

**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

- Project title: Redwood River Watershed Restoration and Protection Strategies (WRAPS) and Total Maximum Daily Load (TMDL) Project
- Project sponsor (Grantee): Redwood-Cottonwood Rivers Control Area
- Contact name: Kerry Netzke
- Email address: kerry.netzke@rcrca.com
- Funding:  319  CWP Loan  Clean Water Fund  Other: \_\_\_\_\_
- Contract number: 138032
- MPCA Project Manager: Mike Weckwerth
- Effective date (mm/dd/yyyy): 2/27/2018 Expiration date (mm/dd/yyyy): 6/30/2022

## II. Semi-annual report information

- Project activities completed during last six (6) months according to the program objectives or tasks (please be specific):**
  - Obj. 1 Task A: Data Review and Processing -- Task completed.
  - Obj. 1 Task B: Lake Sediment Core Sampling and Analysis -- Task completed.
  - Obj. 1 Task C: Source Assessments -- Task completed.
  - Obj. 1 Task D: TMDL Allocations Development -- Redwood River: Lake and stream TMDL allocations have been calculated. Work is progressing on the River Eutrophication Standard (RES) TMDL which is a separate document. 91% of the budget expended.
  - Obj. 1 Task E: Develop Draft TMDL Report -- Redwood River: The newly identified impairments have been included; revised draft was redistributed to LWG for review/comments which have been incorporated. Draft TMDL is going through internal review at MPCA with anticipated submittal to EPA by August 1. RES TMDL development continues. 77% of the budget expended.
  - Obj. 2 Task A: Develop Restoration & Protection Tables -- Tables are being generated with available data in a format chosen by the LWG. 83% of the budget expended.
  - Obj. 2 Task B: Develop Subwatershed Analysis Reports -- The format for the 2-page reports were chosen by the LWG utilizing Plum Creek pilot subwatershed data. Work will continue once TMDL is submitted to EPA and WRAPS report is drafted for review by LWG and MPCA. 88% of the budget expended.
  - Obj. 2 Task C: Develop Draft WRAPS Report -- Sections of the draft report have been shared with the LWG. Wenck Associates anticipates presenting the draft report and partial tables to the LWG in August. Consensus was to generate watershed-wide table with subwatershed specific tables to identify concerns particular to that subwatershed. This will reduce the redundancy of large tables. 58% of the budget expended.
  - Obj. 3 Task A: TMDL/WRAPS Meetings -- LWG meetings were held in-person in February and March. Due to Covid-19 meeting restrictions and Stay-At-Home orders, virtual meetings were held in May and June. At the February meeting, presentations were made by Matt Drewitz (BWSR) and Joe Magner and Rallapalli Srinivas (U of M) regarding the pros/cons of the prioritization and targeting tools. Research conducted by Srinivas in the Plum Creek subwatershed was highlighted involving Decision Support Systems (DSS). 56% of budget expended.

Obj. 4 Task A: Address Comments to TMDL/WRAPS Reports -- Comments on the draft TMDL report have been incorporated. LWG comments on the draft WRAPS are being incorporated with a final draft to be presented to the LWG in August including draft tables. 46% of the budget expended.

Obj. 5 Task A: Fiscal Tracking and Progress Reporting -- Quarterly invoices 9 & 10 were prepared, along with the July-December semi-annual report, and payments to Wenck Associates and LWG members. 23% of the budget expended.

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

Invoice 9, Invoice 10 and July-December Semi-Annual Report/Budget.

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

Covid-19 meeting restrictions caused LWG meetings to be held virtually. Although virtual meetings have been more convenient for LWG members and result in reduced expenses (primarily travel time/mileage), discussion tends to be less than in-person meetings. Now that meeting restrictions are less strict, meetings are planned to be in-person with virtual connection ability for those who do not feel comfortable in crowds.

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

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

Redwood River TMDL report will be submitted to EPA approximately August 1 following MPCA internal review. RES TMDL will follow this Fall 2020. Draft final report for the WRAPS will be presented to the LWG in August. Work on the tables by the LWG and Wenck will continue with a final draft by the end of the year. Subwatershed reports will continue to be developed as time allows. A Change Order will be requested following approval of this Semi-Annual Report to move remaining funds from completed tasks to current tasks.

### III. Expenditure information for this period

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

Complete the table below:	Amount
Total grant amount	\$200,000
Total match amount (if applicable)	
<b>Total project amount</b>	<b>\$200,000</b>

Grant expenditures this period	\$28,978.78
Match expenditures this period (if applicable)	
Cumulative grant expenditures to date	\$137,879.76
Cumulative match expenditures to date (if applicable)	
<b>Total cumulative expenditures to date</b>	<b>\$137,879.76</b>
Date form completed (mm/dd/yyyy): <u>7/9/2020</u>	