



Grant All-Detail Report 2011 - Shoreland Improvement

Grant Title - 2011 - Shoreland Improvement - Red Lake (SWCD)

Grant ID - C13-5309

Organization - Red Lake SWCD

| | | | |
|------------------------------|--------------------|---------------------------------|----------------|
| Grant Awarded Amount | \$48,421.00 | Grant Execution Date | |
| Required Match Amount | \$12,105.25 | Grant End Date | 1/1/2020 |
| Required Match % | 25% | Grant Day To Day Contact | Tanya Billberg |

Budget Summary

| | Budgeted | Spent | Balance Remaining |
|--------------------|--------------------|--------------------|-------------------|
| Total Grant Amount | \$48,421.00 | \$42,648.84 | \$5,772.16 |
| Total Match Amount | \$13,216.11 | \$12,071.23 | \$1,144.88 |
| Total Other Funds | \$0.00 | \$0.00 | \$0.00 |
| Total | \$61,637.11 | \$54,720.07 | \$6,917.04 |

Budget Details

| Activity Name | Activity Category | Source Type | Source Description | Budgeted | Spent | Last Transaction Date | Matching Fund |
|--|------------------------------|---------------------|--|------------|------------|-----------------------|---------------|
| 2011 CWF - Ray Fisher - Admin/Coordination | Administration /Coordination | Current State Grant | 2011 - Shoreland Improvement - Red Lake (SWCD) | \$1,210.55 | \$2,811.60 | 12/31/2013 | N |
| 2011 CWF - Ray Fisher - Admin/Coordination | Administration /Coordination | Local Fund | SWCD-Local Match | \$1,823.86 | \$680.68 | 12/31/2013 | Y |

| Activity Name | Activity Category | Source Type | Source Description | Budgeted | Spent | Last Transaction Date | Matching Fund |
|--|------------------------------------|---------------------|--|-------------|-------------|-----------------------|---------------|
| 2011 CWF - Ray Fisher - Project Development | Project Development | Current State Grant | 2011 - Shoreland Improvement - Red Lake (SWCD) | \$1,513.31 | \$1,663.49 | 12/31/2013 | N |
| 2011 CWF - Ray Fisher - Project Development | Project Development | Local Fund | Red Lake County SWCD | \$900.00 | | | Y |
| 2011 CWF - Ray Fisher - Streambank & Shoreland Protection | Streambank or Shoreline Protection | Current State Grant | 2011 - Shoreland Improvement - Red Lake (SWCD) | \$19,669.50 | \$12,214.00 | 12/10/2013 | N |
| 2011 CWF - Ray Fisher - Streambank & Shoreland Protection | Streambank or Shoreline Protection | Landowner Fund | Landowner Contribution | \$0.00 | \$4,320.00 | 12/10/2013 | Y |
| 2011 CWF - Ray Fisher - Technical & Engineering | Technical/Engineering Assistance | Current State Grant | 2011 - Shoreland Improvement - Red Lake (SWCD) | \$3,357.89 | \$3,290.00 | 12/10/2013 | N |
| 2011 CWF - Ray Fisher - Technical & Engineering | Technical/Engineering Assistance | Local Fund | Red Lake County SWCD | \$1,120.00 | | | Y |
| 2011 CWF - Roger Johanneck - Admin/Coordination | Administration/Coordination | Current State Grant | 2011 - Shoreland Improvement - Red Lake (SWCD) | \$1,210.50 | \$1,210.50 | 11/13/2012 | N |
| 2011 CWF - Roger Johanneck - Admin/Coordination | Administration/Coordination | Local Fund | SWCD- Local Match | \$2,000.00 | \$421.80 | 10/15/2012 | Y |
| 2011 CWF - Roger Johanneck - Project Development | Project Development | Current State Grant | 2011 - Shoreland Improvement - Red Lake (SWCD) | \$1,513.00 | \$1,513.00 | 11/13/2012 | N |
| 2011 CWF - Roger Johanneck - Project Development | Project Development | Local Fund | Red Lake County SWCD - Local | \$723.50 | | | Y |
| 2011 CWF - Roger Johanneck - Streambank & Shoreland Protection | Streambank or Shoreline Protection | Current State Grant | 2011 - Shoreland Improvement - Red Lake (SWCD) | \$16,646.25 | \$16,646.25 | 10/15/2012 | N |
| 2011 CWF - Roger Johanneck - Streambank & Shoreland Protection | Streambank or Shoreline Protection | Landowner Fund | Landowner Contribution | \$2,048.75 | \$2,048.75 | 10/15/2012 | Y |

