

Grant All-Detail Report 2012 - Clean Water Assistance

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

Grant ID - C13-3759

Organization - Kittson SWCD

| Grant Awarded Amount | \$175,000.00 | Grant Execution Date | |
|-----------------------------|--------------|--------------------------|---------------|
| Required Match Amount | \$43,750.00 | Grant End Date | 1/1/2020 |
| Required Match % | 25% | Grant Day To Day Contact | 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 |
| Total | \$330,205.00 | \$214,430.51 | \$115,774.49 |

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

Budget Details

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

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| Activity Name | Activity Category | Source Type | Source Description | Budgeted | Spent | Last Transaction Date | Matching Fund |
|--|---|------------------------|--|-------------|-------------|-----------------------------|------------------|
| 2012 CWF Technical Engineering - Red River Watershed | Technical/Engi neering 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 | | | Υ |
| 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 | | | Υ |
| 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 | Υ |
| CWF Technical Engineering - Lake Bronson Watershed Phase II | Technical/Engi neering Assistance | Local Fund | 2012 KSWCD Fund - Lake Bronson Watershed Phase II | \$10,000.00 | \$10,000.00 | 12/31/2014 | Υ |
| 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 | Υ |
| Carter Novacek CWF FY2012-04 | Agricultural Practices | Landowner Fund | 2012 Landowner Fund-Lake Bronson Watershed Phase II | \$959.00 | \$959.00 | 9/18/2015 | Υ |
| 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 | Υ |
| Carter Novacek CWF FY2012-06 | Agricultural Practices | Landowner Fund | 2012 Landowner Fund- Lake Bronson Watershed Phase II | \$373.00 | \$373.00 | 9/18/2015 | Υ |
| 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 | Υ |

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| | A 101 10 | | | | | Last Transaction | Matching |
|----------------------------------|----------------------|-------------|---------------------------------|-------------|-------------|---------------------|----------|
| Activity Name | Activity Category | Source Type | Source Description | Budgeted | Spent | Date | Fund |
| Donald Melby CWF FY2012-03 Grass | Agricultural | Local Fund | 2012 Landowner Fund - Lake | \$9,064.00 | \$960.00 | 7/11/2014 | Υ |
| Filter Strip | Practices | | Bronson Watershed Phase II | | | | |
| Earl Feucht CWF FY 2012-11 | Agricultural | Current | 2012 - Clean Water Assistance - | \$21,990.00 | \$21,990.00 | 8/13/2015 | N |
| | Practices | State Grant | Kittson (SWCD) | | | | |
| Earl Feucht CWF FY 2012-11 | Agricultural | Federal | CCRP | \$14,902.00 | \$14,902.00 | 9/18/2015 | Υ |
| | Practices | Funds | | | | | |
| Earl Feucht CWF FY 2012-11 | Agricultural | Landowner | 2012 Landowner Fund- Lake | \$2,460.00 | \$2,460.00 | 9/18/2015 | Υ |
| | Practices | Fund | Bronson Watershed Phase II | | | | |
| Earl Feucht CWF FY2012-12 | Agricultural | Current | 2012 - Clean Water Assistance - | \$7,903.00 | \$7,903.00 | 9/18/2015 | N |
| | Practices | State Grant | Kittson (SWCD) | | | | |
| Earl Feucht CWF FY2012-12 | Agricultural | Federal | CCRP | \$7,130.00 | \$7,130.00 | 8/13/2015 | Υ |
| | Practices | Funds | | | | | |
| Earl Feucht CWF FY2012-12 | Agricultural | Landowner | 2012 Landowner Fund- Lake | \$1,002.00 | \$1,002.00 | 9/18/2015 | Υ |
| | Practices | Fund | Brsonson Watershed Phase II | | | | |
| Earl Feucht CWF FY2012-12 | Agricultural | Other Funds | 2013 - Clean Water Assistance | \$181.00 | | | N |
| | Practices | | Grant - Kittson (SWCD) | | | | |
| Glen Hendrickson CWF FY2012-02 | Agricultural | Current | 2012 - Clean Water Assistance - | \$10,115.00 | \$10,115.00 | 9/15/2014 | N |
| Grass Filter Strip | Practices | State Grant | Kittson (SWCD) | | | | |
| Glen Hendrickson CWF FY2012-02 | Agricultural | Federal | CCRP | \$5,410.00 | \$5,410.00 | 9/15/2014 | Υ |
| Grass Filter Strip | Practices | Funds | | | | | |
| Glen Hendrickson CWF FY2012-02 | Agricultural | Local Fund | 2012 Landowner Fund - Lake | \$5,410.00 | \$690.00 | 9/15/2014 | Υ |
| Grass Filter Strip | Practices | | Bronson Watershed Phase II | | | | |
| Kevin Williamson CWF FY2012-05 | Agricultural | Current | 2012 - Clean Water Assistance - | \$4,302.00 | \$4,302.00 | 9/15/2014 | N |
| | Practices | State Grant | Kittson (SWCD) | | | | |
| Kevin Williamson CWF FY2012-05 | Agricultural | Federal | CCRP | \$3,348.00 | \$3,348.00 | 9/15/2014 | Υ |
| | Practices | Funds | | | | | |
| Kevin Williamson CWF FY2012-05 | Agricultural | Local Fund | 2012 Landowner Fund - Lake | \$3,348.00 | \$340.00 | 9/15/2014 | Υ |
| | Practices | | Bronson Watershed Phase II | | | | |
| Mark Stephens CWF FY 2012-09 | Agricultural | Current | 2012 - Clean Water Assistance - | \$2,163.00 | \$2,163.00 | 8/19/2015 | N |
| | Practices | State Grant | Kittson (SWCD) | | | | |
| Mark Stephens CWF FY 2012-09 | Agricultural | Federal | CCRP | \$1,898.00 | \$1,898.00 | 7/7/2015 | Υ |
| | Practices | Funds | | | | | |
| Mark Stephens CWF FY 2012-09 | Agricultural | Landowner | 2012 Landowner Fund-Lake | \$271.00 | \$271.00 | 8/19/2015 | Υ |
| | Practices | Fund | Bronson Watershed Phase II | | | | |

