

Workplan / Grant Application / Project Summary Report
**2013 - Targeted Drainage Water Management -
 RCRCA (Redwood-Cottonwood Rivers Control**

Submitted by: **RCRCA (Redwood-Cottonwood Rivers Control Area) JPB**

Grant Fund Type: CWF Targeted Drainage Water Management Grants

Fund Year: 2013

<i>Total Grant Amount:</i>	\$100,000.00	<i>Amount Budgeted for this Workplan:</i>	\$100,000.00	<i>Amount Spent for this workplan:</i>	11,139.28	<i>Amount Not Spent on this workplan:</i>	\$88,860.72
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BMP Detail Summary

Number of BMP's Installed	BMP Name	Shape Type	Linear Ft.	Total Acres	Total Mapped BMPs	Soil Loss Reduction Tons/Yr	Sediment Reduction Tons/Yr	Phosphorus Reduction Lbs/Yr
6	Drainage Water Management - 554	BMP Polygon	0	0.00	0	0.00	0.00	0.00
6	Structure for Water Control - 587	BMP Point	0	0.00	0	0.00	0.00	0.00
Total # installed BMPs: 12						0.00	0.00	0.00 Lbs/Yr
Total # mapped BMPs: 0						Tons/Yr	Tons/Yr	

Initiative Name: **2013 - RCRCA Targeted Drainage Water Management - Grant Administration**

Initiative Name: **2013 - RCRCA Targeted Drainage Water Management - Grant Administration** Initiative Type: Admin/Coordination

Year: 2013

Description

Administrative and coordinating activities to include grant management, financial oversight, and program execution reporting.
 Contract management including SWCD and organizational board approval and payment and processing.

Actual Results

-December, 2012: Working with landowners who have shown initial interest and signed contracts, tracked and updated plans and paperwork, but will hold off on assessing grant funds to the initiative until after the period.

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Approved</u>	<u>Spent</u>	<u>First Spend Date</u>	<u>Last Spend Date</u>
1. 2013 - Organizational Match - TDWM - RCRCA (Redwood-Cottonwood Rivers Control Area) (JPB)	7,000.00	0.00	0.00		
2. 2013 - Targeted Drainage Water Management - RCRCA (Redwood-Cottonwood Rivers Control Area) (JPB)	5,000.00	0.00	0.00		
Totals:	12,000.00	0.00	0.00		

Initiative Name: **2013 - RCRCA Targeted Drainage Water Management - Project Development Initia**

Initiative Name: **2013 - RCRCA Targeted Drainage Water Management - Project Development Initiative** Initiative Type: Project Development

Year: 2013

Description

Activities include BMP implementation and incentive contact activities relating to landowner correspondence and promotion of drainage management and nutrient management plans and implementation.

Actual Results

December, 2012: Promotions of program to various entities for sign-ups. Will appropriate funds in teh next period.

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Approved</u>	<u>Spent</u>	<u>First Spend Date</u>	<u>Last Spend Date</u>
1. 2013 - Targeted Drainage Water Management - RCRCA (Redwood-Cottonwood Rivers Control Area) (JPB)	5,000.00	0.00	0.00		
Totals:	5,000.00	0.00	0.00		

Initiative Name: **2013 - RCRCA Targeted Drainage Water Management - Technical and Engineering Initiative**

Initiative Type: Technical and Engineering

Year: 2013

Description

Activities including technical site assessment, surveys, preliminary analysis and design, final design, construction supervision, installation, inspection, and completion of projects. Projects are to follow the design specifications of the USDA - NRCS Field Office Technical Guide.

Possible Technicians:

Watershed Engineer: William Moldestad (P.E.) - Chief engineer at RCRCA w/Technical Approval Authority
County NRCS and SWCD Technicians with technical approval

Actual Results

-December, 2012: Plans are in contract stage and are yet to be implemented, plan assessment is yet to be accomplished for projects under consideration.

Comments

- 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.

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Approved</u>	<u>Spent</u>	<u>First Spend Date</u>	<u>Last Spend Date</u>
1. 2013 - Targeted Drainage Water Management - RCRCA (Redwood-Cottonwood Rivers Control Area) (JPB)	10,000.00	0.00	0.00		
Totals:	10,000.00	0.00	0.00		

POLLUTION REDUCTION ESTIMATE(s)

None

BMP(s)

1. Drainage Water Management-554	<i>Mapped = No</i>
2. Drainage Water Management-554	<i>Mapped = No</i>
3. Drainage Water Management-554	<i>Mapped = No</i>
4. Drainage Water Management-554	<i>Mapped = No</i>
5. Drainage Water Management-554	<i>Mapped = No</i>
6. Drainage Water Management-554	<i>Mapped = No</i>
7. Structure for Water Control-587	<i>Mapped = No</i>
8. Structure for Water Control-587	<i>Mapped = No</i>
9. Structure for Water Control-587	<i>Mapped = No</i>
10. Structure for Water Control-587	<i>Mapped = No</i>
11. Structure for Water Control-587	<i>Mapped = No</i>
12. Structure for Water Control-587	<i>Mapped = No</i>

Project Description

120 acres of land treated by six (6) controlled drainage structures complete with drainage management plan, and drainage management implementation incentive.

