

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

II. Semi-annual report information

1. **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 -- Source assessment allocations have been developed for the original identified impairments and newly identified impairments. 99% of the budget expended.
 - Obj. 1 Task D: TMDL Allocations Development -- Lake and stream TMDL allocations are underway for the newly identified impairments; 77% of the budget expended.
 - Obj. 1 Task E: Develop Draft TMDL Report -- The draft report with the original identified impairments has been provided to the LWG and MPCA for review/comment. Updates for the newly identified impairments have begun. 76% of the budget expended.
 - Obj. 2 Task A: Develop Restoration & Protection Tables -- Tables are being developed. Missing information will be added as it becomes available (Stressor ID Report). 39% of the budget expended.
 - Obj. 2 Task B: Develop Subwatershed Analysis Reports -- Wenck presented a draft 2-page report. LWG reviewed information and recommended changes to the graphical display of the information. Watershed characterization and statistical analysis has begun. 93% of the budget expended.
 - Obj. 2 Task C: Develop Draft WRAPS Report -- The draft report has been outlined. Work to compile impairment tables, background information and summary maps will continue for the newly identified impairments. Begun collecting data on groundwater. 33% of the budget expended.
 - Obj. 3 Task A: TMDL/WRAPS Meetings -- July, September and December LWG meetings were held. Meetings are rotated between Marshall and Redwood Falls to encourage LWG attendance. 66% of budget expended.
 - Obj. 4 Task A: Address Comments to TMDL/WRAPS Reports -- Work has begun to address draft TMDL report comments and incorporate the new impairments. 29% of the budget expended.
 - Obj. 5 Task A: Fiscal Tracking and Progress Reporting -- Quarterly invoices 7 & 8 and Jan-June SAR were prepared; prompt payments to Wenck and LWG members were processed.

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

Wenck Associates has produced a draft subwatershed analysis report for review/comment by the Local Work Group (LWG), and continued improvements to the online GIS tool. TMDL report is in draft form and new impairments have been incorporated.

3. Challenges faced (optional):

LWG members are being stretched thin with new One Watershed One Plans in the region, as well as 2nd round of WRAPS. Wenck is progressing with the Subwatershed Analyses while we await completion of the watershed assessment reports from the MPCA and DNR. Additional data collection for the Stressor ID Report is planned for 2020 which will delay the inclusion of that information until Fall/Winter 2020.

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):

The draft TMDL report will be updated to include the newly identified impairments. Review/comments by the LWG and MPCA will be incorporated. LWG will provide data and format input for the Subwatershed Analyses.

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)	
Total project amount	\$200,000
Grant expenditures this period	\$24,274.14
Match expenditures this period (if applicable)	
Cumulative grant expenditures to date	\$108,715.77
Cumulative match expenditures to date (if applicable)	
Total cumulative expenditures to date	\$108,715.77

