

2015 Expenditures and Outcome Report

The following is a summary of the various grants and funds Redwood SWCD has received from the State of Minnesota. Some of the programs will have tangible outcomes where others will have intangible outcomes; however these grants are necessary for an effective district operation.

FY 2014 Cost Share:

Total Funds Received		\$13,576.00
Division of cost share dollars received:		
Practice dollars	\$12,843.93	
Technical & Adm.	\$ 732.07	
Funds Encumbered	\$12,843.93	
Technical & Adm.	\$ 732.07	
Funds Expended:		
Grade Stab. (2)	\$12,397.68	
Grade Stab repair	446.25	
Tech. & Adm.	\$ 732.07	
Total		\$13,576.00

Outcomes:

Soil/Sediment Saved	69.67 tons per year
Phosphorus reduced	64.71 lbs. per year

FY 2015 Cost Share:

Total Funds Received		\$13,576.00
Division of cost share dollars received:		
Practice dollars	\$12,843.00	
T & A	733.00	
Funds encumbered	\$12,843.00	
Technical & Admin.	733.00	

FY 2015 Cost Share: continued

Funds Expended:

Grade Stab:	\$7,469.00
Grass Waterway:	\$3,234.25
WASCoB	\$1,673.25
Tech. & Admin.	\$ 732.07

Total		\$13,108.57
-------	--	-------------

Outcomes:

Soil/Sediment Saved	104.03 tons per year
Phosphorus reduced	29.03 lbs. per year

FY 2016 Cost Share:

Total Funds Received	\$13,576.00
----------------------	-------------

Division of cost share dollars received:

Practice dollars	\$13,000.00
T & A	576.00

Funds encumbered	\$10,156.16
Technical & Admin.	0.00

Funds Expended:

WASCoB	\$1,955.28
--------	------------

Total	\$1,955.28
-------	------------

Outcomes:

Soil/Sediment Saved	10.94 tons per year
Phosphorus reduced	12.58 lbs. per year

2012 CLEAN WATER FUNDS:

Funds Received \$363,957.00

Practice Dollars	\$331,500.00
Technical Dollars	\$ 17,018.00
Administrative	\$ 9,077.00
Project Development	\$ 6,362.00

Total Practice Funds expended by 12/31/15	\$300,873.65
Total Technical funds expended by 12/31/15	\$ 17,018.00
Total Administrative expended by 12/31/15	\$ 8,877.00
Total Project Dev. Expended by 12/31/15	\$ 6,362.00

7 new Grade Stabilization Structure	\$191,421.37
1 reconstruction of a Grade Stabilization Structure	\$ 6,386.25
10 Water & Sediment Control Structures	\$ 52,509.35
4.1 Acres Grassed Waterway	\$ 17,236.35
3 CNMP Plans	\$ 6,000.00
1,600 Acres of Variable Rate Application*	\$ 23,995.50
11 Alternative Intakes	\$ 3,324.83

Outcomes:

Phosphorus reduction	1,420.87 lbs. per year
Sediment reduction	1,106.89 tons per year
Soil saved	788.24 tons per year

* For variable rate it is hard to calculate savings. Soil samples are taken across a field and nutrients are applied across the field based on this sampling. An example:

One 80 acre field, 32 soil samples were taken.

Plans to apply before sampling	170-90-90 (N-P-K)
Applied after sampling	<u>140-43-40 (N-P-K)</u>

Savings	-30-47-50
---------	-----------

Easement Delivery:

FY 2015 -

Total Funds Received	\$21,517.00
Total Funds Expended	\$21,517.00

Redwood SWCD receives funds to provide a service to ensure proper management of the 450 plus RIM contracts in the county. In 2015, 258 contracts were spot checked. During the spot check we check to make sure the boundaries agree with the contract, make sure the conservation plan cover is intact and weeds are being controlled. There have been a large number of RIM lands that have changed ownerships where we have had to do name changes on. We also have to maintain an accurate set of files in the office.

Easement Delivery:

FY 2016 -

Total Funds Received	\$21,517.00
Total Funds Expended	\$ 3,335.71

Same activity as 2015

Conservation Delivery Program:

FY 2015

Total Funds Received	\$19,343.00
Total Funds Expended	\$19,343.00

Redwood SWCD receives funds for activities connected to delivering the various conservation programs our office delivers. Some of the expenses include; pay rent, administrative costs, and supervisor compensation and expenses.

Conservation Delivery Program:

FY 2016

Total Funds Received	\$19,343.00
Total Funds Expended	\$13,029.83

Redwood SWCD receives funds for activities connected to delivering the various conservation programs our office delivers. Some of the expenses include; pay rent, administrative costs, and supervisor compensation and expenses.

