



## Grant All-Detail Report 2012 - Clean Water Assistance

**Grant Title** - 2012 - Clean Water Assistance - Kittson (SWCD)

**Grant ID** - C13-3759

**Organization** - Kittson SWCD

<b>Grant Awarded Amount</b>	<b>\$175,000.00</b>	<b>Grant Execution Date</b>	
<b>Required Match Amount</b>	\$43,750.00	<b>Grant End Date</b>	1/1/2020
<b>Required Match %</b>	25%	<b>Grant Day To Day Contact</b>	Jamie Osowski

### Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$175,000.00	\$100,000.00	\$75,000.00
Total Match Amount	\$137,275.00	\$96,681.51	\$40,593.49
Total Other Funds	\$17,930.00	\$17,749.00	\$181.00
<b>Total</b>	<b>\$330,205.00</b>	<b>\$214,430.51</b>	<b>\$115,774.49</b>

*\*Grant balance remaining is the difference between the Awarded Amount and the Spent Amount. Other values compare budgeted and spent amounts.*

### Budget Details

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
2012 CWF Admin - Red River Watershed	Administration /Coordination	Local Fund	2012 KSWCD Fund - Red River Watershed	\$2,250.00	\$1,988.51	3/20/2015	Y
2012 CWF Project Development - Red River Watershed	Project Development	Local Fund	2012 Kittson County Fund - Red River Watershed	\$10,000.00			Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
2012 CWF Technical Engineering - Red River Watershed	Technical/Engineering Assistance	Local Fund	2012 KSWCD Fund - Red River Watershed	\$2,250.00	\$2,250.00	12/31/2013	Y
Anticipated CWF 2012 Red River Watershed Runoff Reduction	Agricultural Practices	Current State Grant	2012 - Clean Water Assistance - Kittson (SWCD)	\$75,000.00			N
Anticipated CWF 2012 Red River Watershed Runoff Reduction	Agricultural Practices	Local Fund	2012 Landowner Fund - Red River Watershed	\$4,500.00			Y
CWF 2012 Lake Bronson Watershed - Phase II	Special Projects	Current State Grant	2012 - Clean Water Assistance - Kittson (SWCD)	\$0.00			N
CWF 2012 Lake Bronson Watershed - Phase II	Special Projects	Local Fund	2012 Landowner Fund - Lake Bronson Watershed Phase II	\$10,000.00			Y
CWF Admin - Lake Bronson Watershed Phase II	Administration /Coordination	Current State Grant	2012 - Clean Water Assistance - Kittson (SWCD)	\$5,000.00	\$5,000.00	11/12/2015	N
CWF Project Development - Lake Bronson Watershed Phase II	Project Development	Local Fund	2012 TRWD Fund - Lake Bronson Watershed Phase II	\$5,000.00	\$5,000.00	11/9/2015	Y
CWF Technical Engineering - Lake Bronson Watershed Phase II	Technical/Engineering Assistance	Local Fund	2012 KSWCD Fund - Lake Bronson Watershed Phase II	\$10,000.00	\$10,000.00	12/31/2014	Y
Carter Novacek CWF FY2012-04	Agricultural Practices	Current State Grant	2012 - Clean Water Assistance - Kittson (SWCD)	\$8,436.00	\$8,436.00	9/18/2015	N
Carter Novacek CWF FY2012-04	Agricultural Practices	Federal Funds	CCRP	\$5,949.00	\$5,949.00	8/14/2015	Y
Carter Novacek CWF FY2012-04	Agricultural Practices	Landowner Fund	2012 Landowner Fund-Lake Bronson Watershed Phase II	\$959.00	\$959.00	9/18/2015	Y
Carter Novacek CWF FY2012-06	Agricultural Practices	Current State Grant	2012 - Clean Water Assistance - Kittson (SWCD)	\$2,982.00	\$2,982.00	8/14/2015	N
Carter Novacek CWF FY2012-06	Agricultural Practices	Federal Funds	CCRP	\$2,613.00	\$2,613.00	8/14/2015	Y
Carter Novacek CWF FY2012-06	Agricultural Practices	Landowner Fund	2012 Landowner Fund- Lake Bronson Watershed Phase II	\$373.00	\$373.00	9/18/2015	Y
Donald Melby CWF FY2012-03 Grass Filter Strip	Agricultural Practices	Current State Grant	2012 - Clean Water Assistance - Kittson (SWCD)	\$12,536.00	\$12,536.00	7/11/2014	N
Donald Melby CWF FY2012-03 Grass Filter Strip	Agricultural Practices	Federal Funds	CCRP	\$9,064.00	\$9,064.00	7/11/2014	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Donald Melby CWF FY2012-03 Grass Filter Strip	Agricultural Practices	Local Fund	2012 Landowner Fund - Lake Bronson Watershed Phase II	\$9,064.00	\$960.00	7/11/2014	Y
Earl Feucht CWF FY 2012-11	Agricultural Practices	Current State Grant	2012 - Clean Water Assistance - Kittson (SWCD)	\$21,990.00	\$21,990.00	8/13/2015	N
Earl Feucht CWF FY 2012-11	Agricultural Practices	Federal Funds	CCRP	\$14,902.00	\$14,902.00	9/18/2015	Y