| Activity Name | Activity Category | Source Type | Source Description | Budgeted | Spent | Last Transaction Date | Matching Fund |
|--|------------------------------------|---------------------|--|------------|------------|-----------------------|---------------|
| 2011 CWF - Roger Johanneck - Streambank & Shoreland Protection | Streambank or Shoreline Protection | Local Fund | Red Lake Watershed District | \$3,500.00 | \$3,500.00 | 10/15/2012 | Y |
| 2011 CWF - Roger Johanneck - Technical & Engineering | Technical/Engineering Assistance | Current State Grant | 2011 - Shoreland Improvement - Red Lake (SWCD) | \$3,300.00 | \$3,300.00 | 11/13/2012 | N |
| 2011 CWF - Roger Johanneck - Technical & Engineering | Technical/Engineering Assistance | Local Fund | SWCD Technical Assistance | \$1,100.00 | \$1,100.00 | 10/15/2012 | Y |

Activity Details Summary

| Activity Details | Total Action Count | Total Activity Mapped | Size / Unit |
|---|--------------------|-----------------------|-----------------|
| 580 - Streambank and Shoreline Protection | 1 | 1 | 190 LINEAR FEET |
| 580 - Streambank and Shoreline Protection | 1 | 1 | 150 LINEAR FEET |

Indicators Summary

| Indicator Name | Total Value | Unit |
|-----------------------|-------------|---------|
| SEDIMENT (TSS) | 600 | TONS/YR |

Grant Activity

Grant Activity - 2011 CWF - Ray Fisher - Admin/Coordination

| | | | |
|-----------------|--|----------|------------------------------|
| Description | The Red Lake County SWCD District Manager will be responsible for all elink, website, and final reporting documents for the project. The Red Lake County SWCD District Manager will coordinate the project, provide the data needed to complete all BWSR project requirements, and track all of the financial documentation of this project. | | |
| Category | ADMINISTRATION/COORDINATION | | |
| Start Date | 1-Jan-13 | End Date | Tue Dec 31 00:00:00 CST 2013 |
| Rates and Hours | | | |
| Actual Results | <p>This project was funded from slippage dollars from 2011 - CWF - Shoreland Improvement grant. The grant workplan was amended in eLink to add this project. The landowner signed the 2011 CWF - Shoreland Improvement Project #2 Contract on June 4, 2013. The Red Lake County SWCD Board approved the contract at the June 10, 2013 regular board meeting. The landowner signed the payment voucher on 12/3/2013. The SWCD Board of Supervisors approved the payment voucher at the SWCD Board Meeting on 12/9/2013 in the amount of \$12,214.00. The landowner provided an in-kind contribution to this project (rock) in the amount of \$4, 320.00.</p> <p>There were more funds used in this account than actually budgeted. When the budgeted amounts were setup the District was not aware of actual costs associated with Administration of this project.</p> <p>The District Manager has completed all the eLink reporting requirements and has tracked all the expenditures for this project. A report will be placed on the District website once approved by BWSR.</p> | | |

Grant Activity - 2011 CWF - Ray Fisher - Project Development

Description

Red Lake County SWCD staff (District Manager and District Technician) will work with contacting the landowner (one landowner involved in this project), setting up timelines, and working on the landowner's contract. Staff will work with the landowner and contractors to line up site location access for project construction. The District Manager will coordinate landowner meetings prior to construction to keep the landowner informed as to the project timelines.