Project Cost is estimated as follows:

- CAP130 - Drainage Water Management Plan = \$1,415.29
- FOTG 554 - Drainage Water Man. Oper. Incentive = 120 ac. x \$22.74/ac. lump = \$2,728.80
- FOTG 587 - Drainage Management Structures = 6 structures x \$1,000.00 = \$6,000.00
- TOTAL = \$10,144.09 (75% cost-share = \$7,608.07; 25% landowner match = \$2,536.02)

Actual Results

37.5 acres of land treated by six (6) controlled drainage structures complete with drainage management plan, and drainage management implementation incentive.

Project Cost finished as follows:

- CAP130 - Drainage Water Management Plan = \$2,100.00
- FOTG 554 - Drainage Water Man. Oper. Incentive = 37.5 ac. x \$30.33 (.75 x \$30.33 = \$22.74)/ac. lump = \$1,137.37
- FOTG 587 - Drainage Management Structures = 6 structures x \$1,935.833 = \$11,615.00
- TOTAL = \$14,852.37 (75% cost-share = \$11,139.28; 25% landowner match = \$3,713.09)

FUND(s)

	<u>Budgeted</u>	<u>Approved</u>	<u>Spent</u>	<u>First Spend Date</u>	<u>Last Spend Date</u>
1. 2013 - Landowner/Program Match - TDWM - RCRCA (Redwood-Cottonwood Rivers Control Area) (JPB)	3,713.09	3,713.09	3,713.09	1/3/13	1/3/13
2. 2013 - Targeted Drainage Water Management - RCRCA (Redwood-Cottonwood Rivers Control Area) (JPB)	11,139.28	11,139.28	11,139.28	1/3/13	1/3/13
Totals:	14,852.37	14,852.37	14,852.37		

L&W Project Name: **FY2013CWF-DM-02-01 Cottonwood County Project**

BMP(s)
0.
None

POLLUTION REDUCTION ESTIMATE(s)
None

Project Description

80 acres of land treated by four (4) controlled drainage structures complete with already funded drainage management plan, nutrient management plan, drainage management implementation incentive, and nutrient management implementation incentive.

Project Cost is estimated as follows:
 - CAP104 - Nutrient Management Plan = <100 acres = \$1,596.00
 - FOTG 554 - Drainage Water Man. Oper. Incentive = 80 ac. x \$22.74/ac. lump = \$1,819.20
 - FOTG 590 - Imp. of Nutrient Management Plan = 80 ac. x \$32.34/ac. lump = \$2,587.20
 - FOTG 587 - Drainage Management Structures = 4 structures x \$1,000.00 = \$4,000.00
 TOTAL = \$10,002.40 (75% cost-share = \$7,501.80; 25% landowner match = \$2,500.60)

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Approved</u>	<u>Spent</u>	<u>First Spend Date</u>	<u>Last Spend Date</u>
1. 2013 - Targeted Drainage Water Management - RCRCA (Redwood-Cottonwood Rivers Control Area) (JPB)	7,501.80	7,501.80	0.00		
2. 2013 - Landowner/Program Match - TDWM - RCRCA (Redwood-Cottonwood Rivers Control Area) (JPB)	2,500.60	2,500.60	0.00		
Totals:	10,002.40	10,002.40	0.00		

L&W Project Name: **FY2013CWF-DM-XX-XX Placeholder Project**

BMP(s)
0.
None

POLLUTION REDUCTION ESTIMATE(s)
None

Project Description

This is a temporary placeholder for the program and budgeted numbers here will be reduced as other projects are signed up and implemented. Only practices pursuant to the Drainage Water

Management Grant will be offered with these funds including:

- CAP130 - Drainage Water Management Plan
- CAP104 - Nutrient Management Plan
- FOTG 554 - Drainage Water Management Operating Incentives
- FOTG 590 - Implementation of Nutrient Management Plan
- FOTG 587 - Drainage Management Structures
- FOTG 747 - Denitrifying Bioreactor
- FOTG 606 - Open Intake Replacements

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Approved</u>	<u>Spent</u>	<u>First Spend Date</u>	<u>Last Spend Date</u>
1. 2013 - Targeted Drainage Water Management - RCRCA (Redwood-Cottonwood Rivers Control Area) (JPB)	57,030.82	57,030.82	0.00		
2. 2013 - Landowner/Program Match - TDWM - RCRCA (Redwood-Cottonwood Rivers Control Area) (JPB)	19,010.28	19,010.28	0.00		
Totals:	76,041.10	76,041.10	0.00		

L&W Project Name: **FY2013CWF-DM-01-01B**

BMP(s)
0.
None

POLLUTION REDUCTION ESTIMATE(s)
None

Project Description

120 acres of land treated by a nutrient management plan and nutrient management implementation incentive for lands involved in drainage management.

Project Cost is estimated as follows:

- CAP104 - Nutrient Management Plan = 100 to 180 acres = \$1,890.00
- FOTG 590 - Imp. of Nutrient Management Plan = 120 ac. x \$32.34/ac. lump = \$3,880.80
- TOTAL = \$5,770.80 (75% cost-share = \$4,328.10; 25% landowner match = \$1,442.70)

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Approved</u>	<u>Spent</u>	<u>First Spend Date</u>	<u>Last Spend Date</u>
1. 2013 - Landowner/Program Match - TDWM - RCRCA (Redwood-Cottonwood Rivers Control Area) (JPB)	1,442.70	1,442.70	0.00		
2. 2013 - Targeted Drainage Water Management - RCRCA (Redwood-Cottonwood Rivers Control Area) (JPB)	4,328.10	4,328.10	0.00		
Totals:	5,770.80	5,770.80	0.00		

Program Specific Workplan Items