Earl Feucht CWF FY 2012-11	Agricultural Practices	Landowner Fund	2012 Landowner Fund- Lake Bronson Watershed Phase II	\$2,460.00	\$2,460.00	9/18/2015	Y
Earl Feucht CWF FY2012-12	Agricultural Practices	Current State Grant	2012 - Clean Water Assistance - Kittson (SWCD)	\$7,903.00	\$7,903.00	9/18/2015	N
Earl Feucht CWF FY2012-12	Agricultural Practices	Federal Funds	CCRP	\$7,130.00	\$7,130.00	8/13/2015	Y
Earl Feucht CWF FY2012-12	Agricultural Practices	Landowner Fund	2012 Landowner Fund- Lake Bronson Watershed Phase II	\$1,002.00	\$1,002.00	9/18/2015	Y
Earl Feucht CWF FY2012-12	Agricultural Practices	Other Funds	2013 - Clean Water Assistance Grant - Kittson (SWCD)	\$181.00			N
Glen Hendrickson CWF FY2012-02 Grass Filter Strip	Agricultural Practices	Current State Grant	2012 - Clean Water Assistance - Kittson (SWCD)	\$10,115.00	\$10,115.00	9/15/2014	N
Glen Hendrickson CWF FY2012-02 Grass Filter Strip	Agricultural Practices	Federal Funds	CCRP	\$5,410.00	\$5,410.00	9/15/2014	Y
Glen Hendrickson CWF FY2012-02 Grass Filter Strip	Agricultural Practices	Local Fund	2012 Landowner Fund - Lake Bronson Watershed Phase II	\$5,410.00	\$690.00	9/15/2014	Y
Kevin Williamson CWF FY2012-05	Agricultural Practices	Current State Grant	2012 - Clean Water Assistance - Kittson (SWCD)	\$4,302.00	\$4,302.00	9/15/2014	N
Kevin Williamson CWF FY2012-05	Agricultural Practices	Federal Funds	CCRP	\$3,348.00	\$3,348.00	9/15/2014	Y
Kevin Williamson CWF FY2012-05	Agricultural Practices	Local Fund	2012 Landowner Fund - Lake Bronson Watershed Phase II	\$3,348.00	\$340.00	9/15/2014	Y
Mark Stephens CWF FY 2012-09	Agricultural Practices	Current State Grant	2012 - Clean Water Assistance - Kittson (SWCD)	\$2,163.00	\$2,163.00	8/19/2015	N
Mark Stephens CWF FY 2012-09	Agricultural Practices	Federal Funds	CCRP	\$1,898.00	\$1,898.00	7/7/2015	Y
Mark Stephens CWF FY 2012-09	Agricultural Practices	Landowner Fund	2012 Landowner Fund-Lake Bronson Watershed Phase II	\$271.00	\$271.00	8/19/2015	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Mark Stephens CWF FY 2012-10	Agricultural Practices	Current State Grant	2012 - Clean Water Assistance - Kittson (SWCD)	\$9,259.00	\$9,259.00	8/19/2015	N
Mark Stephens CWF FY 2012-10	Agricultural Practices	Federal Funds	CCRP	\$7,049.00	\$7,049.00	8/19/2015	Y
Mark Stephens CWF FY 2012-10	Agricultural Practices	Landowner Fund	2012 Landowner Fund- Lake Bronson Watershed Phase II	\$1,087.00	\$1,087.00	8/19/2015	Y
Mark Stephens CWF FY2012-07	Agricultural Practices	Current State Grant	2012 - Clean Water Assistance - Kittson (SWCD)	\$13,406.00	\$13,406.00	8/19/2015	N
Mark Stephens CWF FY2012-07	Agricultural Practices	Federal Funds	CCRP Funds	\$10,354.00	\$10,354.00	8/19/2015	Y
Mark Stephens CWF FY2012-07	Agricultural Practices	Landowner Fund	2012 Landowner Fund- Lake Bronson Watershed District Phase II	\$1,584.00	\$1,584.00	8/19/2015	Y
Randy Dvergsten CWF FY2011-13 & CWF FY2012-01 Grass Filter Strip	Agricultural Practices	Current State Grant	2012 - Clean Water Assistance - Kittson (SWCD)	\$1,908.00	\$1,908.00	8/8/2013	N
Randy Dvergsten CWF FY2011-13 & CWF FY2012-01 Grass Filter Strip	Agricultural Practices	Other Funds	2011 - Runoff Reduction - Kittson (SWCD)	\$11,869.00	\$11,869.00	8/8/2013	N
Randy Dvergsten CWF FY2011-13 & CWF FY2012-01 Grass Filter Strip	Agricultural Practices	Other Funds	CCRP Funds	\$5,000.00	\$5,000.00	9/16/2013	N
Randy Dvergsten CWF FY2011-13 & CWF FY2012-01 Grass Filter Strip	Agricultural Practices	Other Funds	Landowner Fund - Lake Bronson Watershed	\$880.00	\$880.00	7/2/2012	Y

### Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
393 - Filter Strip	1	1	7.55 AC	7.55 AC
393 - Filter Strip	1	2	8.8 AC	8.8 AC
393 - Filter Strip	1	1	3.73 AC	3.73 AC
393 - Filter Strip	1	1	6.9 AC	6.9 AC
393 - Filter Strip	1	1	3.4 AC	3.4 AC
393 - Filter Strip	1	1	9.6 AC	9.6 AC

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
393 - Filter Strip	1	2	6.96 AC	6.96 AC
393 - Filter Strip	2	2	17.08 AC	17.08 AC
393 - Filter Strip	1	1	9.59 AC	9.59 AC
393 - Filter Strip	1	1	11 AC	11 AC
393 - Filter Strip	1	1	1.88 AC	1.88 AC