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| | Activity | | | | | Last Transaction | Matching |
|--|---------------------------|------------------------|---|-------------|-------------|---------------------|----------|
| Activity Name | Category | Source Type | Source Description | Budgeted | Spent | Date | 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 | Υ |
| 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 | Υ |
| 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 | Υ |
| 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 | Υ |
| 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 | Υ |

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 |

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| 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 |
|---------------|-------------------|----------------|-----------|------------------|----------|
| Activity Name | Illuicatoi Naille | value & Ullits | waterbouy | Calculation 1001 | Comments |

Final Indicators Summary

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

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Grant Activity

| Grant Activity - 2012 CWF Admir | ı - 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 www.kittsonswcd.org. 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 contribtuions from the Two Rivers Watershed District (TRWD), Joe River Watershed District (JRWD), Farm Service Agency (FSA), Natrual 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 | As of 3/21/15, a total of 49.5 hours have been been creating aerial maps/proposals for landown kept up to date with information regarding the current land rent and crop commodities, no necontract berfore signing one with the SWCD for As of 11/13/15, The Kittson SWCD requested a landowners in this project area due to high land and 22 subwatersheds where they believe the | ewners along the eligible county ditches. The Clean Water Funds we have received. Down participants have signed up. Landown or Clean Water Funds. The extension on this practice because the and values. The requested targeted area of | The Kittson SWCD website has been Due to lack of a Farm Bill, at times, ers need first sign at FSA into a CCRP | |

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| Grant Activity - 2012 CWF Proj | ect Development - Red River Watershed |
|--------------------------------|---|
| Description | 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. |
| | 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. |
| | 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. |
| | 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. |
| | 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. |
| Category | PROJECT DEVELOPMENT |
| Start Date | 5-Apr-12 End Date |
| Has Rates and Hours? | No 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. |

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| Grant Activity - 2012 CWF Techr | nical Engineering - Red River Watershed | | | | |
|---------------------------------|--|--|--|--|--|
| Description | 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. | | | | |
| | 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 iwll be paid in a one time single payment. | | | | |
| | 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. | | | | |
| | 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. | | | | |
| | 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. | | | | |
| Category | TECHNICAL/ENGINEERING ASSISTANCE | | | | |
| Start Date | 5-Apr-12 End Date | | | | |
| Has Rates and Hours? | No | | | | |
| Actual Results | 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 | | | | |