Farmbill Program:

FY 2015

Total Funds Received through reimbursement	\$27,394.00
--	-------------

Our farm bill position is a three quarter time position. The position continues to promote and assist Redwood County residence to help them understand state and federal programs. Redwood SWCD provides the needed local match. Some of the programs that are promoted include: CCRP, CRP, Pollinators, and various funding sources for RIM.

DNR Well Monitoring:

FY 2015 Funds

Total DNR Grant received	\$1,440.00
Total DNR Grant expended	\$1,440.00

Nine months, each year, Redwood SWCD technical staff measures the water level in 7 wells controlled by DNR. The purpose of measuring these wells is to see what the level of groundwater in our part of the state. DNR has these monitoring wells placed across Minnesota.

2014 NATURAL RESOURCES BLOCK GRANT

Total Grant Received	\$46,074.00
Total Grant Expended	\$46,074.00

- Of the 2014 NRBG 46,074.00 has been dispersed, but there is a balance of \$7,812.13 of WCA Match funds from FY14. These funds need to be dispersed before using any of the FY15 WCA Funds or Match.

There are four sections of the Natural Resources Block Grant; Wetland Conservation Act (WCA), Comprehensive Local Water Management (LWM), SSTS and Shoreland. Redwood SWCD administers two of the four programs; WCA and LWM. Redwood County Environmental Office administers the remaining two programs.

The entire Natural Resource Block Grant report also appears on Redwood County's Web Site.

Wetland Conservation Act (WCA):

2014

Total WCA Grant received	\$10,387.00
Total WCA Grant Expended	\$10,387.00
Total WCA Grant Match received	\$10,387.00
Total WCA Grant Match Expended	\$ 2,574.87

Redwood SWCD, as the Local Government Unit, administers the Wetland Conservation Act (WCA) in Redwood County in accordance to the state law. Redwood SWCD, through in-kind hours matches these funds. Redwood SWCD had 63 WCA contacts including private landowners, government agencies and NGO's. We approved 10 applications and denied 1; 1 replacement plan was approved, and provided 5 exemptions. The office also investigated 8 potential violations which required several site visits. We continue to work on a potential violation that has been on-going for several years. Several training sessions were attended to keep us up to date on the changes being made to continually improve the program.

2014 Complete WCA report is located on the web-site under reports.

Local Water Management (LWM)

2014 Total LWM Grant State Received	\$14,472.00
2014 County Cash Match Received	<u>\$ 8,667.00</u>
Total Available	\$23,139.00

2014 Total LWM/Match Grant Expended	\$23,139.00
-------------------------------------	-------------

Redwood SWCD implemented Redwood Counties Comprehensive Local Water Management Plan. Due to the limited funds available and the annual commitment the Water Management Advisory Board entered into several years ago, the Board decided it would not be wise use of funds to hold regular meetings. Therefore, they delegated the administration to the County Commissioners and SWCD Board. Besides the funds to Redwood SWCD for administration, funds were spent to assist in reaching the goals of the Water Management Plan.

Some of the activities funds were expended for include:

- 1) 2013 Environmental Fair where 5th & 6th graders in the county have the opportunity to participate in hands on environmental education.
- 2) Provided the educational opportunity for the Prairie Ecology Bus to present their water quality programs to two (2) schools in the county.
- 3) Published a newsletter in local paper providing water quality information to the citizens in Redwood County.
- 4) Continued funding for the 54.7 acres of filterstrips placed along county ditches throughout the county.
- 5) Provided funds to seal 5 abandoned wells in highly sensitive areas in the county.
- 6) Continue to take secchi disk readings in Lake Laura to monitor clarity of the land.
- 7) Promoted filterstrips to work toward goal of having 50% of ditches in the county with established filterstrips. Have many producers interested, but very few state funds.

The following two programs are not administered out of the SWCD office, however they are part of the Natural Resources Block Grant, so will report on them.

SSTS:

2014 Total SSTS Grant State Received	\$18,941.00
2014 Total SSTS Grant Expended	\$18,941.00

County Environmental Office staff made site visits and reviewed designs submitted by installers and designers for individual septic systems. Submitted the annual report to MPCA.

Shoreland

2014 Total Shoreland Grant State Received	\$2,615.00
2014 Total Shoreland Grant Expended	\$2,615.00

County Environmental Office Staff enforced the shoreland and floodplain ordinances, reviewed the ordinances and made necessary changes to the ordinances. County Environmental Office submitted a separate report, as per requirements to DNR. These reports will appear on Redwood County's web-site.

2015 NATURAL RESOURCES BLOCK GRANT

Total Grant Received	\$46,074.00
Total Grant Expended	\$46,074.00

There are four sections of the Natural Resources Block Grant; Wetland Conservation Act (WCA), Comprehensive Local Water Management (LWM), SSTS and Shoreland. Redwood SWCD administers two of the four programs; WCA and LWM. Redwood County Environmental Office administers the remaining two programs.

