



## Grant All-Detail Report 2013 - Targeted Drainage Water Management

**Grant Title** - 2013 - Targeted Drainage Water Management - RCRCA (Redwood-Cottonwood Rivers Control Area) (JPB)

**Grant ID** - C13-1980

**Organization** - Redwood-Cottonwood Rivers Control Area

<b>Grant Awarded Amount</b>	<b>\$100,000.00</b>	<b>Grant Execution Date</b>	
<b>Required Match Amount</b>	\$25,000.00	<b>Grant End Date</b>	1/1/2020
<b>Required Match %</b>	25%	<b>Grant Day To Day Contact</b>	

### Budget Summary

	Budgeted	Spent	Balance Remaining
Total Grant Amount	\$100,000.00	\$52,284.22	\$47,715.78
Total Match Amount	\$32,223.97	\$22,267.82	\$9,956.15
Total Other Funds	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$132,223.97</b>	<b>\$74,552.04</b>	<b>\$57,671.93</b>

### Budget Details

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
2013 - RCRCA Targeted Drainage Water Management - Grant Administration	Administration /Coordination	Current State Grant	2013 - Targeted Drainage Water Management - RCRCA (Redwood-Cottonwood Rivers Control Area) (JPB)	\$5,000.00	\$2,459.96	12/13/2013	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
2013 - RCRCRA Targeted Drainage Water Management - Grant Administration	Administration /Coordination	Local Fund	2013 - Organizational Match - TDWM - RCRCRA (Redwood-Cottonwood Rivers Control Area) (JPB)	\$7,000.00	\$3,443.94	12/13/2013	Y
2013 - RCRCRA Targeted Drainage Water Management - Project Development Initiative	Project Development	Current State Grant	2013 - Targeted Drainage Water Management - RCRCRA (Redwood-Cottonwood Rivers Control Area) (JPB)	\$5,000.00	\$2,524.65	12/13/2013	N
2013 - RCRCRA Targeted Drainage Water Management - Technical and Engineering Initiative	Technical/Engineering Assistance	Current State Grant	2013 - Targeted Drainage Water Management - RCRCRA (Redwood-Cottonwood Rivers Control Area) (JPB)	\$10,000.00	\$4,001.90	12/13/2013	N
FY2013CWF-DM-01-01A	Conservation Drainage	Current State Grant	2013 - Targeted Drainage Water Management - RCRCRA (Redwood-Cottonwood Rivers Control Area) (JPB)	\$11,139.28	\$11,139.28	1/3/2013	N
FY2013CWF-DM-01-01A	Conservation Drainage	Landowner Fund	2013 - Landowner/Program Match - TDWM - RCRCRA (Redwood-Cottonwood Rivers Control Area) (JPB)	\$3,713.09	\$3,713.09	1/3/2013	Y
FY2013CWF-DM-01-01B	Non-Structural Management Practices	Current State Grant	2013 - Targeted Drainage Water Management - RCRCRA (Redwood-Cottonwood Rivers Control Area) (JPB)	\$7,183.43	\$7,183.43	3/7/2013	N
FY2013CWF-DM-01-01B	Non-Structural Management Practices	Landowner Fund	2013 - Landowner/Program Match - TDWM - RCRCRA (Redwood-Cottonwood Rivers Control Area) (JPB)	\$2,394.48	\$2,394.48	3/7/2013	Y
FY2013CWF-DM-01-02A	Conservation Drainage	Current State Grant	2013 - Targeted Drainage Water Management - RCRCRA (Redwood-Cottonwood Rivers Control Area) (JPB)	\$1,575.00	\$1,575.00	11/7/2013	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
FY2013CWF-DM-01-02A	Conservation Drainage	Landowner Fund	2013 - Landowner/Program Match - TDWM - RCRC (Redwood-Cottonwood Rivers Control Area) (JPB)	\$525.00	\$525.00	11/7/2013	Y