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| 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 | As of 12/31/14, a total of 70 hours have been creating aerial maps/proposals for landowners to date with information regarding the Clean Verental rates in the area is still very high, no new contract berfore signing one with the SWCD for As of 11/13/15, The Kittson SWCD requested a landowners in this project area due to high lar and 22 subwatersheds where they believe the | s along the eligible county ditches. The Kin Water Funds we have received. Due to lack who participants have signed up. Landowne or Clean Water Funds. In extension on this practice because the reduced targeted area of the same was also as a same was a | ettson SWCD website has been kept up ck of a Farm Bill (at times) and current rs need first sign at FSA into a CCRP | |

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| 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 | As of 2/1/14, 6 landowners/contracts have sig landowners/contracts have been planted for 2 planted in spring 2015. As of 11/13/2015, 7 landowners/11 contracts seeded for a total of 86.49 acres. | 28.7 acres. The remaining 2 landowners/c | contracts for 13.32 acres will be | | | |

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| 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 www.nwmnswcd.org. 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 | As of 6/14/15, a total of 341 hours have been creating aerial maps/proposals for landowner have signed up for the project. The Kittson SV Water Funds we have received. Landowners for Clean Water Funds. As of 11/13/15- 371.5 hours have been spent aerial maps/proposals for landowners along the signed up for the project. | on the administration of the Project. Majo | I truthing the area and 6 landowners the information regarding the Clean the berfore signing one with the SWCD ority of the work has been creating | | |

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| Grant Activity - CWF Project | Development - Lake Bronson Watershed Phase II | | | | | | |
|------------------------------|--|--|---|--|--|--|--|
| Description | The Kittson Soil and Water Conservation Distriction the installation of 100 acres of grass filter strips | | : Technician will work together to plan | | | | |
| | Manager has already sent out letters informing | 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. | | | | | |
| | The Kittson SWCD will work with the Continuous Conservation Reserve Program (CCRP), Farm Service Agency (FSA), Na 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. | | | | | | |
| | 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. 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. | | | | | | |
| Category | PROJECT DEVELOPMENT | | | | | | |
| Start Date | 5-Apr-12 | End Date | 09-Nov-15 | | | | |
| Has Rates and Hours? | No | | | | | | |
| Actual Results | As of 12/31/14, a total of 6 landowners/contract Landowners need first sign at FSA into a CCRP of | contract berfore signing one with the S | | | | | |
| | Received match money from Two River Waters | Received match money from Two River Watershed District for Project Development on 11/9/15. | | | | | |

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| Grant Activity - CWF Technical E | ngineering - Lake Bronson Watershed Phase II | | |
|----------------------------------|---|---|--|
| Description | The Kittson Soil and Water Conservation Distriction (NRCS) will develop the plans and specification Watershed. Grass filter strips will be designed plans for the approved areas. Approved applied These Clean Water Funds will also be used to current commodity prices. Once the grass filter Water Funds will be paid in a one time single. Side Water Inlets (SWI), for those applicants will be down by Area NRCS Engineers or the Kittson SWCD District Manager and/or Area Naspecifications and guidelines. TAA documental Grass Filter Strips widths will be between 60 ff species will make up the seed mixes that will and only of ecotypes native to the Kittson/Roi hours, etc. to the Kittson SWCD or Farm Service. Applicants will follow the CCRP contract for mobut are not allowed to harvest the areas. | ns for 100 acres of grass filter strips that we do to NRCS specifications. The District Marticants will sign their acreage at the Farm Strice increase the approved landowner(s) Soil for strips are planted according to NRCS spayment. Who are interested, will be surveyed by the sittson SWCD District Manager. Checkout IRCS Engineers. All SWIs will be built and action will be on file at the Kittson SWCD. Seet to 120 feet wide and contracts will be follow the NRCS 393 Grass Filter Strip star seau County area. Applicants will submit see Agency to receive up to 90% cost share | will be installed in the Lake Bronson hager and NRCS will assist with seed Service Agency (FSA) under the CCRP. Rental Rate to be competitive with pecifications, the additional Clean e Kittson SWCD and or NRCS. A design of any SWIs will be done by the design according to NRCS e from 10 to 15 years long. 3 to 5 grass andard. All grass will be native grasses their seed tags, bills, invoices, personal e assistance. |
| Category | TECHNICAL/ENGINEERING ASSISTANCE | | |
| Start Date | 5-Apr-12 | End Date | 09-Nov-15 |
| Has Rates and Hours? | No | | |
| Actual Results | As of 12/31/14, a total of 258.5 hours have be been creating aerial maps/proposals for lando landowners/contracts have signed up for the regarding the Clean Water Funds we have recone with the SWCD for Clean Water Funds. | owners along the eligible county ditches, a project. The Kittson SWCD website has b | ground truthing the area and 6 een kept up to date with information |