Category

PROJECT DEVELOPMENT

Start Date

1-Jan-13

End Date

Tue Dec 31 00:00:00 CST 2013

Rates and Hours

Actual Results

Jim Hest was contacted in January to make sure he would have time to survey, design, and construct the project in 2013. A landowner file was created and a map was created of the project area, including soils, topography, etc. Several contacts (by phone) were made to the landowner by SWCD staff to inform the landowner on how the project was progressing. On August 20, 2013 a meeting was held with the landowner, Jim Hest, RRV Conservation Service Engineer, DNR, and SWCD staff to go over the project design and permit application. A site visit was conducted on August 20, 2013 as well. The landowner came into the office on December 3, 2013 to sign the payment voucher. The SWCD Board approved the payment voucher on 12/9/2013.

Project Development duties included: contact with the landowner and the Red River Valley Conservation Service Area Engineer (Jim Hest) from beginning to end of the project, site selection determinations, reviewing preliminary designs, and explaining grant requirements as well as financial requirements of the grant to the landowner.

There were more funds used in this account than actually budgeted. When the budgeted amounts were setup the District was not aware of actual costs associated with Project Development.

Grant Activity - 2011 CWF - Ray Fisher - Streambank & Shoreland Protection

| | | | |
|------------------------|--|-----------------|------------------------------|
| Description | <p>This project is in relation to another project that was constructed in 2011 using Red River Valley Flood Recovery Grant funding. This Streambank and Shoreland Protection Project is located along the Clearwater River and will address a streambank stability issue.</p> <p>This project was given high priority because of its: location, domestic supply use of the water source (City of East Grand Forks), importance to water quality, and the reduction in sedimentation and turbidity (as it relates to TMDLs in the Red River Basin).</p> <p>This project is 300 feet in length with eroding banks ranging from 10-12 feet in height. The amount of sediment that is being contributed directly into the Clearwater River is 300 tons per year. The driveway leading to the landowner's lumber business is being affected because of the streambank erosion that is occurring along the edge of the driveway.</p> | | |
| Category | STREAMBANK OR SHORELINE PROTECTION | | |
| Start Date | 1-Jan-13 | End Date | Tue Dec 31 00:00:00 CST 2013 |
| Rates and Hours | | | |
| Actual Results | <p>This project was funded from slippage dollars from 2011 - CWF - Shoreland Improvement grant. The grant workplan was amended in eLink to add this project. The landowner signed the 2011 CWF - Shoreland Improvement Project #2 Contract on June 4, 2013. The Red Lake County SWCD Board approved the contract at the June 10, 2013 regular board meeting. The landowner signed the payment voucher on 12/3/2013. The SWCD Board of Supervisors approved the payment voucher at the SWCD Board Meeting on 12/9/2013 in the amount of \$12,214.00. The landowner provided an in-kind contribution to this project (rock) in the amount of \$4,320.00. The total project cost was \$16,534.00.</p> | | |

| | | | |
|---|--|----------------------------|------------------|
| Activity Action - Legacy Migrated Data | | | |
| Practice | 580 - Streambank and Shoreline Protection | Count of Activities | 1 |
| Description | This project will be completed from slippage funds from the Roger Johanneck Project (2011 CWF - Shoreland Improvement Grant) | | |
| Proposed Size / Units | 250 LINEAR FEET | Lifespan | 15 Years |
| Actual Size/Units | 190 LINEAR FEET | Installed Date | 3-Dec-13 |
| Final Indicator for Legacy Migrated Data | | | |
| Indicator Name | SEDIMENT (TSS) | Value | 300 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | RUSLE2 (UPDATED) |

Grant Activity - 2011 CWF - Ray Fisher - Technical & Engineering

Description

Red Lake County SWCD staff (District Manager and District Technician) will work with the Red River Valley Conservation Area Engineer (Jim Hest) on surveying the project. The Red Lake County SWCD will be contracting with the past District Engineer to assist with survey and design work on this project. The Red River Valley Conservation Area Engineer will be responsible for the design work. The Streambank and Shoreland Protection project will be planned and installed in accordance with technical standards and specifications of the NRCS Field Technical Guide. Red Lake County SWCD staff will work with Red River Valley Conservation Area Engineer (Jim Hest), DNR staff (Garry Bennett, Hydrologist), Army Corps of Engineer (Bill Baer), Red Lake Watershed District (Myron Jesme), and any other local, state, or federal agencies that we may need to contact to collect the required permits needed for project construction. The landowner and the Red Lake Watershed District will be providing the 25% required project match. All technical and engineering documents will be available upon request.