### Proposed Activity Indicators

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
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### Final Indicators Summary

Indicator Name	Total Value	Unit
<b>SOIL (EST. SAVINGS)</b>	256.00	TONS/YR
<b>SEDIMENT (TSS)</b>	2,290.10	TONS/YR
<b>PHOSPHORUS (EST. REDUCTION)</b>	2,604.70	LBS/YR

## Grant Activity

### Grant Activity - 2012 CWF Admin - Red River Watershed

Description	The Kittson Soil and Water Conservation District (SWCD) District Manager or District Technician will be in charge of completing all the necessary progress reports in eLINK. The Kittson SWCD District Manager will post reports and other information related to this project on the Kittson SWCD website at <a href="http://www.kittsonswcd.org">www.kittsonswcd.org</a> . The Kittson SWCD District Coordinator will keep track of expenditures that are charged to this project. The Kittson SWCD District Manager and District Technician will work together to coordinate the work that needs to be done for this project. The administrative work will also involve accounting for and management of in kind contributions from the Two Rivers Watershed District (TRWD), Joe River Watershed District (JRWD), Farm Service Agency (FSA), Natural Resources Conservation Services (NRCS) and the Red River of the North Watershed landowners.		
Category	ADMINISTRATION/COORDINATION		
Start Date	5-Apr-12	End Date	
Has Rates and Hours?	No		
Actual Results	<p>As of 3/21/15, a total of 49.5 hours have been spent on this project since it has been approved. Majority of the work has been creating aerial maps/proposals for landowners along the eligible county ditches. The Kittson SWCD website has been kept up to date with information regarding the Clean Water Funds we have received. Due to lack of a Farm Bill, at times, current land rent and crop commodities, no new participants have signed up. Landowners need first sign at FSA into a CCRP contract before signing one with the SWCD for Clean Water Funds.</p> <p>As of 11/13/15, The Kittson SWCD requested an extension on this practice because there was a lack of interest from the landowners in this project area due to high land values. The requested targeted area of this project would be County Ditch 13 and 22 subwatersheds where they believe there will be better landowner interest.</p>		

## Grant Activity - 2012 CWF Project Development - Red River Watershed

Description	<p>The Kittson Soil and Water Conservation District (SWCD) District Manager and District Technician will work together to plan the installation of 75 acres of grass filter strips within the Red River of the North Watershed.</p> <p>The exact locations of these grass filter strips will be identified during the signup/design process. The Kittson SWCD District Manager has already sent out letters informing landowners of the additional incentives to signup for these grass filter strips. Interested applicants will meet with the Kittson SWCD District Manager to discuss and or signup for the program.</p> <p>The Kittson SWCD will work with the Continuous Conservation Reserve Program (CCRP), Farm Service Agency (FSA), Natural Resources Conservation Services (NRCS) and the obtained Clean Water Funds to promote grass filter strips adjacent to sensitive water bodies that flow to Red River.</p> <p>Applicants will sign the necessary paperwork with the Kittson SWCD. Once the signup period is complete, all applicants will be reviewed by a screening committee consisting of staff members from the Kittson and Roseau SWCD, Two Rivers Watershed District (TRWD), Joe River Watershed District (JRWD), Natural Resources Conservation Services (NRCS) and the Farm Service Agency (FSA). Once the screening committee approves (or does not approve) applicants, the Kittson SWCD will call and let them know to stop int our office to sign paperwork. Contracts will preferably start October 1, 2012 or October 1, 2013; however, since CCRP is a continuous signup, contracts could start at any time. Contracts will be for 10 to 15 years.</p> <p>Approved applicants will receive a Farm Serve Agency's aerial map with acres assigned to each field. Applicants will also receive a spreadsheet explaining the breakdown of funds, such as how much Farm Service Agency (FSA) will pay and how much the Clean Water Funds will pay.</p>		
Category	PROJECT DEVELOPMENT		
Start Date	5-Apr-12	End Date	
Has Rates and Hours?	No		
Actual Results	As of 12/31/14 no landowners have signed up for the program, due to the Farm Bill has been periodically inactive (October 1, 2012 to present) and this area has higher rent then the \$150/acre/year. Landowners first need to sign up at the FSA a CCRP contract before signing a contract for Clean Water Funds.		

## Grant Activity - 2012 CWF Technical Engineering - Red River Watershed

<b>Description</b>	<p>The Kittson Soil and Water Conservation District (SWCD) District Manager and the Natural Resources Conservation Services (NRCS) will develop the plans and specifications for 75 acres of grass filter strips that will be installed in the County Ditch 13 and County Ditch 22 subwatersheds. Grass filter strips will be designed to NRCS specifications. The District Manager and NRCS will assist with seed plans for the approved areas. Approved applicants will sign their acreage at the Farm Service Agency (FSA) under the CCRP.</p> <p>These Clean Water Funds will also be used to increase the approved landowner(s) Soil Rental Rate to be competitive with current commodity prices. Once the grass filter strips are planted according to NRCS specifications, the additional Clean Water Funds will be paid in a one time single payment.</p> <p>Side Water Inlets (SWI), for those applicants who are interested, will be surveyed by the Kittson SWCD and or NRCS. A design will be done by the Area NRCS Engineers or the Kittson SWCD District Manager. Checkout of any SWIs will be done by the Kittson SWCD District Manager and/or Area NRCS Engineers. All SWIs will be built and design according to NRCS specifications and guidelines. TAA documentation will be on file at the Kittson SWCD.</p> <p>Grass Filter Strips widths will be installed according to the NRCS eFOTG and contracts will be from 10 to 15 years long. 3 to 5 grass species will make up the seed mixes that will follow the NRCS 393 Grass Filter Strip standard. All grass will be native grasses and only of ecotypes native to the Kittson County area. Applicants will submit their seed tags, bills, invoices, personal hours, etc. to the Kittson SWCD or Farm Service Agency to receive up to 90% cost share assistance.</p> <p>Applicants will follow the CCRP contract for maintenance of the area. They are allowed to spot clip weeds when necessary but are not allowed to harvest the areas.</p>
<b>Category</b>	TECHNICAL/ENGINEERING ASSISTANCE
<b>Start Date</b>	5-Apr-12
<b>Has Rates and Hours?</b>	No
<b>Actual Results</b>	<p>As of 12/31/14, a total of 70 hours have been spent on this project since it has been approved. Majority of the work has been creating aerial maps/proposals for landowners along the eligible county ditches. The Kittson SWCD website has been kept up to date with information regarding the Clean Water Funds we have received. Due to (at times) a lack of a Farm Bill, current land rent and crop commodities, no new participants have signed up. Landowners need first sign at FSA into a CCRP contract</p>



