Yes No N/A

If yes, date last entered (mm/dd/yyyy): _____

6. Describe specific (quantifiable, if possible) results achieved during this period:

n/a

Phosphorus Load Reduction: n/a lbs./year

Nitrogen Load Reduction: n/a lbs./year

Sediment Load Reduction: n/a lbs./year

7. Did the MPCA execute a change order or amendment for this project during this reporting period? No Yes

If yes, summarize those changes:

8 List anticipated program objectives or tasks to be completed during the next six (6) months please be specific):

Objective 1. Task A:

- Complete data compilation
- Complete post processing
- Calculate raster travel times
- Calculate runoff volumes
- Calculate accumulated travel times
- Compile travel time statistics

Objective 1. Task B:

- Complete GIS post processing
- Complete estimates of TP, TN, Sediment and Hydrologic Loading
- Calculate raster mass sediment mobilization
- Calculate accumulated sediment and adjust for calibration factor
- Calculate accumulated sediment at catchment outlet
- Calculate TN and TP, with calibration factor leaving the landscape
- Compile statistics

Objective 2. Task A:

HLWD and consultant will identify specific priority resources for targeted implementation, based on local knowledge and identified impairments, or locally significant resources

Perform GIS analysis of the hydrologically corrected DEM, SSURGO soils, and the 2011 National Land Cover Dataset (NLCD) to identify locations on the landscape that are suitable for BMP and conservation practices.

Identified candidate locations will be reviewed to develop a targeted implementation plan that "measures" costs and

improvements in TP, TN, and sediment that would result from implementing the BMPs.

Objective 2. Task B:

HEI will develop a field verification strategy and approach for HLWD staff

Site check to visually verify land use, practice suitability, and any potential additional physical parameters identified in verification strategy

Compile site verification data

Objective 2. Task C:

Use site verification information to adjust BMP recommendations

Complete final BMP recommendations

Objective 3. Task A:

No tasks anticipated in the next 6 months

Objective 3. Task B:

No tasks anticipated in the next 6 months

Objective 3. Task C:

No tasks anticipated in the next six months

Objective 4. Task A.

Complete annual report

Submit reimbursement requests

Begin writing semi-annual report

III. Expenditure Information for this Period

Provide a copy of your work plan budget showing cumulative expenditures and budget balances by work plan objective and task. Also, fill out the summary below.

Expenditure Report attached

Complete the table below:	Amount
Total Grant Amount	\$21,955.00
Total Match Amount (if applicable)	\$27,165.00
Total Project Amount	\$49,120.00
Grant Expenditures this period	\$0.00
Match Expenditures this period (if applicable)	\$542.50
Cumulative Grant Expenditures to date	\$0.00
Cumulative Match Expenditures to date (if applicable)	\$542.50
Total Cumulative Expenditures to date	\$542.50

Date form completed (mm/dd/yyyy): 12/29/2015
