

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 -- This has been completed for the original impairments. Work continues on the newly identified impairments. 94% of the budget expended.

Obj. 1 Task B: Lake Sediment Core Sampling and Analysis -- 100% complete.

Obj. 1 Task C: Source Assessments -- Source assessment allocations have been developed for the original identified impairments. Work has begun on the newly identified impairments. 89% of the budget expended.

Obj. 1 Task D: TMDL Allocations Development -- Lake and stream TMDL allocations are underway for the newly identified impairments; 66% 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. The draft report will be updated to include the newly identified impairments and will be redistributed to the reviewers for comment. 68% of the budget expended.

Obj. 2 Task A: Develop Restoration & Protection Tables -- Table data is being collected. 14% of the budget expended.

Obj. 2 Task B: Develop Subwatershed Analysis Reports -- 3 pilot subwatersheds were selected to format and graphical display of the information. Watershed characterization and statistical analysis has begun. 64% 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 -- January, February, March, April and May LWG meetings held. No meeting held in June. The April meeting was the Professional Judgement Group meeting. 49% of budget expended.

Obj. 4 Task A: Address Comments to TMDL/WRAPS Reports -- Work has begun to address draft TMDL report comments. 17% of the budget expended.

Obj. 5 Task A: Fiscal Tracking and Progress Reporting -- Quarterly invoices 5 & 6, prompt monthly payment to Wenck.

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

Wenck Associates has produced a draft TMDL report for review/comment by the Local Work Group (LWG) and MPCA, and an online GIS tool for the LWG to easily identify areas of concern within their respective portions of the watershed.

3. Challenges faced (optional):

Heavy and persistent precipitation for this quarter is interfering with data collection the Stressor ID Report. It is hoped that the report is not delayed due to this.

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:

Additional impairments were identified following monitoring/assessment of the watershed; \$19,841.80 was shifted to address new impairments and to stay on schedule. \$13,481.32 moved from Obj. 2 and Obj. 3 to Obj. 1 and Obj. 4.

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 one-page 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	\$30,128.97
Match expenditures this period (if applicable)	
Cumulative grant expenditures to date	\$84,441.63
Cumulative match expenditures to date (if applicable)	
Total cumulative expenditures to date	\$84,441.63