Date form completed (mm/dd/yyyy): 1/10/2020

July - December 2019 Semi-Annual Report Budget Expenditure

Project Name: Redwood WRAPS
Contractor: RCRCA

Cost Category Effective as of July 1, 2018	Unit Cost	Rate	Qty	Total Grant Cash after CO2	Feb-Mar 2018 Grant Expended	Apr-Jun 2018 Grant Expended	Jul-Sep 2018 Grant Expended	Oct-Dec 2018 Grant Expended	Jan-Mar 2019 Grant Expended	Apr-Jun 2019 Grant Expended	July-Dec 2019 Grant Expended	Total Grant Expended	Total Budget Remaining after CO2
Objective 1: TMDL Report Development													
Task A Data Review and Processing													
RCRCA Staff	\$58.00 /hr.		12.00	\$696.00	348.00							696.00	\$0.00
Wenck Associates - Level 2	\$95.55 /hr.		32.00	\$3,057.60	1,232.60	\$1,825.00						3,057.60	\$0.00
Wenck Associates - Level 3	\$134.81 /hr.		8.00	\$1,078.48	1,051.92	\$26.96						1,078.48	\$0.00
Task B Lake Sediment Core Sampling & Analysis													
RCRCA Staff	\$58.00 /hr.		5.00	\$290.00		\$290.00						290.00	\$0.00
Wenck Associates - Level 2	\$95.55 /hr.		12.00	\$1,146.60		\$1,146.60						1,146.60	\$0.00
Wenck Associates - Level 3	\$134.81 /hr.		12.00	\$1,617.72		\$1,617.72						1,617.72	\$0.00
Laboratory Analysis				\$3,600.00		\$3,600.00						3,600.00	\$0.00
Mileage - Wenck Associates & Local Work Group	Comm's Rate /mi			\$225.63		\$225.63						225.63	\$0.00
Task C Source Assessments													
RCRCA Staff	\$58.00 /hr.		2.00	\$116.00		\$116.00						116.00	\$0.00
Wenck Associates - Level 2	\$95.55 /hr.		24.00	\$2,293.20	\$429.98	\$1,863.22						2,293.20	\$0.00
Wenck Associates - Level 3	\$134.81 /hr.		12.00	\$1,617.72	\$404.43							1,617.72	\$0.00
Task D TMDL Allocation Development													
Task E Develop Draft TMDL Report													
RCRCA Staff	\$58.00 /hr.		8.00	\$464.00		\$464.00						464.00	\$0.00
Wenck Associates - Level 2	\$95.55 /hr.		0.00	\$0.00		\$0.00						0.00	\$0.00
Wenck Associates - Level 3	\$137.52 /hr.		4.00	\$550.08		\$550.08						550.08	\$0.00
Task B Lake Sediment Core Sampling & Analysis													
RCRCA Staff	\$58.00 /hr.		14.00	\$812.00		\$812.00						812.00	\$0.00
Wenck Associates - Level 2	\$95.55 /hr.		60.00	\$5,848.80		\$5,848.80						5,848.80	\$0.00
Wenck Associates - Level 3	\$137.52 /hr.		20.00	\$2,750.40		\$2,750.40						2,750.40	\$0.00
Task D TMDL Allocation Development													
RCRCA Staff	\$58.00 /hr.		44.00	\$4,288.12		\$4,288.12						4,288.12	\$0.00
Wenck Associates - Level 2	\$95.55 /hr.		24.00	\$2,293.20		\$2,293.20						2,293.20	\$0.00
Wenck Associates - Level 3	\$137.52 /hr.		24.00	\$3,300.48		\$3,300.48						3,300.48	\$0.00
Task E Develop Draft TMDL Report													
RCRCA Staff	\$58.00 /hr.		24.00	\$1,392.00		\$1,392.00						1,392.00	\$0.00
Wenck Associates - Level 2	\$95.55 /hr.		72.00	\$6,880.00		\$6,880.00						6,880.00	\$0.00
Wenck Associates - Level 3	\$137.52 /hr.		96.00	\$9,358.08		\$9,358.08						9,358.08	\$0.00
OBJECTIVE 1 - TOTAL													
				\$61,685.99	\$4,391.39	\$11,347.56	\$11,242.26	\$6,260.01	\$12,281.90	\$9,912.02	\$6,044.49	\$52,558.63	\$9,127.36
Objective 2: WRAPS Report Development													
Task A Develop Restoration & Protection Tables													
RCRCA Staff	\$58.00 /hr.		16.00	\$928.00		\$928.00						928.00	\$0.00
Wenck Associates - Level 2	\$95.55 /hr.		0.00	\$0.00		\$0.00						0.00	\$0.00
Wenck Associates - Level 3	\$137.52 /hr.		80.00	\$11,001.60		\$11,001.60						11,001.60	\$0.00
Task B Develop Subwatershed Analysis Reports													
RCRCA Staff	\$58.00 /hr.		0.00	\$0.00		\$0.00						0.00	\$0.00
Wenck Associates - Level 2	\$95.55 /hr.		16.00	\$1,528.80		\$1,528.80						1,528.80	\$0.00
Wenck Associates - Level 3	\$134.81 /hr.		7.00	\$943.67		\$943.67						943.67	\$0.00
Task C Develop Draft WRAPS Report													
RCRCA Staff	\$58.00 /hr.		0.00	\$0.00		\$0.00						0.00	\$0.00
Wenck Associates - Level 2	\$95.55 /hr.		104.00	\$9,938.20		\$9,938.20						9,938.20	\$0.00