FY2013CWF-DM-01-03	Conservation Drainage	Current State Grant	2013 - Targeted Drainage Water Management - RCRC (Redwood-C..	\$1,500.00	\$1,500.00	11/7/2013	N
FY2013CWF-DM-01-03	Conservation Drainage	Landowner Fund	2013 Landowner/Program Match - TDWM - RCRC	\$2,233.00	\$2,233.00	11/7/2013	Y
FY2013CWF-DM-01-05	Conservation Drainage	Current State Grant	2013 - Targeted Drainage Water Management - RCRC (Redwood-C..	\$1,800.00	\$1,800.00	7/3/2013	N
FY2013CWF-DM-01-05	Conservation Drainage	Landowner Fund	2013 Landowner/Program Match TDWM - RCRC	\$600.00	\$600.00	7/3/2013	Y
FY2013CWF-DM-01-06	Conservation Drainage	Current State Grant	2013 - Targeted Drainage Water Management - RCRC (Redwood-C..	\$2,100.00	\$2,100.00	12/7/2013	N
FY2013CWF-DM-01-06	Conservation Drainage	Landowner Fund	2013 Landowner/Program Match - TDWM - RCRC	\$850.00	\$850.00	12/7/2013	Y
FY2013CWF-DM-01-07	Conservation Drainage	Current State Grant	2013 - Targeted Drainage Water Management - RCRC (Redwood-C..	\$1,500.00	\$1,500.00	12/7/2013	N
FY2013CWF-DM-01-07	Conservation Drainage	Landowner Fund	2013 Landowner/Program Match - TDWM - RCRC	\$1,386.00	\$1,386.00	12/7/2013	Y
FY2013CWF-DM-01-08	Conservation Drainage	Current State Grant	2013 - Targeted Drainage Water Management - RCRC (Redwood-C..	\$1,800.00	\$1,800.00	11/7/2013	N
FY2013CWF-DM-01-08	Conservation Drainage	Landowner Fund	2013 Landowner/Program Match - TDWM - RCRC	\$1,919.50	\$1,919.50	11/7/2013	Y
FY2013CWF-DM-01-10	Conservation Drainage	Current State Grant	2013 - Targeted Drainage Water Management - RCRC (Redwood-C..	\$5,700.00	\$5,700.00	3/17/2014	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
FY2013CWF-DM-01-10	Conservation Drainage	Landowner Fund	2013 - Landowner/Program Match	\$2,072.65	\$2,072.65	3/17/2014	Y
FY2013CWF-DM-01-11	Conservation Drainage	Current State Grant	2013 - Targeted Drainage Water Management - RCRC (Redwood-C..	\$9,600.00	\$9,000.00	11/7/2013	N
FY2013CWF-DM-01-11	Conservation Drainage	Landowner Fund	Landowner Contribution	\$3,130.16	\$3,130.16	11/7/2013	Y
FY2013CWF-DM-01-13	Agricultural Practices	Current State Grant	2013 - Targeted Drainage Water Management - RCRC (Redwood-C..	\$900.00			N
FY2013CWF-DM-01-13	Agricultural Practices	Landowner Fund	Landowner Fund	\$300.00			Y
FY2013CWF-DM-01-14	Agricultural Practices	Current State Grant	2013 - Targeted Drainage Water Management - RCRC (Redwood-C..	\$6,000.00			N
FY2013CWF-DM-01-14	Agricultural Practices	Landowner Fund	Landowner Fund	\$2,000.00			Y
FY2013CWF-DM-01-15	Agricultural Practices	Current State Grant	2013 - Targeted Drainage Water Management - RCRC (Redwood-C..	\$1,200.00			N
FY2013CWF-DM-01-15	Agricultural Practices	Landowner Fund	Landowner Fund	\$400.00			Y
FY2013CWF-DM-XX-XX Placeholder Project	Special Projects	Current State Grant	2013 - Targeted Drainage Water Management - RCRC (Redwood-Cottonwood Rivers Control Area) (JPB)	\$28,002.29			N
FY2013CWF-DM-XX-XX Placeholder Project	Special Projects	Landowner Fund	2013 - Landowner/Program Match - TDWM - RCRC (Redwood-Cottonwood Rivers Control Area) (JPB)	\$3,700.09			Y

## Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Size / Unit
172M - Alternative Tile Intake - Gravel Inlet	1	7	7 COUNT
554 - Drainage Water Management	1	1	178 AC
172M - Alternative Tile Intake - Gravel Inlet	2	6	6 COUNT
587 - Structure for Water Control	1	6	6 COUNT
172M - Alternative Tile Intake - Gravel Inlet	1	0	0 COUNT
172M - Alternative Tile Intake - Gravel Inlet	1	30	30 COUNT
554 - Drainage Water Management	1	1	1 COUNT
587 - Structure for Water Control	4	0	0 COUNT
172M - Alternative Tile Intake - Gravel Inlet	1	19	19 COUNT
172M - Alternative Tile Intake - Gravel Inlet	2	5	5 COUNT
590 - Nutrient Management	1	1	120 AC
554 - Drainage Water Management	6	0	0 COUNT

## Indicators Summary

Indicator Name	Total Value	Unit
<b>SEDIMENT (TSS)</b>	80	TONS/YR
<b>SOIL (EST. SAVINGS)</b>	80	TONS/YR
<b>PREVENTION</b>	0	COUNT
<b>PHOSPHORUS (EST. REDUCTION)</b>	120	LBS/YR

## Grant Activity

Grant Activity - 2013 - RCRCA Targeted Drainage Water Management - Grant Administration		
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.	
Category	ADMINISTRATION/COORDINATION	
Start Date	1-Jan-13	End Date
Rates and Hours		
Actual Results	<p>-December, 2013: Completing required reporting on finished and paid contracts (12 applications (7 paid/partially paid) 59 intake replacements, 6 in-tile drainage control structures, 2 drainage management plans, one with operating payments, 1 nutrient management plans w/operating payments) as well as processing contracts for board approval to satisfy grant requirements. During the period, staff also attended training for contract management through the DWM grant program as well as webinars involving the grant.</p> <p>-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.</p>	

Grant Activity - 2013 - RCRCA Targeted Drainage Water Management - Project Development Initiative		
Description	Activities include BMP implementation and incentive contact activities relating to landowner correspondence and promotion of drainage management and nutrient management plans and implementation.	
Category	PROJECT DEVELOPMENT	
Start Date	1-Jan-13	End Date
Rates and Hours		
Actual Results	<p>December, 2013: One on one contact with NRCS and SWCD district technicians and managers, "cold calling " landowners with ideas for systems for their operations, retooling BWSR flyers and creating TSP lists for partner groups, as well as fielding questions and explanation of program to various partners in one on one situations.</p> <p>December, 2012: Promotions of program to various entities for sign-ups. Will appropriate funds in the next period.</p>	

**Grant Activity - 2013 - RCRC Targeted Drainage Water Management - Technical and Engineering Initiative**

<p><b>Description</b></p>	<p>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.</p> <p>Possible Technicians:                  Watershed Engineer: William Moldestad (P.E.) - Chief engineer at RCRC w/Technical Approval Authority                  County NRCS and SWCD Technicians with technical approval</p>	
<p><b>Category</b></p>	<p>TECHNICAL/ENGINEERING ASSISTANCE</p>	
<p><b>Start Date</b></p>	<p>1-Jan-13</p>	<p><b>End Date</b></p>
<p><b>Rates and Hours</b></p>		
<p><b>Actual Results</b></p>	<p>-December, 2013: Oversight of projects, site feasibility analysis, review of plan development, install certification, and cooperater liaison for finished and paid contracts (12 applications (7 paid/partially paid) 59 intake replacements, 6 in-tile drainage control structures, 2 drainage management plans, one with operating payments, 1 nutrient management plans w/operating payments). Technicians also attended workshops detailing the anatomy of drainage management plans, SOP for the paperwork involved with the drainage water management funds and for intake placement.</p> <p>William Moldestad (P.E.) - Chief engineer at RCRC has Technical Approval Authority and provides advise on best suitable project design, verifies invoices, and certifies completion.</p> <p>-December, 2012: Plans are in contract stage and are yet to be implemented, plan assessment is yet to be accomplished for projects under consideration.</p>	

**Grant Activity - FY2013CWF-DM-01-01A**

<b>Description</b>	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)		
<b>Category</b>	CONSERVATION DRAINAGE		
<b>Start Date</b>	17-Sep-12	<b>End Date</b>	02-Jan-13
<b>Rates and Hours</b>			
<b>Actual Results</b>	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)		

