



2010 - CWF 319 Tech. Assist. - RCRCA (Redwood-Cottonwood Rivers Control Area) (JPB)

Fund Report

RCRCA (Redwood-Cottonwood Rivers Control Area)

Fund Information

<u>Fund Name</u>	<u>Fund Year</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
2010 - CWF 319 Tech. Assist. - RCRCA (Redwood-Cottonwood Rivers Control Area) (JPB)	2010	\$63,845.00	\$63,845.00	12/31/2011
Starting Balance:		\$63,845.00		
Balance Remaining:		\$0.00		
Other funds used with this fund.				
2010 #B42179 Landowner Contribution - Redwood "4"	2010	\$33,070.19	\$29,802.69	01/05/2012
Redwood River Watershed Nonpoint Pollution Reduction Project - RCRCA (Redwood-Cottonwood Ri	2010	\$99,208.56	\$89,406.06	01/05/2012
Redwood-Cottonwood Rivers Control Area General Funds	2011	\$0.00	\$385.75	12/31/2011
	Subtotal:	\$132,278.75	\$119,594.50	
	Total:	\$196,123.75	\$183,439.50	

Initiatives Summary

Amount spent by initiative type.

2010 - CWF 319 Tech. Assist. - RCRCA (Redwood-Cottonwood Rivers Control Area) (JPB)

	<u>Budgeted</u>	<u>Spent</u>
Technical and Engineering	\$63,845.00	\$63,845.00
Total:	\$63,845.00	\$63,845.00

Land & Water Projects Summary

Amount spent on L&W Projects.

	<u>Budgeted</u>	<u>Spent</u>
Total:	\$0.00	\$0.00

BMP Summary

BMP Name	BMPs entered	BMPs installed*	Linear Ft.	Total Acres	Mapped BMPs
Streambank and Shoreline Protection - 580	2	2	700		2
Underground Outlet - 620	2	2			2
Water and Sediment Control Basin - 638	5	5			5
Alternative Tile Intake - Rock Inlet - 172M	4	4			4
Totals:	13	13			13

**Note: BMPs entered in eLINK are considered to be "installed on the ground" if an "actual completion date" has been entered for the project.*

Indicator Summary

Total pollution reduction estimates for all projects by category.

	<u>Value</u>	<u>Unit</u>
-Water Pollution (Reduction Estimates)		
Phosphorus (est. reduction)	636.43	Lbs/Yr
Sediment (TSS)	632.23	Tons/Yr
Soil (est. savings)	632.23	Tons/Yr

Initiative: 2010 BWSR Redwood River Nonpoint Pollution Reduction Project CWF Technical Assistance Grant

Year: 2010

Start Date:

Initiative Type: Technical and Engineering

Completion Date:

Description

Watershed Engineer: William Moldestad (P.E.)
Watershed Technician: Shawn M. Wohnoutka (GIS/GPS)

Projects engineered will follow the NRCS FOTG Standards.
(See work plan under Attachments tab for more information).

Actual Results

FINAL REPORTING SUMMARY: The funds associated with the 2010 BWSR Redwood River Nonpoint Pollution Reduction Project Technical Assistance Funds were spent in their entirety. Funds were used for activities outlined in the "comments" portion of the initiative outlined below with relation to the BMP projects/contracts contained in the final report attached to this initiative. Activities related to this initiative for most BMPs/contracts were from inception to completion. A few projects were identified, designed, surveyed, as well as other pre-construction activities; but will have to be checked out and completed through other funds.

DECEMBER, 2011:

- \$39,433.75 - Surveying, pre/post construction activities related to BMP projects completed and designed (Attached Work plan OBJ 1, Task A, Sub-Task 1-6; page 6). Also, see the attached report (DEC 2011) to MPCA for more detail. All remaining BMP funds were encumbered for projects during this period and most were installed and checked out.

JUNE, 2011:

- \$14,875.01 - Surveying, pre/post construction activities related to BMP projects completed and designed (Attached Work plan OBJ 1, Task A, Sub-Task 1-6; page 6). Also, see the attached report (JUN 2011) to MPCA for more detail.

