

**Please complete and submit to your project manager.**Reporting Period:  January 1 through June 30 (Due August 1)  
 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: Mississippi River - St. Cloud WRAPS Cycle 2 - Phase 2
2. Project sponsor (Grantee): Sherburne Soil & Water Conservation District
3. Contact name: Francine Larson
4. Email address: flarson@sherburneswcd.org
5. Funding:  319  CWP Loan  Clean Water Fund  Other: \_\_\_\_\_
6. Contract number: 202167
7. MPCA Project Manager: Phil Votruba
8. Effective date (mm/dd/yyyy): 11/12/2021 Expiration date (mm/dd/yyyy): 6/30/2024

**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: Project Administration and Coordination. The Sherburne SWCD as fiscal agent developed and executed a contract for services with the project consultant, Tetra Tech in January of 2022. Since that time, the contractor has begun their work as outlined in the work plan. Sherburne SWCD has received invoices from the contractor and reviewed work as applicable. The SWCD has also developed budgets with the participating LGU partners for assisting their efforts in the project. Invoicing has been completed for project partners on a quarterly basis / monthly basis as requested by each partner. The local project coordinator has worked with the MPCA project coordinator to host periodic meetings to discuss progress made by the consultant and identify opportunities for field studies to be completed under Objective 4. Finally, the local project team and MPCA project coordinator met to discuss waterbodies for Lake Protection Plan development. Initially, five lakes were selected however following evaluation of protocols and available time for this work three lakes were ultimately included into a Lake Protection Plan project - Sugar Lake, Big Lake and Mitchell Lake.

Objective 2: Develop TMDLs, develop TMDL report, and update 2015 WRAPS. Tetra Tech has been completing work on the TMDLs since January of 2022. As of mid-June, Tetra Tech has evaluated all existing data, developed tables/charts/maps for the TMDL report, calibrated 3 of 6 lake Bathtub models, developed all stream load duration curves and loading capacity, and have begun writing several sections of the TMDL report. Additional data analysis will be completed following data collection from summer 2022 (completed per Objective 4 below) and that data becomes available.

Objective 3: Public Participation / Outreach. The local partner team and MPCA project coordinator have discussed several potential options for public participation and outreach. Some efforts may occur in parallel with a developing One Watershed, One Plan project for the same geographical area (MRSC Watershed). Additionally, the group has expressed a strong desire to host a "We Are Water MN" exhibit to communicate aspects of the WRAPS project. This traveling exhibit highlights state-wide and local water issues and would be developed using the WRAPS data and public engagement opportunities. The program is competitive - a proposal was submitted on July 21st and the group is awaiting notification which is scheduled for the first week of August.

Objective 4: Pollution Source Assessment efforts. The local partner team held several meetings between January 2022 and May 2022 to discuss pollution source assessment options. A strong desire was expressed for field data that would supplement existing TMDL waterbody assessments. A secondary desire was to collect data for developing a hydroconditioned watershed for future modeling efforts. The team decided to allocate funds for E.coli monitoring on

Fairview Creek as well as TP/Chl-A/Secchi Disk monitoring on three Wright County lakes (Little Mary North, Little Mary South, and Millstone). The few remaining funds would be used for the project sponsor to develop a protocol for integrating existing culvert inventory data into state databases so that all available data would be available for future watershed modeling.

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

A Professional Services Contract was developed between Sherburne SWCD and Tetra Tech, as well as sub-contracts developed between the Sherburne SWCD and local partner team. TMDL data is in development by Tetra Tech but has not been released to the project team at this point, pending review of the summer 2022 data currently being collected through Objective 4. Several laboratory data sheets of field results have been produced. Finally, a proposal for "We Are Water MN" was developed and submitted as a hopeful opportunity to showcase WRAPS results and integrate public input and engagement.

**3. Challenges faced (optional):**

There were several conversations and mixed feelings about language included in the local partner sub-contracts regarding HR/LR Policy #1446 regarding vaccinations. Partners expressed confusion over how this was to be tracked and reported and concerns expressed over the sensitivity of the information. An additional slight challenge was an environmental laboratory implementing an 8.9% surcharge in mid-summer for all lab fees. The project sponsor worked with the MPCA project manager to evaluate the impact of these additional costs and at this time we believe the existing budget should cover this unanticipated additional expense.

For Fairhaven Creek monitoring, access to the site was impossible in mid/late June and early July due to road construction occurring. We anticipate still being able to collect sufficient data for proper analysis on this stream. The first sample was sent to MVTL laboratories and the sample was analyzed a few hours past the maximum holding time limit. Because of the courier pickup/dropoff schedule an alternate lab was selected so we could meet the holding time limit. Water Labs Inc in Elk River is a certified lab but does not transfer data directly to MPCA. Sherburne SWCD is working with MPCA to identify the process necessary to submit these data.

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

Several samples have been collected from Fairhaven Creek with parameters including e.Coli, dissolved oxygen, temperature, conductivity, pH and flow. The e.Coli has varied greatly at this site. On the three Wright County lakes, parameters collected include TP, CHL-a, Secchi Disk, temperature and dissolved oxygen.

**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: \_\_\_\_\_ 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?**

Yes  No

If yes, summarize those changes:

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

In the next six months, we anticipate the following tasks to be completed (listed by Objective):

Objective 1: Continuation of fiscal oversight including invoicing and payments issued. Additional meetings hosted to review the TMDL waterbodies and all (existing and summer 2022) data.

Objective 2: Complete TMDLs for all waterbodies listed in work plan, continued progress on TMDL report. Begin discussions on approach for WRAPS update and content to be included.

Objective 3: Learn of the outcome for our "We Are Water MN" proposal. If successful, begin planning and coordinating this effort. If unsuccessful, begin developing an alternative outreach and engagement plan.

Objective 4: Complete all field studies, gain an understanding of existing culvert inventory data and upload data to state databases. Integrate field study data to TMDLs

### III. Expenditure information for this period

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

Expenditure report attached

<b>Complete the table below:</b>	<b>Amount</b>
Total grant amount	160,000.00
Total match amount (if applicable)	
<b>Total project amount</b>	<b>160,000.00</b>
Grant expenditures this period	51,302.36
Match expenditures this period (if applicable)	
Cumulative grant expenditures to date	51,302.36
Cumulative match expenditures to date (if applicable)	
<b>Total cumulative expenditures to date</b>	<b>51,302.36</b>

Date form completed (mm/dd/yyyy): 7/26/2022

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