**Activity Action - Legacy Migrated Data**

<b>Practice</b>	554 - Drainage Water Management	<b>Count of Activities</b>	12
<b>Description</b>	Preparation of drainage water management plan by AIR-ROW Surveying LLC, Mankato, MN.		
<b>Proposed Size / Units</b>	178 AC	<b>Lifespan</b>	10 Years
<b>Actual Size/Units</b>	178 AC	<b>Installed Date</b>	2-Jan-13



Activity Action - Legacy Migrated Data			
Practice	554 - Drainage Water Management	Count of Activities	12
Description			
Proposed Size / Units	0 COUNT	Lifespan	Unknown
Actual Size/Units	COUNT	Installed Date	

Activity Action - Legacy Migrated Data			
Practice	554 - Drainage Water Management	Count of Activities	12
Description			
Proposed Size / Units	0 COUNT	Lifespan	Unknown
Actual Size/Units	COUNT	Installed Date	

Activity Action - Legacy Migrated Data			
Practice	554 - Drainage Water Management	Count of Activities	12
Description			
Proposed Size / Units	0 COUNT	Lifespan	Unknown
Actual Size/Units	0 COUNT	Installed Date	

Activity Action - Legacy Migrated Data			
Practice	554 - Drainage Water Management	Count of Activities	12
Description			
Proposed Size / Units	0 COUNT	Lifespan	Unknown
Actual Size/Units	COUNT	Installed Date	

Activity Action - Legacy Migrated Data			
Practice	554 - Drainage Water Management	Count of Activities	12
Description			
Proposed Size / Units	0 COUNT	Lifespan	Unknown
Actual Size/Units	COUNT	Installed Date	

Activity Action - Legacy Migrated Data			
Practice	587 - Structure for Water Control	Count of Activities	12
Description	Installed 6 water control structures per plan.		
Proposed Size / Units	6 COUNT	Lifespan	Unknown
Actual Size/Units	6 COUNT	Installed Date	2-Jan-13

Final Indicator for Legacy Migrated Data			
Indicator Name	PREVENTION	Value	0
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	29020		

Activity Action - Legacy Migrated Data			
Practice	587 - Structure for Water Control	Count of Activities	12
Description			
Proposed Size / Units	0 COUNT	Lifespan	Unknown
Actual Size/Units	COUNT	Installed Date	

Activity Action - Legacy Migrated Data			
Practice	587 - Structure for Water Control	Count of Activities	12
Description			
Proposed Size / Units	0 COUNT	Lifespan	Unknown
Actual Size/Units	COUNT	Installed Date	

Activity Action - Legacy Migrated Data			
Practice	587 - Structure for Water Control	Count of Activities	12
Description			
Proposed Size / Units	0 COUNT	Lifespan	Unknown
Actual Size/Units	COUNT	Installed Date	

Activity Action - Legacy Migrated Data			
Practice	554 - Drainage Water Management	Count of Activities	12
Description			
Proposed Size / Units	0 COUNT	Lifespan	Unknown
Actual Size/Units	COUNT	Installed Date	

Activity Action - Legacy Migrated Data			
Practice	587 - Structure for Water Control	Count of Activities	12
Description			
Proposed Size / Units	0 COUNT	Lifespan	Unknown
Actual Size/Units	COUNT	Installed Date	

**Grant Activity - FY2013CWF-DM-01-01B**

<b>Description</b>	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)		
<b>Category</b>	NON-STRUCTURAL MANAGEMENT PRACTICES		
<b>Start Date</b>	4-Oct-12	<b>End Date</b>	07-Mar-13
<b>Rates and Hours</b>			
<b>Actual Results</b>	Prairie Agronomics of Sanborn, MN prepared a CAP 104 nutrient management plan with manure. There is a 3 yr agreement with payment incentive to follow the NWP.		