DECEMBER, 2010:

- \$9,921.99 - Surveying, pre/post construction activities related to BMP projects completed and designed (Attached Work plan OBJ 1, Task A, Sub-Task 1-6; page 6). Also, see the attached report (DEC 2010) to MPCA for more detail.

JUNE, 2010:

- As of June 30, 2010, there had been no activities accounted for by this fund.

Comments

JANUARY 21, 2011:

Parties Involved: Goodrich,Douglas (RCRCA); Hiles, Mark (BWSR); Drewitz, Matt (BWSR); Zellmer, Wayne (BWSR) (e-mail correspondence in attachments)

A change in the initiative which essentially adds a technician and further describes technical assistance activities undertaken as part of BMP implementation and design objective of the 319 fund matched by these CWAmend funds. The change does not effect the scope of the grant or change the activities of the grants.

Staff involved:

Watershed Engineer: William Moldestad (P.E.) - Chief engineer at RCRCA - Precent of funding: 70% - Duties to this project:

- Conduct a preliminary survey to develop a project cost estimate which will be fit to the best conservation program for that specific site and develop design criteria and cut sheets for the landowner/operator to approve and sign cost share or program contract.
- Develop contractor packets for landowner to obtain bids and schedule installation.
- Conduct pre-construction meeting with landowner/operator and contractor obtain GOSOC number prior to authorizing the commencement of construction.
- Conduct phone correspondence/kitchen table meetings to discuss project progress and feasibility.
- Monitor construction progress, conduct a design checkout, develop as built design and approve for cost share payment.
- Work with GIS Coordinator to create design and project files

Watershed Technician: Shawn M. Wohnoutka (GIS/GPS) - GIS Coordinator/Monitoring Coordinator/Field Technician - Precent of funding: 30% - Duties to this project:

- Provide tailored GIS and FSA air photos to identify erosion prone areas for use in project design and maintenance plans;
- Train/continue the priority area BMP ranking form using RUSLE 2 and the MN Phos. Index with each site evaluation for project feasibility.
- Assist with surveying and GPS work on the field level
- Documenting progress with photographic evidence before and after and reduction calculat

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. Redwood-Cottonwood Rivers Control Area General Funds	0.00	385.75	12/31/11
2. 2010 - CWF 319 Tech. Assist. - RCRCA (Redwood-Cottonwood Rivers Control Area) (JPB)	63,845.00	63,845.00	12/31/11
Totals:	63,845.00	64,230.75	

List of Attached Files (click to view)

<u>List of Attached Files (click to view)</u>	<u>Document Description</u>	<u>Date Added</u>
1. Redwood River Watershed Nonpoint Pollution	Work Plan (update 1)	1/27/11
2. Jun 2010 Semi Ann Report Redwood Non-poi	June 2010 Report to MPCA	1/27/11
3. Dec 2010 Semi Ann Report Redwood Non-po	Dec 2010 Semi-annual Report to MPCA	1/27/11
4. Work Plan Correspondence 2011-Jan-21.docx	E-mail corresponding to initiative change 01-21-2011	1/27/11
5. DEC_2010_BWSR REPORT_B42179.docx	DEC_2010 BWSR Semi Annual Report	1/27/11
6. Jun 2011 Semi Ann Report Redwood Non-poi		7/28/11
7. JUN_2011_BWSR REPORT_B42179.docx		7/28/11
8. Dec 2011 Semi Ann Report Redwood Non-po	Dec 2011 Semi-annual Report to MPCA	1/13/12
9. DEC_2011_BWSR REPORT_B42179.pdf	DEC_2011 BWSR Semi Annual Report	1/13/12

Project: 2010 Redwood RP319-03-04

Project Number: RP319-03-04
Primary Cooperator: John Nibbe
Primary Practice: Sediment Basin or Ponds

Approval Date: 7/20/2009
Start Date:
Completion Date: 05/17/2010

Description

RP319-03-04 - John Nibbe - 3 638 Water & Sediment Control Basins

BMP(s)

