Watershed Semi-Annual Report for Reporting Year 2014

I. General Report Information

1. Project title: Jack and Okabena Creek Sediment Reduction Project

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 □ CWP □ Clean Water Fund □ Other: 

6. Contract number: 55000

7. MPCA Project Manager: Katherine Pekarek-Scott

8. Effective date (mm/dd/yyyy): 10/1/2012 Expiration date (mm/dd/yyyy): 8/31/2016

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 B: On August 11, 2014, Jan Voit spoke with Russ Hoogendorn, Southwest Prairie Technical Service Agency (SWPTSA) regarding the Okabena Creek streambank stabilizaiton project. The project site was staked on August 8, 2014. Work began on August 13, 2014. The project was completed on August 16, 2014.

   Objective 2. Task A: Summer interns conducted photo monitoring at the Jack Creek site on July 1, 2014. Video footage was also taken.

   Objective 2. Task A: Summer interns conducted photo monitoring at the Jack Creek site on August 4, 2014. Video footage was also taken.

   Objective 2. Task A: Summer interns conducted photo and video monitoring at the Okabena Creek site on August 14, 2014 during project installation.

   Objective 2. Task B: On December 2, 2014, Catherine Sereg reviewed files, organized photos, and uploaded video footage to YouTube.

   Objective 2. Task B: On December 5, 2014 and December 10, 2014 Jan Voit uploaded photos and video footage on the JOSR web page.

   Objective 2. Task C: On December 8, 2014, Jan Voit began drafting the project newsletter. The document was reviewed by MPCA and HLWD staff on December 10, 2014 and forwarded to the printer for formatting. The final version was approved and sent to the publication department on December 17, 2014. The newsletter was distributed on December 22, 2014.

   Objective 2. Task D: The project news release was drafted and distributed to local news media on December 10, 2014.

   Objective 3. Task A: The annual report was submitted to MPCA on December 22, 2014.

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

   Jack Creek site photos and video footage - July 1, 2014
   Jack Creek site photos and video footage - August 4, 2014
   Okabena Creek video footage - August 14, 2014
3. Challenges faced (optional):

The summer interns did not take a transparency tube reading after the Okabena Creek project was installed.

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

Photo monitoring was collected on July 1, 2014 and August 4, 2014 at the Jack Creek site. Photo monitoring and video footage were taken on August 14, 2014 at the Okabena Creek site.

July 1, 2014 - Jack Creek transparency tube reading: 10 cm
August 4, 2014 - Jack Creek transparency tube reading: 24 cm

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):   10/27/2014

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

If yes, date last entered (mm/dd/yyyy):   1/8/2015

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

Jack Creek project information - 444.94 lbs/yr phosphorus, 523.46 tons/yr sediment
Okabena Creek project information - 532.95 lbs/yr phosphorus, 627 tons/yr sediment

Phosphorus Load Reduction: 977.89 lbs./year
Nitrogen Load Reduction: n/a lbs./year
Sediment Load Reduction: 1,150.46 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 2. Task A: Take transparency tube readings on a monthly basis in April, May, and June.
Objective 2. Task A: Take photos and video footage at the sites in April, May, and June.
Objective 2. Task A: Take water samples in April, May, and June.
Objective 2. Task B: Upload photos and video footage to website.
Objective 3. Task A: Submit semi-annual report.
Objective 3. Task A: Begin drafting 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:

<table>
<thead>
<tr>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Grant Amount</td>
</tr>
<tr>
<td>Total Match Amount (if applicable)</td>
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<tr>
<td>Total Project Amount</td>
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<tr>
<td>Grant Expenditures this period</td>
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<tr>
<td>Match Expenditures this period (if applicable)</td>
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<tr>
<td>Cumulative Grant Expenditures to date</td>
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<td>Cumulative Match Expenditures to date (if applicable)</td>
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<td>Total Cumulative Expenditures to date</td>
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Date form completed (mm/dd/yyyy):   1/8/2015