**Activity Action - Jack Vogel Nutrient Management Plan and Operation**

<b>Practice</b>	590 - Nutrient Management	<b>Count of Activities</b>	1
<b>Description</b>	Prairie Agronomics of Sanborn, MN prepared a CAP 104 nutrient management plan with manure. There is a 3 yr agreement with payment incentive to follow the NWP.		
<b>Proposed Size / Units</b>	120 AC	<b>Lifespan</b>	10 Years
<b>Actual Size/Units</b>	120 AC	<b>Installed Date</b>	7-Mar-13
<b>Final Indicator for Jack Vogel Nutrient Management Plan and Operation</b>			
<b>Indicator Name</b>	PREVENTION	<b>Value</b>	0
<b>Indicator Subcategory/Units</b>	POLLUTION PREVENTION COUNT	<b>Calculation Tool</b>	Other
<b>Waterbody</b>	29020		

**Grant Activity - FY2013CWF-DM-01-02A**

<b>Description</b>	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)		
<b>Category</b>	CONSERVATION DRAINAGE		
<b>Start Date</b>	7-Mar-13	<b>End Date</b>	07-Nov-13
<b>Rates and Hours</b>			
<b>Actual Results</b>	A drainage water management plan prepared by AIR-ROW Surveying, LLC., Mankato, MN		

**Activity Action - Don Steffen - Drainage Water Management Project**

<b>Practice</b>	554 - Drainage Water Management	<b>Count of Activities</b>	1
<b>Description</b>	Drainage water management plan prepared by AIR-ROW, LLC, Mankato, MN		
<b>Proposed Size / Units</b>	1 COUNT	<b>Lifespan</b>	10 Years
<b>Actual Size/Units</b>	1 COUNT	<b>Installed Date</b>	7-Nov-13

**Grant Activity - FY2013CWF-DM-01-03**

<b>Description</b>	FY2013CWF-DM-01-03 Installation of 5 alternative intakes.		
<b>Category</b>	CONSERVATION DRAINAGE		
<b>Start Date</b>	4-Apr-13	<b>End Date</b>	07-Nov-13
<b>Rates and Hours</b>			
<b>Actual Results</b>	Installed 5 alternative intakes.		

Activity Action - Greg Grausam - 5 - Tile intake Replacements			
Practice	172M - Alternative Tile Intake - Gravel Inlet	Count of Activities	1
Description	Installed 5 alternative intakes.		
Proposed Size / Units	5 COUNT	Lifespan	10 Years
Actual Size/Units	5 COUNT	Installed Date	7-Nov-13
Final Indicator for Greg Grausam - 5 - Tile intake Replacements			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	7.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Other
Waterbody	29009		
Final Indicator for Greg Grausam - 5 - Tile intake Replacements			
Indicator Name	SEDIMENT (TSS)	Value	5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Other
Waterbody	29009		
Final Indicator for Greg Grausam - 5 - Tile intake Replacements			
Indicator Name	SOIL (EST. SAVINGS)	Value	5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Other
Waterbody	29009		

Grant Activity - FY2013CWF-DM-01-05			
Description	FY2013CWF-DM-01-05 Installation of 6 alternative intakes.		
Category	CONSERVATION DRAINAGE		
Start Date	4-Apr-13	End Date	09-Jul-13
Rates and Hours			
Actual Results	Installation of 6 alternative intakes.		

Activity Action - Donald Wellner - 6 - Tile Intake Replacements			
Practice	172M - Alternative Tile Intake - Gravel Inlet	Count of Activities	1
Description	Installation of 6 alternative intakes.		
Proposed Size / Units	6 COUNT	Lifespan	10 Years
Actual Size/Units	6 COUNT	Installed Date	9-Jul-13
Final Indicator for Donald Wellner - 6 - Tile Intake Replacements			
Indicator Name	SEDIMENT (TSS)	Value	6
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Other
Waterbody	29017, 29018		
Final Indicator for Donald Wellner - 6 - Tile Intake Replacements			
Indicator Name	SOIL (EST. SAVINGS)	Value	6
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Other
Waterbody	29017, 29018		
Final Indicator for Donald Wellner - 6 - Tile Intake Replacements			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	9
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Other
Waterbody	29017, 29018		

Grant Activity - FY2013CWF-DM-01-06			
Description	FY2013CWF-DM-01-06 Installation of 7 alternative intakes.		
Category	CONSERVATION DRAINAGE		
Start Date	4-Apr-13	End Date	09-Dec-13
Rates and Hours			
Actual Results	Installed 7 alternative intakes.		