- | | |
|---|---------------------|
| 1. Water and Sediment Control Basin-638 | <i>Mapped = Yes</i> |
| 2. Water and Sediment Control Basin-638 | <i>Mapped = Yes</i> |
| 3. Water and Sediment Control Basin-638 | <i>Mapped = Yes</i> |

POLLUTION REDUCTION ESTIMATE(s)

-Water Pollution (Reduction Estimates)	
Phosphorus (est. reduction)	27.30 Lbs/Yr
Sediment (TSS)	27.30 Tons/Yr
Soil (est. savings)	27.30 Tons/Yr

FUND(s)

	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. Redwood River Watershed Nonpoint Pollution Reduction Project - RCRCA (Redwood-Cottonwood Rivers Cont	14,497.31	14,497.31	5/17/10
2. 2010 #B42179 Landowner Contribution - Redwood "4"	4,832.44	4,832.44	5/17/10
3. 2010 - CWF 319 Tech. Assist. - RCRCA (Redwood-Cottonwood Rivers Control Area) (JPB)	0.00	0.00	
Totals:	19,329.75	19,329.75	

Project: 2010 Redwood RP319-05-04

Project Number: RP319-05-04
Primary Cooperator: Dallas Dolan
Primary Practice: Special Projects

Approval Date: 12/12/2009
Start Date:
Completion Date: 05/17/2010

Description

RP319-05-04 - Dallas Dolan - 2 620 Surface Intake Replacements

BMP(s)

- 1. Underground Outlet-620 *Mapped = Yes*
- 2. Underground Outlet-620 *Mapped = Yes*

POLLUTION REDUCTION ESTIMATE(s)

-Water Pollution (Reduction Estimates)
Phosphorus (est. reduction) 3.40 Lbs/Yr
Sediment (TSS) 2.00 Tons/Yr
Soil (est. savings) 2.00 Tons/Yr

FUND(s)

	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. Redwood River Watershed Nonpoint Pollution Reduction Project - RCRCA (Redwood-Cottonwood Rivers Cont	390.00	390.00	5/17/10
2. 2010 #B42179 Landowner Contribution - Redwood "4"	130.00	130.00	5/17/10
3. 2010 - CWF 319 Tech. Assist. - RCRCA (Redwood-Cottonwood Rivers Control Area) (JPB)	0.00	0.00	
Totals:	520.00	520.00	

Project: 2010 Redwood RP319-06-04

Project Number: RP319-06-04
Primary Cooperator: Neal Rohlik
Primary Practice: Sediment Basin or Ponds

Approval Date: 10/18/2010
Start Date:
Completion Date: 12/21/2010

Description

RP319-06-04 - Neal Rohlik - 1 638 Water & Sediment Control Basin

BMP(s)

1. Water and Sediment Control Basin-638 *Mapped = Yes*

POLLUTION REDUCTION ESTIMATE(s)

-Water Pollution (Reduction Estimates)
Phosphorus (est. reduction) 31.88 Lbs/Yr
Sediment (TSS) 31.88 Tons/Yr
Soil (est. savings) 31.88 Tons/Yr

FUND(s)

	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. Redwood River Watershed Nonpoint Pollution Reduction Project - RCRCA (Redwood-Cottonwood Rivers Cont	6,011.25	6,011.25	12/21/10
2. 2010 #B42179 Landowner Contribution - Redwood "4"	2,003.75	2,003.75	12/21/10
3. 2010 - CWF 319 Tech. Assist. - RCRCA (Redwood-Cottonwood Rivers Control Area) (JPB)	0.00	0.00	
Totals:	8,015.00	8,015.00	

Project: 2010 Redwood RP319-01-04

Project Number: RP319-01-04
Primary Cooperator: Ila Possail
Primary Practice: Sediment Basin or Ponds

Approval Date: 1/22/2007
Start Date:
Completion Date: 12/10/2011

Description

RP319-01-04 - Ila Possail - 1- 638 - Water and Sediment Control Basin

BMP(s)