berfore signing one with the SWCD for Clean Water Funds.

#### Grant Activity - Anticipated CWF 2012 Red River Watershed Runoff Reduction

Description	The project will reduce runoff and decrease movement of sediment, nutrients and bacteria by targeting, prioritizing and installing vegetative practices along with potentially installing Side Water Inlets (SWI) within the Red River of the North and upland subwatersheds. Emphasis will be placed on the Red River of the North, which is on the Minnesota Pollution Control Agency (MPCA) Impaired Waters for Kittson County for Turbidity. Emphasis will also be placed on County Ditches 13 and 22 in the Two Rivers Watershed District. These ditch systems and the Red River of the North are prone to major flooding and sediment overload due to current cropping practices.		
Category	AGRICULTURAL PRACTICES		
Start Date	5-Apr-12	End Date	
Has Rates and Hours?	No		
Actual Results	<p>As of 12/31/14, a total of 70 hours have been spent on this project since it has been approved. Majority of the work has been creating aerial maps/proposals for landowners along the eligible county ditches. The Kittson SWCD website has been kept up to date with information regarding the Clean Water Funds we have received. Due to lack of a Farm Bill (at times) and current rental rates in the area is still very high, no new participants have signed up. Landowners need first sign at FSA into a CCRP contract berfore signing one with the SWCD for Clean Water Funds.</p> <p>As of 11/13/15, The Kittson SWCD requested an extension on this practice because there was a lack of interest from the landowners in this project area due to high land values. The requested targeted area of this project would be County Ditch 13 and 22 subwatersheds where they believe there will be better landowner interest.</p>		

## Grant Activity - CWF 2012 Lake Bronson Watershed - Phase II

Description	The goal of the project is to establish 100 acres of grass filter strips within the Lake Bronson Watershed in accordance with NRCS specifications.		
Category	SPECIAL PROJECTS		
Start Date	5-Apr-12	End Date	13-Nov-15
Has Rates and Hours?	No		
Actual Results	<p>As of 2/1/14, 6 landowners/contracts have signed up for the grass filter strip program. As of 12/31/14, 4 of these landowners/contracts have been planted for 28.7 acres. The remaining 2 landowners/contracts for 13.32 acres will be planted in spring 2015.</p> <p>As of 11/13/2015, 7 landowners/11 contracts have been signed up for the grass filter strip program. All the acres have been seeded for a total of 86.49 acres.</p>		

## Grant Activity - CWF Admin - Lake Bronson Watershed Phase II

Description	The Kittson Soil and Water Conservation District (SWCD) District Manager or District Technician will be in charge of completing all the necessary progress reports in eLINK. The Kittson SWCD District Manager will post reports and other information related to this project on the Kittson SWCD website at <a href="http://www.nwmnswcd.org">www.nwmnswcd.org</a> . The Kittson SWCD District Coordinator will keep track of expenditures that are charged to this project. The Kittson SWCD District Manager and District Technician will work together to coordinate the work that needs to be done for this project. The administrative work will also involve accounting for and management of in kind contributions from the Two Rivers Watershed District (TRWD), Farm Service Agency (FSA), Natural Resources Conservation Services (NRCS) and the Lake Bronson Watershed landowners.		
Category	ADMINISTRATION/COORDINATION		
Start Date	5-Apr-12	End Date	13-Nov-15
Has Rates and Hours?	No		
Actual Results	<p>As of 6/14/15, a total of 341 hours have been spent on this project since it has been approved. Majority of the work has been creating aerial maps/proposals for landowners along the eligible county ditches, ground truthing the area and 6 landowners have signed up for the project. The Kittson SWCD website has been kept up to date with information regarding the Clean Water Funds we have received. Landowners need first sign at FSA into a CCRP contract before signing one with the SWCD for Clean Water Funds.</p> <p>As of 11/13/15- 371.5 hours have been spent on the administration of the Project. Majority of the work has been creating aerial maps/proposals for landowners along the eligible county ditches, ground truthing the area and 6 landowners have signed up for the project.</p>		