Activity Action - Donald Guhlke - 7 Alternative Tile Intake Replacements			
Practice	172M - Alternative Tile Intake - Gravel Inlet	Count of Activities	1
Description	Installed 7 alternative intakes.		
Proposed Size / Units	7 COUNT	Lifespan	10 Years
Actual Size/Units	7 COUNT	Installed Date	9-Dec-13
Final Indicator for Donald Guhlke - 7 Alternative Tile Intake Replacements			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	10.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Other
Waterbody	29009		
Final Indicator for Donald Guhlke - 7 Alternative Tile Intake Replacements			
Indicator Name	SOIL (EST. SAVINGS)	Value	7
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Other
Waterbody	29009		
Final Indicator for Donald Guhlke - 7 Alternative Tile Intake Replacements			
Indicator Name	SEDIMENT (TSS)	Value	7
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Other
Waterbody	29009		

Grant Activity - FY2013CWF-DM-01-07			
Description	FY2013CWF-DM-01-07 Installation of 5 alternative intakes.		
Category	CONSERVATION DRAINAGE		
Start Date	4-Apr-13	End Date	09-Dec-13
Rates and Hours			
Actual Results	Installed 5 alternative intakes.		



Activity Action - Norman Krienke - 5 Open Tile Intake Replacements			
Practice	172M - Alternative Tile Intake - Gravel Inlet	Count of Activities	1
Description	Installed 5 alternative intakes.		
Proposed Size / Units	5 COUNT	Lifespan	10 Years
Actual Size/Units	5 COUNT	Installed Date	9-Dec-13
Final Indicator for Norman Krienke - 5 Open Tile Intake Replacements			
Indicator Name	SOIL (EST. SAVINGS)	Value	5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Other
Waterbody	29008, 29004		
Final Indicator for Norman Krienke - 5 Open Tile Intake Replacements			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	7.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Other
Waterbody	29008, 29004		
Final Indicator for Norman Krienke - 5 Open Tile Intake Replacements			
Indicator Name	SEDIMENT (TSS)	Value	5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Other
Waterbody	29008, 29004		

Grant Activity - FY2013CWF-DM-01-08			
Description	FY2013CWF-DM-01-08 Installation of 7 alternative intakes.		
Category	CONSERVATION DRAINAGE		
Start Date	4-Apr-13	End Date	07-Nov-13
Rates and Hours			
Actual Results	Installed 6 alternative intakes. Landowner did not install the last one.		

Activity Action - James Krienke - 6 - Blind Intake Replacement			
Practice	172M - Alternative Tile Intake - Gravel Inlet	Count of Activities	1
Description	Installed 6 alternative intakes.		
Proposed Size / Units	6 COUNT	Lifespan	10 Years
Actual Size/Units	6 COUNT	Installed Date	7-Nov-13
Final Indicator for James Krienke - 6 - Blind Intake Replacement			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	9
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Other
Waterbody	29008, 29004		
Final Indicator for James Krienke - 6 - Blind Intake Replacement			
Indicator Name	SOIL (EST. SAVINGS)	Value	6
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Other
Waterbody	29008, 29004		
Final Indicator for James Krienke - 6 - Blind Intake Replacement			
Indicator Name	SEDIMENT (TSS)	Value	6
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Other
Waterbody	29008, 29004		

Grant Activity - FY2013CWF-DM-01-10			
Description	FY2013CWF-DM-01-10 Installation of 19 alternative intakes.		
Category	CONSERVATION DRAINAGE		
Start Date	3-Jul-13	End Date	17-Mar-14
Rates and Hours			
Actual Results	Installation of 19 alternative intakes.		

Activity Action - FY2013CWF-DM-01-10			
Practice	172M - Alternative Tile Intake - Gravel Inlet	Count of Activities	1
Description	Installation of 19 alternative intakes.		
Proposed Size / Units	19 COUNT	Lifespan	10 Years
Actual Size/Units	19 COUNT	Installed Date	17-Mar-14
Final Indicator for FY2013CWF-DM-01-10			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	28.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Other
Waterbody	29038, 29033		
Final Indicator for FY2013CWF-DM-01-10			
Indicator Name	SEDIMENT (TSS)	Value	19
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Other
Waterbody	29038, 29033		
Final Indicator for FY2013CWF-DM-01-10			
Indicator Name	SOIL (EST. SAVINGS)	Value	19
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Other
Waterbody	29038, 29033		

Grant Activity - FY2013CWF-DM-01-11			
Description	FY2013CWF-DM-01-11 Installation of 32 172M-Alternative Tile Intakes throughout various sections of Redwood and Brown Counties.		
Category	CONSERVATION DRAINAGE		
Start Date	3-Oct-13	End Date	07-Nov-13
Rates and Hours			
Actual Results	30 Alternative Tile Intakes were installed. The remaining 2 intakes are planned to be completed in 2014. A partial payment for the 30 completed intakes was issued.		