Wenck Associates - Level 3	\$137.52 /hr.		32.00	\$4,400.64		\$4,400.64						4,400.64	\$0.00
Task D Develop Draft WRAPS Report													
RCRCA Staff	\$58.00 /hr.		54.00	\$3,132.00		\$3,132.00						3,132.00	\$0.00
Wenck Associates - Level 2	\$95.55 /hr.		96.00	\$9,152.80		\$9,152.80						9,152.80	\$0.00
Wenck Associates - Level 3	\$137.52 /hr.		44.00	\$6,052.80		\$6,052.80						6,052.80	\$0.00
OBJECTIVE 2 - TOTAL													
				\$66,378.39	\$0.00	\$6,158.23	\$48.74	\$3,576.38	\$3,828.56	\$3,477.29	\$10,278.29	\$27,367.49	\$29,010.90
Objective 3: Project Participation													
Task A TMDL/WRAPS Meetings (Wenck 2 & LWG 2)													
RCRCA Staff	\$58.00 /hr.		12.00	\$696.00		\$696.00						696.00	\$0.00
Wenck Associates - Level 2	\$95.55 /hr.		0.00	\$0.00		\$0.00						0.00	\$0.00
Wenck Associates - Level 3	\$134.81 /hr.		8.00	\$1,078.48		\$1,078.48						1,078.48	\$0.00
Task B Mileage - Wenck Associates & Local Work Group													
Meeting Supplies (Printing, Postage, Etc.)	Comm's Rate /mi			\$63.22		\$63.22						63.22	\$0.00
Mileage - RCRCA	Comm's Rate /mi			\$202.81		\$151.81						202.81	\$0.00
Mileage - RCRCA	Comm's Rate /mi			\$29.98		\$29.98						29.98	\$0.00
Task C TMDL/WRAPS Meetings (Wenck 2 & LWG 2)													
RCRCA Staff	\$58.00 /hr.		72.00	\$4,176.00		\$4,176.00						4,176.00	\$2,755.00
Wenck Associates - Level 2	\$95.55 /hr.		178.00	\$17,000.10		\$17,000.10						17,000.10	\$7,120.00
Wenck Associates - Level 3	\$137.52 /hr.		16.61	\$2,283.72		\$2,283.72						2,283.72	\$0.00
Task D Mileage - Wenck Associates & Local Work Group													
Meeting Supplies (Printing, Postage, Etc.)	Comm's Rate /mi			\$63.22		\$63.22						63.22	\$0.00
Mileage - RCRCA	Comm's Rate /mi			\$2,170.02		\$1,798.96						2,170.02	\$1,120.00
Mileage - RCRCA	Comm's Rate /mi			\$2,170.02		\$51.23						2,170.02	\$2,118.79
OBJECTIVE 3 - TOTAL													
				\$57,014.38	\$2,086.90	\$1,908.23	\$4,383.69	\$1,763.77	\$5,057.92	\$2,117.50	\$6,101.40	\$23,419.41	\$33,594.97
Objective 4: TMDL/WRAPS Comments													
Task A Address Comments to TMDL/WRAPS Reports													
Wenck Associates - Level 2	\$97.48 /hr.		13.00	\$1,267.24		\$1,267.24						1,267.24	\$0.00
Wenck Associates - Level 3	\$137.52 /hr.		75.00	\$10,314.00		\$10,314.00						10,314.00	\$6,944.76
OBJECTIVE 4 - TOTAL													
				\$11,581.24	\$0.00	\$0.00	\$0.00	\$0.00	\$1,210.18	\$715.10	\$1,443.96	\$3,369.24	\$8,212.00
Objective 5: Project Administration													
Task A Fiscal Tracking & Progress Reporting - RCRCA													
RCRCA Staff	\$58.00 /hr.		230.00	\$13,340.00	\$464.00	\$0.00	\$536.50	\$145.00	\$217.50	\$232.00	\$406.00	\$2,001.00	\$11,339.00
Wenck Associates - Level 2	\$95.55 /hr.			\$0.00	\$0.00	\$0.00	\$536.50	\$145.00	\$217.50	\$232.00	\$406.00	\$2,001.00	\$11,339.00
Wenck Associates - Level 3	\$134.81 /hr.			\$0.00	\$0.00	\$0.00	\$536.50	\$145.00	\$217.50	\$232.00	\$406.00	\$2,001.00	\$11,339.00
OBJECTIVE 5 - TOTAL													
				\$13,340.00	\$464.00	\$0.00	\$536.50	\$145.00	\$217.50	\$232.00	\$406.00	\$2,001.00	\$11,339.00
OBJECTIVE 1 - TOTAL													
				\$61,685.99	\$4,391.39	\$11,347.56	\$11,242.26	\$6,260.01	\$12,281.90	\$9,912.02	\$6,044.49	\$52,558.63	\$9,127.36
OBJECTIVE 2 - TOTAL													
				\$66,378.39	\$0.00	\$6,158.23	\$48.74	\$3,576.38	\$3,828.56	\$3,477.29	\$10,278.29	\$27,367.49	\$29,010.90
OBJECTIVE 3 - TOTAL													
				\$57,014.38	\$2,086.90	\$1,908.23	\$4,383.69	\$1,763.77	\$5,057.92	\$2,117.50	\$6,101.40	\$23,419.41	\$33,594.97
OBJECTIVE 4 - TOTAL													
				\$11,581.24	\$0.00	\$0.00	\$0.00	\$0.00	\$1,210.18	\$715.10	\$1,443.96	\$3,369.24	\$8,212.00
OBJECTIVE 5 - TOTAL													
				\$13,340.00	\$464.00	\$0.00	\$536.50	\$145.00	\$217.50	\$232.00	\$406.00	\$2,001.00	\$11,339.00
GRAND TOTAL													
				\$200,000.00	\$6,942.29	\$19,414.02	\$16,211.19	\$11,745.16	\$22,596.06	\$7,532.91	\$24,274.14	\$108,715.77	\$9,128.43