## Grant Activity - CWF Project Development - Lake Bronson Watershed Phase II

Description	<p>The Kittson Soil and Water Conservation District (SWCD) District Manager and District Technician will work together to plan the installation of 100 acres of grass filter strips within the Lake Bronson Watershed.</p> <p>The exact locations of these grass filter strips will be identified during the signup/design process. The Kittson SWCD District Manager has already sent out letters informing landowners of the additional incentives to signup for these grass filter strips. Interested applicants will meet with the Kittson SWCD District Manager to discuss and or signup for the program.</p> <p>The Kittson SWCD will work with the Continuous Conservation Reserve Program (CCRP), Farm Service Agency (FSA), Natural Resources Conservation Services (NRCS) and the obtained Clean Water Funds to promote grass filter strips adjacent to sensitive water bodies that flow to Lake Bronson.</p> <p>Applicants will sign the necessary paperwork with the Kittson SWCD. Once the signup period is complete, all applicants will be reviewed by a screening committee consisting of staff members from the Kittson and Roseau SWCD, Two Rivers Watershed District (TRWD), Natural Resources Conservation Services (NRCS) and the Farm Service Agency (FSA). Once the screening committee approves (or does not approve) applicants, the Kittson SWCD will call and let them know to stop into our office to sign paperwork. Contracts will preferably start October 1, 2012 or October 1, 2013; however, since CCRP is a continuous signup contracts can start at anytime. Contracts will be for 10 to 15 years.</p> <p>Approved applicants will receive a Farm Service Agency's aerial map with acres assigned to each field. Applicants will also receive a spreadsheet explaining the breakdown of funds, such as how much Farm Service Agency will pay and how much the Clean Water Funds will pay.</p>		
Category	PROJECT DEVELOPMENT		
Start Date	5-Apr-12	End Date	09-Nov-15
Has Rates and Hours?	No		
Actual Results	<p>As of 12/31/14, a total of 6 landowners/contracts have signed up for the project.</p> <p>Landowners need first sign at FSA into a CCRP contract before signing one with the SWCD for Clean Water Funds.</p> <p>Received match money from Two River Watershed District for Project Development on 11/9/15.</p>		

## Grant Activity - CWF Technical Engineering - Lake Bronson Watershed Phase II

Description	<p>The Kittson Soil and Water Conservation District (SWCD) District Manager and the Natural Resources Conservation Services (NRCS) will develop the plans and specifications for 100 acres of grass filter strips that will be installed in the Lake Bronson Watershed. Grass filter strips will be designed to NRCS specifications. The District Manager and NRCS will assist with seed plans for the approved areas. Approved applicants will sign their acreage at the Farm Service Agency (FSA) under the CCRP.</p> <p>These Clean Water Funds will also be used to increase the approved landowner(s) Soil Rental Rate to be competitive with current commodity prices. Once the grass filter strips are planted according to NRCS specifications, the additional Clean Water Funds will be paid in a one time single payment.</p> <p>Side Water Inlets (SWI), for those applicants who are interested, will be surveyed by the Kittson SWCD and or NRCS. A design will be down by Area NRCS Engineers or the Kittson SWCD District Manager. Checkout of any SWIs will be done by the Kittson SWCD District Manager and/or Area NRCS Engineers. All SWIs will be built and design according to NRCS specifications and guidelines. TAA documentation will be on file at the Kittson SWCD.</p> <p>Grass Filter Strips widths will be between 60 feet to 120 feet wide and contracts will be from 10 to 15 years long. 3 to 5 grass species will make up the seed mixes that will follow the NRCS 393 Grass Filter Strip standard. All grass will be native grasses and only of ecotypes native to the Kittson/Roseau County area. Applicants will submit their seed tags, bills, invoices, personal hours, etc. to the Kittson SWCD or Farm Service Agency to receive up to 90% cost share assistance.</p> <p>Applicants will follow the CCRP contract for maintenance of the area. They are allowed to spot clip weeds when necessary but are not allowed to harvest the areas.</p>		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	5-Apr-12	End Date	09-Nov-15
Has Rates and Hours?	No		
Actual Results	<p>As of 12/31/14, a total of 258.5 hours have been spent on this project since it has been approved. Majority of the work has been creating aerial maps/proposals for landowners along the eligible county ditches, ground truthing the area and 6 landowners/contracts have signed up for the project. The Kittson SWCD website has been kept up to date with information regarding the Clean Water Funds we have received. Landowners need first sign at FSA into a CCRP contract before signing one with the SWCD for Clean Water Funds.</p>		

Grant Activity - Carter Novacek CWF FY2012-04			
Description	This grass filter strip will reduce runoff and decrease movement of sediment, nutrients and bacteria by targeting, prioritizing and installing vegetative grass filter strip practice on State Ditch 95 - Lat. 1. This ditch is within the Lake Bronson and upland subwatersheds. Emphasis will be place on State Ditch 90, 91 and 95 which are subwatersheds within the Two Rivers Watershed District (TRWD).		
Category	AGRICULTURAL PRACTICES		
Start Date	1-Oct-14	End Date	18-Sep-15
Has Rates and Hours?	No		
Actual Results	9.59 acres of grass filter strip were established Spring 2015		

Activity Action - Carter Novacek CWF FY2012-04			
Practice	393 - Filter Strip	Count of Activities	1
Description	Area was seeded in 6/26/15		
Proposed Size / Units	9.59 AC	Lifespan	10 Years
Actual Size/Units	9.59 AC	Installed Date	26-Jun-15

Final Indicator for Carter Novacek CWF FY2012-04			
Indicator Name	SEDIMENT (TSS)	Value	454.8
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Lake Bronson		
Final Indicator for Carter Novacek CWF FY2012-04			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	505.4
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Lake Bronson		

Grant Activity - Carter Novacek CWF FY2012-06			
Description	This grass filter strip will reduce runoff and decrease movement of sediment, nutrients and bacteria by targeting, prioritizing and installing vegetative grass filter strip practice on State Ditch 95 - Lat. 1 - Branch 4. This ditch is within the Lake Bronson and upland subwatersheds. Emphasis will be place on State Ditch 90, 91 and 95 which are subwatersheds within the Two Rivers Watershed District (TRWD).		
Category	AGRICULTURAL PRACTICES		
Start Date	1-Oct-14	End Date	14-Aug-15
Has Rates and Hours?	No		
Actual Results	3.73 grass filter strip was seeded in spring 2015.		