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| Grant Activity - Carter Novacek CWF FY2012-04 | | | | | | | |
|---|--|--|--|--|--|--|--|
| Description | and installing vegetative subwatersheds. Emphasi | 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 PRACTICE | ES | | | | | |
| Start Date | 1-Oct-14 | 1-Oct-14 End Date 18-Sep-15 | | | | | |
| Has Rates and Hours? | No | No | | | | | |
| Actual Results | 9.59 acres of grass filter s | 9.59 acres of grass filter strip were established Spring 2015 | | | | | |

| | Activity Action - Carter Novacek CWF FY2012-04 | | | | | | |
|--|---|----------------------|--|-----------|---------------------|------|------------------------|
| | Practice | | 393 - Filter Strip | Count o | Count of Activities | | 1 |
| | Description | | Area was seeded in 6/26/15 | | | | |
| | Proposed Size | / Units | 9.59 AC | Lifespan | | | 10 Years |
| | Actual Size/U | nits | 9.59 AC | Installed | l Date | | 26-Jun-15 |
| Final Indicator for Carter Novacek CWF FY2012-04 | | | | | | | |
| Indicator Name | | SEDIMEN [*] | T (TSS) | | Value | 454. | 8 |
| Indicator Subcate | gory/Units | WATER PO | OLLUTION (REDUCTION ESTIMATES) TO | ONS/YR | Calculation Tool | BWS | SR CALC (FILTER STRIP) |
| Waterbody | | Lake Bron | ison | | | | |
| Final Indicator for | Carter Novacek | CWF FY201 | 12-04 | | | | |
| Indicator Name | or Name PHOSPHORUS (EST. REDUCTION) Value 505.4 | | | | 4 | | |
| Indicator Subcate | gory/Units | WATER PO | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR | | Calculation Tool | BWS | SR CALC (FILTER STRIP) |
| Waterbody | | Lake Bron | nson | | | | |

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| Grant Activity - Carter Novacek CWF FY2012-06 | | | | | | | |
|---|---|---|--|--|--|--|--|
| Description | and installing vegetative and upland subwatershed | 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 PRACTICE | ES . | | | | | |
| Start Date | 1-Oct-14 | 1-Oct-14 End Date 14-Aug-15 | | | | | |
| Has Rates and Hours? | No | No | | | | | |
| Actual Results | 3.73 grass filter strip was | 3.73 grass filter strip was seeded in spring 2015. | | | | | |

| Activity Action - Carter Novacek CWF FY2012-06 | | | | | |
|--|------------------------------------|---|--|--|--|
| Count of | f Activities | | 1 | | |
| | | | | | |
| Lifespan | | | 10 Years | | |
| Installed | l Date | | 26-Jun-15 | | |
| | | | | | |
| RUS (EST. REDUCTION) | | 130.3 | 3 | | |
| S) LBS/YR | Calculation Tool | BWS | R CALC (FILTER STRIP) | | |
| | | | | | |
| | | | | | |
| SEDIMENT (TSS) Value 123.3 | | | 3 | | |
| S) TONS/YR | Calculation Tool | BWS | R CALC (FILTER STRIP) | | |
| | | | | | |
| | Lifespan Installed S) LBS/YR | Installed Date Value S) LBS/YR Calculation Tool Value | Lifespan Installed Date Value 130. S) LBS/YR Calculation Tool BWS Value 123. | | |