Date form completed (mm/dd/yyyy): 7/25/2019

Project Name: Redwood WRAPS
 Contractor: RCRCA

Cost Category
 Effective to June 30, 2018
 Effective as of July 1, 2018

January - June 2019 Semi-Annual Report Budget Expenditure

Task	Unit Cost	Rate	Qty	Total Grant Cash amt: COPS	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	Total Grant Expended	Total Budget Remaining amt: COPS
Objective 1: TMDL Report Development												
<i>Data Review and Processing</i>												
Task A												
RCRCA Staff	\$58.00 /hr.	12.00		\$696.00	348.00	\$348.00					696.00	\$0.00
Winnick Associates - Level 2	\$95.55 /hr.	32.00		\$3,057.60	1,232.60	\$1,825.00					3,057.60	\$0.00
Winnick Associates - Level 3	\$134.81 /hr.	8.00		\$1,078.48	1,051.52	\$26.96					1,078.48	\$0.00
<i>Lake Sediment Core Sampling & Analysis</i>												
Task B												
RCRCA Staff	\$58.00 /hr.	5.00		\$290.00	\$290.00						290.00	\$0.00
Winnick Associates - Level 2	\$95.55 /hr.	12.00		\$1,146.60	\$1,146.60						1,146.60	\$0.00
Winnick Associates - Level 3	\$134.81 /hr.	12.00		\$1,617.72	\$1,617.72						1,617.72	\$0.00
<i>Laboratory Analysis</i>												
Task C												
Milnappa - Winnick Associates & Local Work Group	Comm'n's Rate /mi			\$3,600.00	\$3,600.00						3,600.00	\$0.00
Source Assessments												
RCRCA Staff	\$58.00 /hr.	2.00		\$116.00	\$116.00						116.00	\$0.00
Winnick Associates - Level 2	\$95.55 /hr.	24.00		\$2,293.20	\$1,863.22	\$429.98					2,293.20	\$0.00
Winnick Associates - Level 3	\$134.81 /hr.	12.00		\$1,617.72	\$1,213.29	\$404.43					1,617.72	\$0.00
<i>TMDL Allocation Development</i>												
Task D												
RCRCA Staff	\$58.00 /hr.	6.00		\$348.00	\$348.00						348.00	\$0.00
Winnick Associates - Level 2	\$95.55 /hr.	0.00		\$0.00	\$0.00						0.00	\$0.00
Winnick Associates - Level 3	\$137.52 /hr.	4.00		\$550.08	\$550.08					275.04	\$275.04	\$0.00
<i>Develop Draft TMDL Report</i>												
Task E												
RCRCA Staff	\$58.00 /hr.	14.00		\$812.00	\$812.00						812.00	\$0.00
Winnick Associates - Level 2	\$95.55 /hr.	60.00		\$5,733.00	\$5,733.00						5,733.00	\$0.00
Winnick Associates - Level 3	\$137.52 /hr.	20.00		\$2,750.40	\$2,750.40						2,750.40	\$0.00
<i>TMDL Allocation Development</i>												
Task F												
Winnick Associates - Level 2	\$95.55 /hr.	44.00		\$4,204.20	\$3,300.48	\$903.72					4,204.20	\$0.00
Winnick Associates - Level 3	\$137.52 /hr.	24.00		\$3,300.48	\$3,300.48						3,300.48	\$0.00
<i>Develop Draft TMDL Report</i>												
Task G												
RCRCA Staff	\$58.00 /hr.	24.00		\$1,392.00	\$1,392.00						1,392.00	\$0.00
Winnick Associates - Level 2	\$95.55 /hr.	96.00		\$9,172.80	\$9,172.80						9,172.80	\$0.00
Winnick Associates - Level 3	\$137.52 /hr.	104.00		\$14,302.08	\$14,302.08						14,302.08	\$0.00
OBJECTIVE 1 - TOTAL												
				\$61,985.99	\$4,391.39	\$11,347.56	\$11,242.26	\$6,260.01	\$12,281.90	\$991.02	\$46,516.14	\$15,171.85
Objective 2: WRAPS Report Development												
<i>Develop Restoration & Protection Tables</i>												
Task A												
RCRCA Staff	\$58.00 /hr.	16.00		\$928.00	\$928.00						928.00	\$0.00
Winnick Associates - Level 2	\$95.55 /hr.	80.00		\$7,644.00	\$7,644.00						7,644.00	\$0.00
Winnick Associates - Level 3	\$137.52 /hr.	80.00		\$11,001.60	\$11,001.60						11,001.60	\$0.00
<i>Develop Subwatershed Analysis Reports</i>												
Task B												
RCRCA Staff	\$58.00 /hr.	0.00		\$0.00	\$0.00						0.00	\$0.00
Winnick Associates - Level 2	\$95.55 /hr.	16.00		\$1,528.80	\$1,528.80						1,528.80	\$0.00
Winnick Associates - Level 3	\$134.81 /hr.	7.00		\$943.67	\$943.67						943.67	\$0.00
<i>Develop Draft WRAPS Report</i>												
Task C												
RCRCA Staff	\$58.00 /hr.	0.00		\$0.00	\$0.00						0.00	\$0.00
Winnick Associates - Level 2	\$95.55 /hr.	0.00		\$0.00	\$0.00						0.00	\$0.00