1. Water and Sediment Control Basin-638 *Mapped = Yes*

POLLUTION REDUCTION ESTIMATE(s)

-Water Pollution (Reduction Estimates)
Phosphorus (est. reduction) 15.80 Lbs/Yr
Sediment (TSS) 15.80 Tons/Yr
Soil (est. savings) 15.80 Tons/Yr

FUND(s)

	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. 2010 #B42179 Landowner Contribution - Redwood "4"	1,864.00	1,864.00	12/9/11
2. 2010 - CWF 319 Tech. Assist. - RCRCA (Redwood-Cottonwood Rivers Control Area) (JPB)	0.00	0.00	
3. Redwood River Watershed Nonpoint Pollution Reduction Project - RCRCA (Redwood-Cottonwood Rivers Cont	5,590.00	5,590.00	12/9/11
Totals:	7,454.00	7,454.00	

Project: 2010 Redwood RP319-04-04

Project Number: RP319-04-04
Primary Cooperator: Jeremy Dolan
Primary Practice: Conservation Drainage or Drainage Management

Approval Date: 12/12/2009
Start Date:
Completion Date: 05/17/2010

Description

RP319-04-04 - Jeremy Dolan - 4 - 620 - Open Tile Intake Replacements

BMP(s)

- | | |
|--|---------------------|
| 1. Alternative Tile Intake - Rock Inlet-172M | <i>Mapped = Yes</i> |
| 2. Alternative Tile Intake - Rock Inlet-172M | <i>Mapped = Yes</i> |
| 3. Alternative Tile Intake - Rock Inlet-172M | <i>Mapped = Yes</i> |
| 4. Alternative Tile Intake - Rock Inlet-172M | <i>Mapped = Yes</i> |

POLLUTION REDUCTION ESTIMATE(s)

-Water Pollution (Reduction Estimates)	
Phosphorus (est. reduction)	6.80 Lbs/Yr
Sediment (TSS)	4.00 Tons/Yr
Soil (est. savings)	4.00 Tons/Yr

FUND(s)

	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. Redwood River Watershed Nonpoint Pollution Reduction Project - RCRCA (Redwood-Cottonwood Rivers Cont	780.00	780.00	5/17/10
2. 2010 #B42179 Landowner Contribution - Redwood "4"	260.00	260.00	5/17/10
3. 2010 - CWF 319 Tech. Assist. - RCRCA (Redwood-Cottonwood Rivers Control Area) (JPB)	0.00	0.00	
Totals:	1,040.00	1,040.00	

Project: 2010 Redwood RP319-11-04

Project Number: RP319-11-04
Primary Cooperator: Brian Gruhot
Primary Practice: Streambank of Shoreland Protection

Approval Date: 10/6/2011
Start Date:
Completion Date: 01/05/2012

Description

RP319-11-04 - Brian & Kristin Gruhot - 400' - 580 - Streambank and Shoreland Protection

BMP(s)

1. Streambank and Shoreline Protection-580 *Mapped = Yes*

POLLUTION REDUCTION ESTIMATE(s)

-Water Pollution (Reduction Estimates)
Phosphorus (est. reduction) 360.00 Lbs/Yr
Sediment (TSS) 360.00 Tons/Yr
Soil (est. savings) 360.00 Tons/Yr

FUND(s)

	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. Redwood River Watershed Nonpoint Pollution Reduction Project - RCRCA (Redwood-Cottonwood Rivers Cont	35,512.50	35,512.50	1/5/12
2. 2010 - CWF 319 Tech. Assist. - RCRCA (Redwood-Cottonwood Rivers Control Area) (JPB)	0.00	0.00	
3. 2010 #B42179 Landowner Contribution - Redwood "4"	11,837.50	11,837.50	1/5/12
Totals:	47,350.00	47,350.00	

Project: 2010 Redwood RP319-07-04

Project Number: RP319-07-04
 Primary Cooperator: Greg Mude
 Primary Practice: Grade Stabilization Structure

Approval Date: 5/16/2011
 Start Date:
 Completion Date:

Description

RP319-07-04 - Greg Mude - 1 - 410 - Grade Stabilization Structure

BMP(s)

0.
 None

POLLUTION REDUCTION ESTIMATE(s)

None

FUND(s)

	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. 2010 - CWF 319 Tech. Assist. - RCRCA (Redwood-Cottonwood Rivers Control Area) (JPB)	0.00	0.00	
2. 2010 #B42179 Landowner Contribution - Redwood "4"	1,000.00	0.00	
3. Redwood River Watershed Nonpoint Pollution Reduction Project - RCRCA (Redwood-Cottonwood Rivers Cont	3,000.00	0.00	
Totals:	4,000.00	0.00	

Project: 2010 Redwood RP319-08-04

Project Number: RP319-08-04
 Primary Cooperator: Axel Hansen
 Primary Practice: Sediment Basin or Ponds

Approval Date: 7/14/2011
 Start Date:
 Completion Date:

Description

RP319-08-04 - Axel Hansen - 1 - 638 - Water and Sediment Control Basin

BMP(s)

0.
 None

POLLUTION REDUCTION ESTIMATE(s)

None

FUND(s)

	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. 2010 #B42179 Landowner Contribution - Redwood "4"	1,517.50	0.00	
2. 2010 - CWF 319 Tech. Assist. - RCRCA (Redwood-Cottonwood Rivers Control Area) (JPB)	0.00	0.00	
3. Redwood River Watershed Nonpoint Pollution Reduction Project - RCRCA (Redwood-Cottonwood Rivers Cont	4,552.50	0.00	
Totals:	6,070.00	0.00	

Project: 2010 Redwood RP319-16-04

Project Number: RP319-16-04

Primary Cooperator: Scott Larson

Primary Practice: Streambank of Shoreland Protection

Approval Date: 12/10/2011

Start Date:

Completion Date:

Description

RP319-16-04 - Scott Larson - 50' - 580 - Stream and Shoreland Protection Project

BMP(s)

0.

None

POLLUTION REDUCTION ESTIMATE(s)

None

FUND(s)

	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. 2010 #B42179 Landowner Contribution - Redwood "4"	750.00	0.00	
2. 2010 - CWF 319 Tech. Assist. - RCRCA (Redwood-Cottonwood Rivers Control Area) (JPB)	0.00	0.00	
3. Redwood River Watershed Nonpoint Pollution Reduction Project - RCRCA (Redwood-Cottonwood Rivers Cont	2,250.00	0.00	
Totals:	3,000.00	0.00	

Project: 2010 Redwood RP319-12-04

Project Number: RP319-12-04
Primary Cooperator: Jeff & Cheryl McConnaughey
Primary Practice: Streambank of Shoreland Protection

Approval Date: 10/6/2011
Start Date:
Completion Date: 01/05/2012

Description

RP319-12-04 - Jeff and Cheryl McConnaughey - 300' - 580 - Streambank and Shoreland Protection Project

BMP(s)

1. Streambank and Shoreline Protection-580 *Mapped = Yes*

POLLUTION REDUCTION ESTIMATE(s)

-Water Pollution (Reduction Estimates)
Phosphorus (est. reduction) 191.25 Lbs/Yr
Sediment (TSS) 191.25 Tons/Yr
Soil (est. savings) 191.25 Tons/Yr

FUND(s)

	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. Redwood River Watershed Nonpoint Pollution Reduction Project - RCRCA (Redwood-Cottonwood Rivers Cont	26,625.00	26,625.00	1/5/12
2. 2010 #B42179 Landowner Contribution - Redwood "4"	8,875.00	8,875.00	1/5/12
3. 2010 - CWF 319 Tech. Assist. - RCRCA (Redwood-Cottonwood Rivers Control Area) (JPB)	0.00	0.00	
Totals:	35,500.00	35,500.00	

End of 2010 - CWF 319 Tech. Assist. - RCRCA (Redwood-Cottonwood Rivers Control Area) (JPB) Section

This report can be found in the eLINK Report Manager under Report Type: *Fund Reports*, Reports: *All Details*