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| Grant Activity - Donald Mel | by CWF FY2012-03 Grass Filter Strip | | | | | |
|-----------------------------|--|---|---|--|--|--|
| Description | and installing vegetative gras | 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). | | | | |
| Category | AGRICULTURAL PRACTICES | | | | | |
| Start Date | 1-Oct-13 | End Date | 11-Jul-14 | | | |
| Has Rates and Hours? | No | | | | | |
| Actual Results | native grasses was establishe Status review/site inspection | d. | ter Funds (\$12,536.00) tied to this project. 9.6 acres of 4/14. Area was planted into a clean tilled seedbed | | | |

| | Activity Action - Donald Melby CWF/CCRP Grass Filter Strip | | | | | | |
|--|--|----------------------|---|-----------|---------------------|-----|------------------------|
| | Practice | | 393 - Filter Strip | Count o | Count of Activities | | 1 |
| | Description | | Grass Filter Strip was planted in sprin | g 2014. | | | |
| | Proposed Size | / Units | 9.60 AC | Lifespan | | | 15 Years |
| | Actual Size/U | nits | 9.60 AC | Installed | l Date | | 24-Jun-14 |
| Final Indicator for Donald Melby CWF/CCRP Grass Filter Strip | | | | | | | |
| Indicator Name | | SEDIMEN [*] | T (TSS) | | Value | 262 | |
| Indicator Subcates | gory/Units | WATER PO | OLLUTION (REDUCTION ESTIMATES) TO | NS/YR | Calculation Tool | BWS | SR CALC (FILTER STRIP) |
| Waterbody | | State Ditc | h 95 | | | | |
| Final Indicator for | Donald Melby C | CWF/CCRP (| Grass Filter Strip | | | | |
| Indicator Name | PHOSPHORUS (EST. REDUCTION) Value 226 | | | | | | |
| Indicator Subcates | gory/Units | WATER PO | ER POLLUTION (REDUCTION ESTIMATES) LBS/YR | | Calculation Tool | BWS | SR CALC (FILTER STRIP) |
| Waterbody | | State Ditc | h 95 | | | | |

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| 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 | 12-Jun-15 End Date 13-Aug-15 | | | | | | |
| Has Rates and Hours? | No | 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 | l de la companya de | | 15 Years |
| | Actual Size/U | nits | 17.08 AC | Installed | Date | | 24-Jun-15 |
| Final Indicator for Earl Feucht CWF FY 2012-11 Grass Filter Strips | | | | | | | |
| Indicator Name | Indicator Name PHOSPHO | | RUS (EST. REDUCTION) | | Value | 274 | |
| Indicator Subcates | gory/Units | WATER PO | OLLUTION (REDUCTION ESTIMATES) LE | LUTION (REDUCTION ESTIMATES) LBS/YR Calculation Tool BWSR CALC (FILTER S | | R CALC (FILTER STRIP) | |
| Waterbody | | Intermitte | ent Stream | | | | |
| Final Indicator for | Earl Feucht CW | F FY 2012-1 | 1 Grass Filter Strips | | | | |
| Indicator Name | | SEDIMEN [*] | T (TSS) | | Value | 290 | |
| Indicator Subcate | Indicator Subcategory/Units WATER P | | OLLUTION (REDUCTION ESTIMATES) TO | ONS/YR | Calculation Tool | BWS | R CALC (STREAM & DITCH |
| | | | | | STAB | SILIZATION) | |
| Waterbody | Waterbody Intermittent Stream | | | | | | |

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| 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 | 12-Jun-15 End Date 13-Aug-15 | | | | | | |
| Has Rates and Hours? | No | | | | | | | |
| Actual Results | 6.96 grass filter strip was seeded | 6.96 grass filter strip was seeded in Summer 2015. | | | | | | |

| | Activity Action | Activity Action - Earl Feucht CWF FY 2012-12 Grass Filter Strip | | | | | | |
|---|--|---|--|------------------|---|-----------------------|-----------|--|
| | Practice | | 393 - Filter Strip | Count o | f Activities | | 1 | |
| | Description | | Filter Strip Planted Summer 2015 | | | | | |
| | Proposed Size / Units | | 6.96 AC | Lifespan | l de la companya de | | 15 Years | |
| | Actual Size/Units | | 6.96 AC | Installed | l Date | | 26-Jun-15 | |
| Final Indicator for Earl Feucht CWF FY 2012-12 Grass Filter Strip | | | | | | | | |
| Indicator Name | | SEDIMEN | T (TSS) | | Value | 232 | | |
| Indicator Subcates | gory/Units | WATER PO | LLUTION (REDUCTION ESTIMATES) TONS/YR Calculation Tool BWSR CALC (FILTER | | R CALC (FILTER STRIP) | | | |
| Waterbody | | State Ditc | h 91 - Lat. 3 | | | | | |
| Final Indicator for | Earl Feucht CWF | FY 2012-1 | 2 Grass Filter Strip | | | | | |
| Indicator Name | ame PHOSPHORUS (EST. REDUCTION) Value 214 | | | | | | | |
| Indicator Subcate | ndicator Subcategory/Units WATER POLLUTION (REDUCTION ESTIMATES) LBS/Y | | S/YR | Calculation Tool | BWS | R CALC (FILTER STRIP) | | |
| Waterbody | | State Ditc | h 91 - Lat. 3 | | | | | |