Category

TECHNICAL/ENGINEERING ASSISTANCE

Start Date

1-Jan-13

End Date

Tue Dec 31 00:00:00 CST 2013

Rates and Hours

Actual Results

Jim Hest, RRV Conservation Service Engineer was contacted in January to make sure he would be able to survey, design, and construct this project in 2013. Jim Hest and Wayne Weber tried to survey the project on June 27th, 2013 but the water levels on the Clearwater River were too high. Jim Hest surveyed the Fisher Project on August 8, 2013. The design for the Fisher Project was received on August 20th, 2013. Jim Hest reviewed the design with Ray Fisher-landowner, Stephanie Klamm-DNR Hydrologist, and Tanya Billberg-SWCD District Manager. A site review was conducted on August 20th, 2013 to review the site with the DNR Hydrologist because a permit will be needed. A permit application was completed and given to the DNR Hydrologist on August 20, 2013. The permit was received on Sept. 23, 2013.

Grant Activity - 2011 CWF - Roger Johanneck - Admin/Coordination

| | | | |
|------------------------|---|-----------------|------------------------------|
| Description | The Red Lake County SWCD District Manager will be responsible for all elink, website, and final reporting documents for the project. The Red Lake County SWCD District Manager will coordinate the project, provide the data needed to complete all BWSR project requirements, and track all of the financial documentation of this project. | | |
| Category | ADMINISTRATION/COORDINATION | | |
| Start Date | 1-Apr-11 | End Date | Mon Dec 31 00:00:00 CST 2012 |
| Rates and Hours | | | |
| Actual Results | The required eLink and website reporting for this project has been completed. The District Manager continues to track project progress, as well as project expenditures throughout the process of this project. The project design was received on 8/10/2012 from Jim Hest, Red River Valley Conservation Area Engineer. The landowner signed the 2011 CWF-Shoreland Improvement Contract before the board meeting on August 13, 2012. The SWCD Board approved the 2011 CWF-Shoreland Improvement Contract on August 13, 2012 in the amount of \$35,000.00 (CWF-Shoreland Assistance will provide \$26,250.00 or 75% of the total eligible cost, whichever is less. A bid from Wright Construction was approved on September 10th at the SWCD Board meeting in the amount of \$22,195.00. The project was constructed during the first week in October. At the October 15th SWCD Board meeting, the Board approved the 2011 CWF-Shoreland Improvement Project Voucher for Roger Johanneck in the amount of \$16, 646.25; which was 75% of the total cost of the project which was \$22,195.00. The Red Lake Watershed District provided \$3,500.00 to assist with the local match required for the project. The remaining \$2,048.75 was paid by the landowner. | | |

Grant Activity - 2011 CWF - Roger Johanneck - Project Development

| | | | |
|---|--|------------------------|-------------------------------------|
| <p>Description</p> | <p>Red Lake County SWCD staff (District Manager and District Technician) will work with contacting the landowner (one landowner involved in this project), setting up timelines, and working on the landowner's contract. Staff will work with the landowner and contractors to line up site location access for project construction. The District Manager will coordinate landowner meetings prior to construction to keep the landowner informed as to the project timelines.</p> | | |
| <p>Category</p> | <p>PROJECT DEVELOPMENT</p> | | |
| <p>Start Date</p> | <p>25-Mar-11</p> | <p>End Date</p> | <p>Mon Dec 31 00:00:00 CST 2012</p> |
| <p>Rates and Hours Actual Results</p> | <p>The District Manager has been in contact with the landowner as well as with the Red River Valley Conservation Area 1 Engineer. The District Manager submitted Engineering Requests to the Red River Valley Conservation Engineer in January of 2011. This project was surveyed by Jim Hest and Wayne Weber on November 4, 2011, when the river levels were low. The design for the project was received on 8/10/2012. The landowner signed the 2011 BWSR CWF-Shoreland Improvement Contract on 8/13/2012 before the regular SWCD Board meeting. The SWCD Board approved the 2011 CWF-Shoreland Improvement Contract on August 13, 2012 in the amount of \$35,000.00 (CWF-Shoreland Assistance will provide \$26,250.00 or 75% of the total eligible cost, whichever is less. A bid from Wright Construction was approved on September 10th at the SWCD Board meeting in the amount of \$22,195.00. The project was constructed during the first week in October. At the October 15th SWCD Board meeting, the Board approved the 2011 CWF-Shoreland Improvement Project Voucher for Roger Johanneck in the amount of \$16, 646.25; which was 75% of the total cost of the project which was \$22,195.00. The Red Lake Watershed District provided \$3,500.00 to assist with the local match required for the project. The remaining \$2,048.75 was paid by the landowner.</p> <p>Project Development duties included: contact with the landowner and the Red River Valley Conservation Service Area Engineer (Jim Hest) from beginning to end of the project, site selection determinations, reviewing preliminary designs, and explaining grant requirements as well as financial requirements of the grant to the landowner.</p> | | |