Activity Action - Carter Novacek CWF FY2012-06			
Practice	393 - Filter Strip	Count of Activities	1
Description	Area was planted in spring 2015.		
Proposed Size / Units	3.73 AC	Lifespan	10 Years
Actual Size/Units	3.73 AC	Installed Date	26-Jun-15

Final Indicator for Carter Novacek CWF FY2012-06			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	130.3
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Lake Bronson		
Final Indicator for Carter Novacek CWF FY2012-06			
Indicator Name	SEDIMENT (TSS)	Value	123.3
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Lake Bronson		

#### Grant Activity - Donald Melby CWF FY2012-03 Grass Filter Strip

<b>Description</b>	This grass filter strip will reduce runoff and decrease movement of sediment, nutrients and bacteria by targeting, prioritizing and installing vegetative grass filter strip practice on State Ditch 95. This ditch is within the Lake Bronson and upland subwatersheds. Emphasis will be place on State Ditch 90, 91 and 95 which are subwatersheds within the Two Rivers Watershed District (TRWD).		
<b>Category</b>	AGRICULTURAL PRACTICES		
<b>Start Date</b>	1-Oct-13	<b>End Date</b>	11-Jul-14
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	<p>Area was planted in Spring 2014. This contract had FY 2012 Clean Water Funds (\$12,536.00) tied to this project. 9.6 acres of native grasses was established.</p> <p>Status review/site inspection completed after area was planted on 8/14/14. Area was planted into a clean tilled seedbed with the Kittson SWCD Brillion Seeder. Area looked ok for year 1.</p>		

#### Activity Action - Donald Melby CWF/CCRP Grass Filter Strip

<b>Practice</b>	393 - Filter Strip	<b>Count of Activities</b>	1
<b>Description</b>	Grass Filter Strip was planted in spring 2014.		
<b>Proposed Size / Units</b>	9.60 AC	<b>Lifespan</b>	15 Years
<b>Actual Size/Units</b>	9.60 AC	<b>Installed Date</b>	24-Jun-14

#### Final Indicator for Donald Melby CWF/CCRP Grass Filter Strip

<b>Indicator Name</b>	SEDIMENT (TSS)	<b>Value</b>	262
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	BWSR CALC (FILTER STRIP)
<b>Waterbody</b>	State Ditch 95		

#### Final Indicator for Donald Melby CWF/CCRP Grass Filter Strip

<b>Indicator Name</b>	PHOSPHORUS (EST. REDUCTION)	<b>Value</b>	226
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	<b>Calculation Tool</b>	BWSR CALC (FILTER STRIP)
<b>Waterbody</b>	State Ditch 95		



Grant Activity - Earl Feucht CWF FY 2012-11			
Description	This grass filter strip will reduce runoff and decrease movement of sediment, nutrients and bacteria by targeting, prioritizing and installing vegetative grass filter strip practice on a intermittent stream. This stream is within the Lake Bronson and upland subwatersheds. Emphasis will be place on State Ditch 90, 91 and 95 which are subwatersheds within the Two Rivers Watershed District (TRWD).		
Category	AGRICULTURAL PRACTICES		
Start Date	12-Jun-15	End Date	13-Aug-15
Has Rates and Hours?	No		
Actual Results	17.08 grass filter strip was seeded in Summer 2015.		

Activity Action - Earl Feucht CWF FY 2012-11 Grass Filter Strips			
Practice	393 - Filter Strip	Count of Activities	2
Description	Filter Strip Planted Summer 2015		
Proposed Size / Units	17.08 AC	Lifespan	15 Years
Actual Size/Units	17.08 AC	Installed Date	24-Jun-15

Final Indicator for Earl Feucht CWF FY 2012-11 Grass Filter Strips			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	274
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Intermittent Stream		

Final Indicator for Earl Feucht CWF FY 2012-11 Grass Filter Strips			
Indicator Name	SEDIMENT (TSS)	Value	290
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Intermittent Stream		

Grant Activity - Earl Feucht CWF FY2012-12			
Description	This grass filter strip will reduce runoff and decrease movement of sediment, nutrients and bacteria by targeting, prioritizing and installing vegetative grass filter strip practice on State Ditch 91 - Lat. 3. This ditch is within the Lake Bronson and upland subwatersheds. Emphasis will be place on State Ditch 90, 91 and 95 which are subwatersheds within the Two Rivers Watershed District (TRWD).		
Category	AGRICULTURAL PRACTICES		
Start Date	12-Jun-15	End Date	13-Aug-15
Has Rates and Hours?	No		
Actual Results	6.96 grass filter strip was seeded in Summer 2015.		