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| Grant Activity - Glen Hendrickson CWF FY2012-02 Grass Filter Strip | | | | | | | |
|--|--------------------------------------|--|--|--|--|--|--|
| Description | and installing vegetative grass filt | 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). | | | | | |
| Category | AGRICULTURAL PRACTICES | | | | | | |
| Start Date | 1-Oct-12 | End Date | 15-Sep-14 | | | | |
| Has Rates and Hours? | No | <u> </u> | | | | | |
| Actual Results | native grasses was established. | | er Funds (\$10,115.00) tied to this project. 6.9 acres of 1/14. Area was planted into an existing stand of alfalfa | | | | |
| | that was harvested and sprayed s | short. Area was seeded with a Truax d | rill. Area looked ok for year 1. | | | | |

| | Practice | | 393 - Filter Strip | Count of | 93 - Filter Strip Count of Activities 1 | | 1 |
|--|---|------------|--|--|---|-----------------------|-----------|
| | Description | | Native Grass CCRP/CWF Grass Filter Strip will be established in spring 2014. | | | | |
| | Proposed Size | / Units | 6.90 AC | Lifespan | | | 15 Years |
| | Actual Size/U | nits | 6.90 AC | Installed | Date | | 15-Jul-14 |
| Final Indicator for Hendrickson Filter | | | | | | | |
| Indicator Name | Indicator Name PHOSPHO | | RUS (EST. REDUCTION) | US (EST. REDUCTION) | | 368 | |
| Indicator Subcateg | gory/Units | WATER PO | OLLUTION (REDUCTION ESTIMATES) LB | LUTION (REDUCTION ESTIMATES) LBS/YR Calculation Tool BWSR CALC (FILTER | | R CALC (FILTER STRIP) | |
| Waterbody | | State Ditc | h 91 - Lat. 4 | | | | |
| Final Indicator for | Hendrickson Fil | ter | | | | | |
| Indicator Name SEDIMENT (TSS) | | | Value | 208 | | | |
| Indicator Subcateg | Indicator Subcategory/Units WATER POLLUTION (REDUCTION ESTIMATES) TON | | ONS/YR | Calculation Tool | BWS | R CALC (FILTER STRIP) | |
| Waterbody | | State Ditc | h 91 - Lat. 4 | | | | |

Activity Action - Hendrickson Filter

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| 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 | Area was planted in Spring 2014. This contract native grasses was established. Status review/site inspection completed after ok for year 1. | | | | | | |

| | Practice | | 393 - Filter Strip | Count of Activities | | 1 | | |
|--|--|------------|---------------------------------------|----------------------------------|-----------------------|-----------------------|-----------|--|
| | Description | | Area was planted in spring 2014. | Area was planted in spring 2014. | | | | |
| | Proposed Size | / Units | 3.40 AC | Lifespan | | | 15 Years | |
| | Actual Size/U | nits | 3.40 AC | Installed | Date | | 15-Jul-14 | |
| Final Indicator for Kevin Williamson CWF/CCRP Grass Filter Strip | | | | | | | | |
| Indicator Name | Indicator Name SEDIMEN | | T (TSS) | TSS) Value | | 217 | | |
| Indicator Subcateg | gory/Units | WATER PO | LLUTION (REDUCTION ESTIMATES) TONS/YR | | R CALC (FILTER STRIP) | | | |
| Waterbody | | Stte Ditch | 91 - Lat. 3 | | | | | |
| Final Indicator for | Kevin Williamso | on CWF/CC | RP Grass Filter Strip | | | | | |
| Indicator Name PHOSPHORUS (EST. REDUCTION) | | | Value | 211 | | | | |
| Indicator Subcateg | Indicator Subcategory/Units WATER POLLUTION (REDUCTION ESTIMATES) LBS/ | | S/YR | Calculation Tool | BWS | R CALC (FILTER STRIP) | | |
| Waterbody State Ditch 91 - Lat. 3 | | | | | | | | |