Winnick Associates - Level 3	\$134.81 /hr.	16.00		\$2,156.96	\$2,156.96						2,156.96	\$0.00
<i>Develop Restoration & Protection Tables</i>												
Task D												
RCRCA Staff	\$58.00 /hr.	16.00		\$928.00	\$928.00						928.00	\$0.00
Winnick Associates - Level 2	\$95.55 /hr.	80.00		\$7,644.00	\$7,644.00						7,644.00	\$0.00
Winnick Associates - Level 3	\$137.52 /hr.	80.00		\$11,001.60	\$11,001.60						11,001.60	\$0.00
<i>Develop Subwatershed Analysis Reports</i>												
Task E												
RCRCA Staff	\$58.00 /hr.	24.00		\$1,392.00	\$1,392.00						1,392.00	\$0.00
Winnick Associates - Level 2	\$95.55 /hr.	104.00		\$9,937.20	\$9,937.20						9,937.20	\$0.00
Winnick Associates - Level 3	\$137.52 /hr.	32.00		\$4,400.64	\$4,400.64						4,400.64	\$0.00
<i>Develop Draft WRAPS Report</i>												
Task F												
RCRCA Staff	\$58.00 /hr.	54.00		\$3,132.00	\$3,132.00						3,132.00	\$0.00
Winnick Associates - Level 2	\$95.55 /hr.	96.00		\$9,172.80	\$9,172.80						9,172.80	\$0.00
Winnick Associates - Level 3	\$137.52 /hr.	44.00		\$6,050.88	\$6,050.88						6,050.88	\$0.00
<i>Develop Restoration & Protection Tables</i>												
Task G												
RCRCA Staff	\$58.00 /hr.	24.00		\$1,392.00	\$1,392.00						1,392.00	\$0.00
Winnick Associates - Level 2	\$95.55 /hr.	96.00		\$9,172.80	\$9,172.80						9,172.80	\$0.00
Winnick Associates - Level 3	\$137.52 /hr.	24.00		\$3,300.48	\$3,300.48						3,300.48	\$0.00
OBJECTIVE 2 - TOTAL												
				\$66,278.39	\$0.00	\$6,156.23	\$48.74	\$3,576.38	\$3,828.56	\$3,477.29	\$17,086.20	\$39,288.19
Objective 3: Project Participation												
<i>TMDL/WRAPS Meetings (Winnick 2 & LWG 2)</i>												
Task A												
RCRCA Staff	\$58.00 /hr.	12.00		\$696.00	\$696.00						696.00	\$0.00
Winnick Associates - Level 2	\$95.55 /hr.	0.00		\$0.00	\$0.00						0.00	\$0.00
Winnick Associates - Level 3	\$134.81 /hr.	0.00		\$0.00	\$0.00						0.00	\$0.00
<i>Winnick Associates - Level 2</i>												
Task B												
Winnick Associates - Level 2	\$95.55 /hr.	8.00		\$764.40	\$764.40						764.40	\$0.00
Winnick Associates - Level 3	\$134.81 /hr.	16.61		\$2,238.72	\$2,238.72						2,238.72	\$0.00
<i>Milnappa - Winnick Associates & Local Work Group</i>												
Task C												
Milnappa - Winnick Associates (Printing, Postage, Etc.)	Comm'n's Rate /mi			\$63.22	\$63.22						63.22	\$0.00
Milnappa - RCRCA	Comm'n's Rate /mi			\$202.81	\$151.81	\$51.00					202.81	\$0.00
OBJECTIVE 3 - TOTAL												
				\$209.98	\$209.98						209.98	\$0.00
Objective 4: TMDL/WRAPS Comments												
<i>TMDL/WRAPS Meetings (Winnick 2 & LWG 2)</i>												
Task A												
RCRCA Staff	\$58.00 /hr.	72.00		\$4,176.00	\$4,176.00						4,176.00	\$0.00
Winnick Associates - Level 2	\$95.55 /hr.	178.00		\$17,007.90	\$17,007.90						17,007.90	\$0.00
Winnick Associates - Level 3	\$137.52 /hr.	16.00		\$2,200.32	\$2,200.32						2,200.32	\$0.00
<i>Milnappa - Winnick Associates & Local Work Group</i>												
Task B												
Milnappa - Winnick Associates (Printing, Postage, Etc.)	Comm'n's Rate /mi			\$2,541.15	\$2,541.15						2,541.15	\$0.00
Milnappa - RCRCA	Comm'n's Rate /mi			\$2,170.02	\$1,798.96	\$371.06					2,170.02	\$0.00
OBJECTIVE 4 - TOTAL												
				\$7,014.38	\$2,086.90	\$1,908.23	\$4,383.69	\$1,763.77	\$5,057.92	\$2,117.50	\$17,316.01	\$39,696.37
Objective 5: TMDL/WRAPS Reports												
<i>Address Comments to TMDL/WRAPS Reports</i>												
Task A												
Winnick Associates - Level 2	\$95.55 /hr.	19.00		\$1,815.45	\$1,815.45						1,815.45	\$0.00
Winnick Associates - Level 3	\$137.52 /hr.	75.00		\$10,314.00	\$10,314.00						10,314.00	\$0.00
OBJECTIVE 5 - TOTAL												
				\$11,129.45	\$11,129.45						11,129.45	\$0.00
GRAND TOTAL												
				\$200,000.00	\$6,942.29	\$19,414.02	\$16,211.19	\$11,745.16	\$22,596.06	\$7,632.91	\$84,441.63	\$115,558.37