Activity Action - Earl Feucht CWF FY 2012-12 Grass Filter Strip			
Practice	393 - Filter Strip	Count of Activities	1
Description	Filter Strip Planted Summer 2015		
Proposed Size / Units	6.96 AC	Lifespan	15 Years
Actual Size/Units	6.96 AC	Installed Date	26-Jun-15

Final Indicator for Earl Feucht CWF FY 2012-12 Grass Filter Strip			
Indicator Name	SEDIMENT (TSS)	Value	232
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	State Ditch 91 - Lat. 3		
Final Indicator for Earl Feucht CWF FY 2012-12 Grass Filter Strip			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	214
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	State Ditch 91 - Lat. 3		

## Grant Activity - Glen Hendrickson CWF FY2012-02 Grass Filter Strip

<b>Description</b>	This grass filter strip will reduce runoff and decrease movement of sediment, nutrients and bacteria by targeting, prioritizing and installing vegetative grass filter strip practice on State Ditch 91 - Lat. 4. This ditch is within the Lake Bronson and upland subwatersheds. Emphasis will be place on State Ditch 90, 91 and 95 which are subwatersheds within the Two Rivers Watershed District (TRWD).		
<b>Category</b>	AGRICULTURAL PRACTICES		
<b>Start Date</b>	1-Oct-12	<b>End Date</b>	15-Sep-14
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	<p>Area was planted in Spring 2014. This contract had FY 2012 Clean Water Funds (\$10,115.00) tied to this project. 6.9 acres of native grasses was established.</p> <p>Status review/site inspection completed after area was planted on 8/14/14. Area was planted into an existing stand of alfalfa that was harvested and sprayed short. Area was seeded with a Truax drill. Area looked ok for year 1.</p>		

### Activity Action - Hendrickson Filter

<b>Practice</b>	393 - Filter Strip	<b>Count of Activities</b>	1
<b>Description</b>	Native Grass CCRP/CWF Grass Filter Strip will be established in spring 2014.		
<b>Proposed Size / Units</b>	6.90 AC	<b>Lifespan</b>	15 Years
<b>Actual Size/Units</b>	6.90 AC	<b>Installed Date</b>	15-Jul-14

### Final Indicator for Hendrickson Filter

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	368
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	State Ditch 91 - Lat. 4		
Final Indicator for Hendrickson Filter			
Indicator Name	SEDIMENT (TSS)	Value	208
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	State Ditch 91 - Lat. 4		

## Grant Activity - Kevin Williamson CWF FY2012-05

Description	This grass filter strip will reduce runoff and decrease movement of sediment, nutrients and bacteria by targeting, prioritizing and installing vegetative grass filter strip practice on State Ditch 91 - Lat. 3. This ditch is within the Lake Bronson and upland subwatersheds. Emphasis will be place on State Ditch 90, 91 and 95 which are subwatersheds within the Two Rivers Watershed District (TRWD).		
Category	AGRICULTURAL PRACTICES		
Start Date	1-Oct-13	End Date	15-Sep-14
Has Rates and Hours?	No		
Actual Results	<p>Area was planted in Spring 2014. This contract had FY 2012 Clean Water Funds (\$3,348.00) tied to this project. 3.4 acres of native grasses was established.</p> <p>Status review/site inspection completed after area was planted on 8/14/14. Area was planted with a Truax drill. Area looked ok for year 1.</p>		

### Activity Action - Kevin Williamson CWF/CCRP Grass Filter Strip

Practice	393 - Filter Strip	Count of Activities	1
Description	Area was planted in spring 2014.		
Proposed Size / Units	3.40 AC	Lifespan	15 Years
Actual Size/Units	3.40 AC	Installed Date	15-Jul-14

### Final Indicator for Kevin Williamson CWF/CCRP Grass Filter Strip

Indicator Name	SEDIMENT (TSS)	Value	217
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Stte Ditch 91 - Lat. 3		

### Final Indicator for Kevin Williamson CWF/CCRP Grass Filter Strip

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	211
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	State Ditch 91 - Lat. 3		

## Grant Activity - Mark Stephens CWF FY 2012-09

Description	This grass filter strip will reduce runoff and decrease movement of sediment, nutrients and bacteria by targeting, prioritizing and installing vegetative grass filter strip practice on State Ditch 91 - Lat. 9. This ditch is within the Lake Bronson and upland subwatersheds. Emphasis will be place on State Ditch 90, 91 and 95 which are subwatersheds within the Two Rivers Watershed District (TRWD).		
Category	AGRICULTURAL PRACTICES		
Start Date	12-Jun-15	End Date	19-Aug-15
Has Rates and Hours?	No		
Actual Results	1.88 acres of grass filter strip was seeded on 7/7/15.		

### Activity Action - Mark Stephens CWF FY2012-09 Grass Filter Strip

Practice	393 - Filter Strip	Count of Activities	1
Description	1.88 acres were planted on 7/7/2015		
Proposed Size / Units	1.88 AC	Lifespan	15 Years
Actual Size/Units	1.88 AC	Installed Date	7-Jul-15

### Final Indicator for Mark Stephens CWF FY2012-09 Grass Filter Strip

Indicator Name	SEDIMENT (TSS)	Value	22
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	State Ditch 91 - Lat. 9		

### Final Indicator for Mark Stephens CWF FY2012-09 Grass Filter Strip

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	16
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	State Ditch 91 - Lat. 9		

## Grant Activity - Mark Stephens CWF FY 2012-10

Description	This grass filter strip will reduce runoff and decrease movement of sediment, nutrients and bacteria by targeting, prioritizing and installing vegetative grass filter strip practice on State Ditch 91 - Lat. 8. This ditch is within the Lake Bronson and upland subwatersheds. Emphasis will be place on State Ditch 90, 91 and 95 which are subwatersheds within the Two Rivers Watershed District (TRWD).		
Category	AGRICULTURAL PRACTICES		
Start Date	12-Jun-15	End Date	19-Aug-15
Has Rates and Hours?	No		
Actual Results	7.55 acres of grass filter strip was seeded/planted in on July 7th, 2015		