Activity Action - Kevin Williamson CWF/CCRP Grass Filter Strip

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| Grant Activity - Mark Stephens CWF FY 2012-09 | | | | | | | | |
|--|-------------------------------|--|----|----------|--|--|--|--|
| 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 PRACTICE | S | | | | | | |
| Start Date | 12-Jun-15 | End Date | 19 | 9-Aug-15 | | | | |
| Has Rates and Hours? | No | No | | | | | | |
| Actual Results | 1.88 acres of grass filter st | 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 | 38 acres were planted on 7/7/2015 | | | | |
| | Proposed Size | / Units | 1.88 AC | Lifespan | | | 15 Years | |
| | Actual Size/Units | | 1.88 AC | Installed | d Date | | 7-Jul-15 | |
| Final Indicator for | Final Indicator for Mark Stephens CWF FY2012-09 Grass Filter Strip | | | | | | | |
| Indicator Name | | SEDIMEN' | (TSS) | | Value | 22 | | |
| Indicator Subcate | gory/Units | WATER PO | OLLUTION (REDUCTION ESTIMATES) TONS/YR | | Calculation Tool | BWS | SR CALC (FILTER STRIP) | |
| Waterbody | | State Ditc | h 91 - Lat. 9 | | | | | |
| Final Indicator for | Mark Stephens | CWF FY201 | L2-09 Grass Filter Strip | | | | | |
| Indicator Name | | PHOSPHO | RUS (EST. REDUCTION) | | Value | 16 | | |
| Indicator Subcate | Indicator Subcategory/Units WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR | | S/YR | Calculation Tool | BWS | SR CALC (FILTER STRIP) | | |
| Waterbody | | State Ditc | h 91 - Lat. 9 | | | | | |

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| Grant Activity - Mark Stephens CWF FY 2012-10 | | | | | | | | |
|--|------------------------------|--|--|--|--|--|--|--|
| 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 PRACTICE | :S | | | | | | |
| Start Date | 12-Jun-15 | 12-Jun-15 End Date 19-Aug-15 | | | | | | |
| Has Rates and Hours? | No | No | | | | | | |
| Actual Results | 7.55 acres of grass filter s | 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 s | 7.55 acres of Grass Filter strip was seeded on 7/7/2015 | | | | |
| Proposed Size | / Units | 7.55 AC | Lifespar | 1 | | 15 Years | |
| Actual Size/Ur | nits | 7.55 AC | Installe | d Date | | 7-Jul-15 | |
| Final Indicator for Mark Stephens CWF FY 2012-10 Grass Filter Strip | | | | | | | |
| | PHOSPHO | RUS (EST. REDUCTION) | | Value | 215 | | |
| ory/Units | WATER PO | LLUTION (REDUCTION ESTIMATES) LBS/YR Calculation Tool | | BWS | R CALC (FILTER STRIP) | | |
| | State Ditc | h 91 - Lat. 8 | | | | | |
| Mark Stephens | CWF FY 20 | 12-10 Grass Filter Strip | | | | | |
| | SEDIMEN [*] | T (TSS) | | Value | 236 | | |
| Indicator Subcategory/Units WATER POLLUTION (REDUCTION ESTIMATES) TON | | ONS/YR | Calculation Tool | BWS | R CALC (FILTER STRIP) | | |
| | State Ditc | h 91 - Lat. 8 | | | | | |
| | Practice Description Proposed Size Actual Size/Units Ory/Units Mark Stephens Mark Stephens | Practice Description Proposed Size / Units Actual Size/Units Mark Stephens CWF FY 20 PHOSPHO ory/Units WATER Po State Dito Mark Stephens CWF FY 20 SEDIMEN ory/Units WATER Po | Practice Description 7.55 acres of Grass Filter strip was so Proposed Size / Units 7.55 AC Actual Size/Units 7.55 AC Mark Stephens CWF FY 2012-10 Grass Filter Strip PHOSPHORUS (EST. REDUCTION) Ory/Units WATER POLLUTION (REDUCTION ESTIMATES) L State Ditch 91 - Lat. 8 Mark Stephens CWF FY 2012-10 Grass Filter Strip SEDIMENT (TSS) | Practice 393 - Filter Strip Count of Toposed Size / Units 7.55 acres of Grass Filter strip was seeded on Toposed Size / Units 7.55 AC Lifespar Actual Size/Units 7.55 AC Installed Mark Stephens CWF FY 2012-10 Grass Filter Strip PHOSPHORUS (EST. REDUCTION) Ory/Units WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR State Ditch 91 - Lat. 8 Mark Stephens CWF FY 2012-10 Grass Filter Strip SEDIMENT (TSS) Ory/Units WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Practice 393 - Filter Strip Count of Activities Description 7.55 acres of Grass Filter strip was seeded on 7/7/2015 Proposed Size / Units 7.55 AC Lifespan Actual Size/Units 7.55 AC Installed Date Mark Stephens CWF FY 2012-10 Grass Filter Strip PHOSPHORUS (EST. REDUCTION) Value ory/Units WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR Calculation Tool State Ditch 91 - Lat. 8 Mark Stephens CWF FY 2012-10 Grass Filter Strip SEDIMENT (TSS) Value ory/Units WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR Calculation Tool | Practice 393 - Filter Strip Count of Activities Description 7.55 acres of Grass Filter strip was seeded on 7/7/2015 Proposed Size / Units 7.55 AC Lifespan Actual Size/Units 7.55 AC Installed Date Mark Stephens CWF FY 2012-10 Grass Filter Strip PHOSPHORUS (EST. REDUCTION) Value 215 Ory/Units WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR Calculation Tool BWS State Ditch 91 - Lat. 8 Mark Stephens CWF FY 2012-10 Grass Filter Strip SEDIMENT (TSS) Value 236 Ory/Units WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR Calculation Tool BWS Ory/Units WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR Calculation Tool BWS | |