Activity Action - Gary Nelson			
Practice	172M - Alternative Tile Intake - Gravel Inlet	Count of Activities	2
Description	Installed 30 alternative intakes.		
Proposed Size / Units	30 COUNT	Lifespan	10 Years
Actual Size/Units	30 COUNT	Installed Date	7-Nov-13
Final Indicator for Gary Nelson			
Indicator Name	SOIL (EST. SAVINGS)	Value	32
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Other
Waterbody	29008, 29009, 29011		
Final Indicator for Gary Nelson			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	48
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Other
Waterbody	29008, 29009, 29011		
Final Indicator for Gary Nelson			
Indicator Name	SEDIMENT (TSS)	Value	32
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Other
Waterbody	29008, 29009, 29011		

Activity Action - FY2013CWF-DM-01-11			
Practice	172M - Alternative Tile Intake - Gravel Inlet	Count of Activities	2
Description	Installation of 2 alternative intakes.		
Proposed Size / Units	2 COUNT	Lifespan	10 Years
Actual Size/Units	COUNT	Installed Date	

Grant Activity - FY2013CWF-DM-01-13		
Description	FY2013CWF-DM-01-13	
Category	AGRICULTURAL PRACTICES	
Start Date		End Date
Rates and Hours		
Actual Results		

Grant Activity - FY2013CWF-DM-01-14		
Description	FY2013CWF-DM-01-14 Proposed installation of 20 alternative intakes in Home Township, Section 21 (Brown County) and Brookville Township, Section 11 (Redwood County) within the Cottonwood River watershed.	
Category	AGRICULTURAL PRACTICES	
Start Date	3-Apr-14	End Date
Rates and Hours		
Actual Results		

Grant Activity - FY2013CWF-DM-01-15		
Description	FY2013CWF-DM-01-15 Proposed installation of 4 alternative intakes in Section 32 of Stately Township, Brown County.	
Category	AGRICULTURAL PRACTICES	
Start Date	3-Apr-14	End Date
Rates and Hours		
Actual Results		

**Grant Activity - FY2013CWF-DM-XX-XX Placeholder Project**

<b>Description</b>	<p>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:</p> <ul style="list-style-type: none"> <li>- CAP130 - Drainage Water Management Plan</li> <li>- CAP104 - Nutrient Management Plan</li> <li>- FOTG 554 - Drainage Water Management Operating Incentives</li> <li>- FOTG 590 - Implementation of Nutrient Management Plan</li> <li>- FOTG 587 - Drainage Management Structures</li> <li>- FOTG 747 - Denitrifying Bioreactor</li> <li>- FOTG 606 - Open Intake Replacements</li> </ul>	
<b>Category</b>	SPECIAL PROJECTS	
<b>Start Date</b>		<b>End Date</b>
<b>Rates and Hours</b>		
<b>Actual Results</b>		

**Grant Attachments**

Document Name	Document Type	Description
<b>3/28/14 reporting email</b>	Journal	Journal Dated - 03/28/2014
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 03/18/2014
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/23/2014
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 03/28/2014
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 04/11/2014
<b>RCRCA FY13 no expenditures email.pdf</b>	Grant	2013 - Targeted Drainage Water Management - RCRCA (Redwood-Cottonwood Rivers Control Area) (JPB)
<b>grant_app_general-added.rpt</b>	Grant	2013 - Targeted Drainage Water Management - RCRCA (Redwood-Cottonwood Rivers Control Area) (JPB)
<b>grant_app_general-added.rpt</b>	Grant	2013 - Targeted Drainage Water Management - RCRCA (Redwood-Cottonwood Rivers Control Area) (JPB)

Document Name	Document Type	Description
<b>reporting email</b>	Journal	Journal Dated - 03/18/2014