Wetland Conservation Act (WCA):

2015

Total WCA Grant received	\$10,387.00
Total WCA Grant Expended	\$.00
Total WCA Grant Match received	\$10,387.00
Total WCA Grant Match Expended	\$.00

Redwood SWCD, as the Local Government Unit, administers the Wetland Conservation Act (WCA) in Redwood County in accordance to the state law. Redwood SWCD, through in-kind hours matches these funds. Redwood SWCD had 76 WCA contacts including private landowners, government agencies and NGO's. We approved 11 applications; 3 replacement plans were approved, and provided 4 exemptions. There were 197,677 square feet of wetlands permanently impacted. The office also investigated 4 potential violations which required several site visits. We continue to work on a potential violation that has been on-going for several years. Several training sessions were attended to keep us up to date on the changes being made to continually improve the program.

2015 Complete WCA report is located on the web-site under reports.

Local Water Management (LWM)

2015 Total LWM Grant State Received	\$14,472.00
2015 County Cash Match Received	<u>\$ 8,667.00</u>
Total Available	\$23,139.00
2015 Total LWM/Match Grant Expended	\$23,139.00

Redwood SWCD implemented Redwood Counties Comprehensive Local Water Management Plan. Due to the limited funds available and the annual commitment the Water Management Advisory Board entered into several years ago, the Board decided it would not be wise use of funds to hold regular meetings. Therefore, they delegated the administration to the County Commissioners and SWCD Board. Besides the funds to Redwood SWCD for administration, funds were spent to assist in reaching the goals of the Water Management Plan.

FY15 Local Water Management (LWM) continued;

Some of the activities funds were expended for include:

- 1) 2015 Environmental Fair where 5th & 6th graders in the county have the opportunity to participate in hands on environmental education.
- 2) Provided the educational opportunity for the Prairie Ecology Bus to present their water quality programs to two (2) schools in the county.
- 3) Published a newsletter in local paper providing water quality information to the citizens in Redwood County.
- 4) Continued funding to 9 landowners for the 49.73 acres of filterstrips placed along county ditches throughout the county.
- 5) Provided funds to seal 5 abandoned wells in highly sensitive areas in the county.
- 6) Continue to take secchi disk readings in Lake Laura to monitor clarity of the land.
- 7) Held several promotional meetings promoting the use of cover crops.

The following two programs are not administered out of the SWCD office, however they are part of the Natural Resources Block Grant, so will report on them.

SSTS:

2015 Total SSTS Grant State Received	\$18,600.00
2015 Total SSTS Grant Expended	\$18,600.00

County Environmental Office staff made site visits and reviewed designs submitted by installers and designers for individual septic systems. Submitted the annual report to MPCA.

Shoreland

2015 Total Shoreland Grant State Received	\$2,615.00
2015 Total Shoreland Grant Expended	\$2,615.00

County Environmental Office Staff enforced the shoreland and floodplain ordinances, reviewed the ordinances and made necessary changes to the ordinances. County Environmental Office submitted a separate report, as per requirements to DNR. These reports will appear on Redwood County's web-site.

2014 Minnesota Flood Relief-Phase I

Total MN Flood Relief-Phase I Grant Received	\$110,000.00
Total MN Flood Relief-Phase I Grant Expended	\$109,221.98
5 Grade Stab Structures	\$103,421.98
Tech & Admin	\$ 5,800.00

Outcomes:

Phosphorus reduction 950.50 lbs. per year
Sediment reduction 950.50 tons per year
Soil saved 27.50 tons per year

2014 Minnesota Flood Relief-Phase II

Total MN Flood Relief Grant Phase II Received	\$73,314.00
Total MN Flood Relief Grant Phase II Encumbered	\$34,967.81
Projects	\$34,880.01
Tech & Admin	\$ 87.80
Total MN Flood Relief Grant Phase II Expended	\$ 267.93
3 Water & Sediment Control Basins	\$ 180.13
Tech & Admin	\$ 87.80

Outcomes:

Phosphorus reduction 15.49 lbs. per year
Sediment reduction 15.49 tons per year
Soil saved 30.99 tons per year

2016 Buffer Law

Buffer Law Funds received	\$35,000.00
Buffer Law Funds Encumbered/Expended	\$.00

2016 MAWQCP

2016 MAWQCP funds will be used for the Administration & Coordination of the Water Quality Certification Program.

MAWQCP Funds Received	\$6,000.00
MAWQCP Funds Expended	\$2,709.56

Outcomes:

District Administrator wages: 22 hrs @ 57.68 = 1,268.96

Water Quality Tech wages: 42 hrs @ 34.30 = 1,440.60