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| Grant Activity - Mark Stephens CWF FY2012-07 | | | | | | |
|--|---|--|--|--|--|--|
| Description | and installing vegetative grant subwatersheds. Emphasis | 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 | AGRICULTURAL PRACTICES | | | | |
| Start Date | 12-Jun-15 | 12-Jun-15 End Date 19-Aug-15 | | | | |
| Has Rates and Hours? | No | No | | | | |
| Actual Results | 11.0 acres of grass filter st | 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 PHOSPHO | | DRUS (EST. REDUCTION) | | Value | 221 | | | |
| Indicator Subcategory/Units WATER POLLUTION (| | OLLUTION (REDUCTION ESTIMATES) LB | UTION (REDUCTION ESTIMATES) LBS/YR Calculation Tool BWSR | | R 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 Subcates | gory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TON: | | ONS/YR | Calculation Tool | BWS | R CALC (FILTER STRIP) | |
| Waterbody | | State Ditch 91 - Lat. 8 | | | | | | |

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| Grant Activity - Randy Dvergsten CWF FY2011-13 & CWF FY2012-01 Grass Filter Strip | | | | | | |
|---|--|---|-----------|--|--|--|
| Description | and installing vegetative practices v | 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 | AGRICULTURAL PRACTICES | | | | |
| Start Date | 1-Oct-12 | End Date | 08-Aug-13 | | | |
| Has Rates and Hours? | No | No | | | | |
| Actual Results | 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. Status review/site inspection completed after area was planted on 7/8/13 and 8/14/14. Area looks very good. | | | | | |

| | 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 | 256 | |
| Indicator Subcategory/Units WATER POLLUTION (RE | | OLLUTION (REDUCTION ESTIMATES) TO | (REDUCTION ESTIMATES) TONS/YR Calculation Tool BV | | BWS | R CALC (FILTER STRIP) | |
| Waterbody | | Intermittent/Perennial Stream | | | | | |
| Final Indicator for Legacy Migrated Data | | | | | | | |
| Indicator Name | ndicator Name PHOSPHORUS (EST. REDUCTION) | | Value | 224 | | | |
| Indicator Subcate | gory/Units | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR | | Calculation Tool | BWS | R 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) |

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

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