



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: Osakis Lake Nutrient Reduction - Crooked Lake
2. Project sponsor (Grantee): Sauk River Watershed District
3. Contact name: Lynn Nelson
4. E-mail address: Lynn @srwdmn.org
5. Funding: [ X ] 319 [ ] CWP [ ] CWP Loan [ ] Clean Water Fund [ ] Other:
6. Contract number: 82792
7. MPCA Project Manager: Scott Lucas
8. Effective date (mm/dd/yyyy): 1/15/2015 Expiration date (mm/dd/yyyy): 8/31/2018

II. Semi-annual Report Information

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

Workplan amendment was approved by the MPCA. SRWD's engineer developed alternative cost effective options for each parcel within the Crooked Lake basin and adjacent to JD2 (ditch). The SRWD and Engineer met with each landowner to go over the alternative BMPs and discussed the benefits of these options. The SRWD is one of the landowners adjacent to JD2. The engineer presented an alternative option to the SRWD Board of Managers. The Board agreed to proceed with the recommendation to expand the JD2 sediment ponds to further reduce sediment and to install a Alum system to sequester phosphorus within the pond. Design plans are in the works and the SRWD is pursuing additional funds to completed the project. The SRWD developed its own conservation easement to offer landowners since Douglas County did not receive any RIM funding for 2016. To date, no BMP grant funds have been spent. These funds will be used to fund the alternative practices and the JD2 sed pond expansion. The SRWD held its first Farmer-led Council meeting to discuss issues within the Osakis Lake watershed and brain stormed ideas to increase landowner participation in conservation BMPs. The latest expenditures report is attached.

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

- maps showing proposed crooked lake over parcel layer map for each landowner to review at kitchen table meetings.
Maps showing locations of alternative practices for each parcel for landowners to review and Board discussion.
Handouts for the Farmer-led council meeting

3. Challenges faced (optional):

Landonwers are concerned that if they sign a perpetual easement they will loose their private property rights. This stems from years of lack of information and hearsay. The SRWD is working to address this concern and clarify their landowenr rights.

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

Monitoring began in April and continued through September. Priliminary data shows JD2 is meeting state standards during low flow however, Phosporus level are 2 to 3 times higher than state standards during high flows. Data was submitted to EQUIS in November.

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): 11/1/2016

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:

Collected samples beginning at snow melt analyzed. Data was submitted to EQUIS.

Phosphorus Load Reduction: \_\_\_\_\_ lbs./year

Nitrogen Load Reduction: \_\_\_\_\_ lbs./year

Sediment Load Reduction: \_\_\_\_\_ 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:

Due to the lack of RIM funding for conservation easements, a workplan amendment was executed for this 319 project in June. Funds for the conservation easements was subdivided to allow for smaller water storage projects within the Crooked Lake basin and land adjacent to JD2 .

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

The SRWD will host up to 2 Farmer -Led council meetings and host a Farmers outreach event to go over the new MDA nitrogen fertilizer rule, buffer rule and other merging issues. Complete design plans for a retention basin along JD2.

### 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	\$286,652
Total Match Amount (if applicable)	\$2,879,800
<b>Total Project Amount</b>	<b>\$3,166,452</b>
Grant Expenditures this period	\$33,498.99
Match Expenditures this period (if applicable)	\$5,306.50
Cumulative Grant Expenditures to date	\$39,823.73
Cumulative Match Expenditures to date (if applicable)	\$9,913.92
<b>Total Cumulative Expenditures to date</b>	<b>\$49,737.65</b>

Date form completed (mm/dd/yyyy): 1-24-2017