### Activity Action - Mark Stephens CWF FY 2012-10 Grass Filter Strip

Practice	393 - Filter Strip	Count of Activities	1
Description	7.55 acres of Grass Filter strip was seeded on 7/7/2015		
Proposed Size / Units	7.55 AC	Lifespan	15 Years
Actual Size/Units	7.55 AC	Installed Date	7-Jul-15

### Final Indicator for Mark Stephens CWF FY 2012-10 Grass Filter Strip

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	215
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	State Ditch 91 - Lat. 8		

### Final Indicator for Mark Stephens CWF FY 2012-10 Grass Filter Strip

Indicator Name	SEDIMENT (TSS)	Value	236
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	State Ditch 91 - Lat. 8		

**Grant Activity - Mark Stephens CWF FY2012-07**

Description	This grass filter strip will reduce runoff and decrease movement of sediment, nutrients and bacteria by targeting, prioritizing and installing vegetative grass filter strip practice on State Ditch 91 - Lat. 8. This ditch is within the Lake Bronson and upland subwatersheds. Emphasis will be place on State Ditch 90, 91 and 95 which are subwatersheds within the Two Rivers Watershed District (TRWD).		
Category	AGRICULTURAL PRACTICES		
Start Date	12-Jun-15	End Date	19-Aug-15
Has Rates and Hours?	No		
Actual Results	11.0 acres of grass filter strip was seeded/planted on July 7th 2015		

**Activity Action - Mark Stephens CWF FY2012-07 Grass Filter Strip**

Practice	393 - Filter Strip	Count of Activities	1
Description	11 acres of Grass Filter Strips were seeded on 7/7/2015		
Proposed Size / Units	11.00 AC	Lifespan	15 Years
Actual Size/Units	11.00 AC	Installed Date	7-Jul-15

**Final Indicator for Mark Stephens CWF FY2012-07 Grass Filter Strip**

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	221
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	State Ditch 91 - Lat. 8		

**Final Indicator for Mark Stephens CWF FY2012-07 Grass Filter Strip**

Indicator Name	SEDIMENT (TSS)	Value	245
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	State Ditch 91 - Lat. 8		

## Grant Activity - Randy Dvergsten CWF FY2011-13 & CWF FY2012-01 Grass Filter Strip

Description	This grass filter strip will reduce runoff and decrease movement of sediment, nutrients and bacteria by targeting, prioritizing and installing vegetative practices within Lake Bronson and upland subwatersheds. Emphasis will be placed on State Ditch 90, 91 and 95 which are subwatersheds within the Two Rivers Watershed District (TRWD).		
Category	AGRICULTURAL PRACTICES		
Start Date	1-Oct-12	End Date	08-Aug-13
Has Rates and Hours?	No		
Actual Results	<p>Area was planted in Spring 2013. This contract had both FY 2011 Clean Water Funds (\$11,869.00) and FY 2012 Clean Water Funds (\$1,908.00) tied to this project. 8.8 acres of native grasses was established.</p> <p>Status review/site inspection completed after area was planted on 7/8/13 and 8/14/14. Area looks very good.</p>		

Activity Action - Legacy Migrated Data			
Practice	393 - Filter Strip	Count of Activities	1
Description	Native Grass CCRP/CWF Grass Filter Strip was established in spring 2013.		
Proposed Size / Units	8.80 AC	Lifespan	15 Years
Actual Size/Units	8.80 AC	Installed Date	15-Jul-13

### Final Indicator for Legacy Migrated Data

Indicator Name	SOIL (EST. SAVINGS)	Value	256
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Intermittent/Perennial Stream		

### Final Indicator for Legacy Migrated Data

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	224
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Intermittent/Perennial Stream		

## Grant Attachments

Document Name	Document Type	Description
2012- Clean Water Assistance Kittson (SWCD)	Grant	2012 - Clean Water Assistance - Kittson (SWCD)



Document Name	Document Type	Description
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 11/20/2015
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 03/17/2014
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/13/2015
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 03/20/2015
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 03/30/2015
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 08/21/2015
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/29/2014
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 02/18/2014
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 11/20/2015
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 08/21/2015
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 08/21/2015
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 11/20/2015
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 11/20/2015
<b>Amendment</b>	Grant	2012 - Clean Water Assistance - Kittson (SWCD)
<b>Amendment</b>	Grant	2012 - Clean Water Assistance - Kittson (SWCD)
<b>Extension/WP Revision Request</b>	Grant	2012 - Clean Water Assistance - Kittson (SWCD)
<b>Finacial Report Lake Bronson C12-32</b>	Grant	2012 - Clean Water Assistance - Kittson (SWCD)
<b>Interim Report w/payment</b>	Progress	Progress Dated - 11/20/2015
<b>grant_app_general-added.rpt</b>	Grant	2012 - Clean Water Assistance - Kittson (SWCD)
<b>grant_app_general-added.rpt</b>	Grant	2012 - Clean Water Assistance - Kittson (SWCD)
<b>grant_app_general.rpt</b>	Grant	2012 - Clean Water Assistance - Kittson (SWCD)
<b>grant_app_general.rpt</b>	Grant	2012 - Clean Water Assistance - Kittson (SWCD)