Grant Activity - 2011 CWF - Roger Johanneck - Streambank & Shoreland Protection

| | | | |
|------------------------|--|-----------------|--|
| Description | <p>This project is in relation to two other projects that were constructed in 2010 using Red River Valley Flood Recovery Grant funding. The project is located along the Clearwater River in the City of Red Lake Falls which will make this a showcase project because of its visibility.</p> <p>This project was given high priority because of its: location (just upstream) to the sturgeon restoration project, domestic supply use of the water source (City of East Grand Forks), importance to water quality, and the reduction in sedimentation and turbidity (as it relates to TMDLs in the Red River Basin).</p> | | |
| Category | STREAMBANK OR SHORELINE PROTECTION | | |
| Start Date | | End Date | |
| Rates and Hours | | | |
| Actual Results | <p>Wayne Weber (retired District Engineer for Red Lake County SWCD) has been hired on an as-needed basis to assist with surveying and technical assistance. The District Manager submitted Engineering Requests to the Red River Valley Conservation Engineer in January of 2011. This project was surveyed by Jim Hest and Wayne Weber on November 4, 2011, when the river levels were low. The design for the project was received on 8/10/2012. The landowner signed the 2011 BWSR CWF-Shoreland Improvement Contract on 8/13/2012 before the regular SWCD Board meeting. The SWCD Board approved the 2011 CWF-Shoreland Improvement Contract on August 13, 2012 in the amount of \$35,000.00 (CWF-Shoreland Assistance will provide \$26,250.00 or 75% of the total eligible cost, whichever is less. A bid from Wright Construction was approved on September 10th at the SWCD Board meeting in the amount of \$22,195.00. The project was constructed during the first week in October. At the October 15th SWCD Board meeting, the Board approved the 2011 CWF-Shoreland Improvement Project Voucher for Roger Johanneck in the amount of \$16,646.25; which was 75% of the total cost of the project which was \$22,195.00. The Red Lake Watershed District provided \$3,500.00 to assist with the local match required for the project. The remaining \$2,048.75 was paid by the landowner. Red River Valley Conservation Service Area received \$3,300.00 for the survey, design, on-site visits during construction and construction inspection work for the project.</p> | | |

| Activity Action - Legacy Migrated Data | | | |
|--|---|----------------------------|----------|
| Practice | 580 - Streambank and Shoreline Protection | Count of Activities | 1 |
| Description | BWSR Clean Water Fund Grant Project #: 2011 CWF - 01. | | |
| Proposed Size / Units | 150 LINEAR FEET | Lifespan | 15 Years |
| Actual Size/Units | 150 LINEAR FEET | Installed Date | 9-Oct-12 |

| Final Indicator for Legacy Migrated Data | | | |
|--|---|-------------------------|--|
| Indicator Name | SEDIMENT (TSS) | Value | 300 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | | | |

Grant Activity - 2011 CWF - Roger Johanneck - Technical & Engineering

Description

Red Lake County SWCD staff (District Manager and District Technician) will work with the Red River Valley Conservation Area Engineer (Jim Hest) on surveying the project. The Red Lake County SWCD will be contracting with the past District Engineer to assist with survey and design work on this project. The Red River Valley Conservation Area Engineer will be responsible for the design work. The Streambank and Shoreland Protection project will be planned and installed in accordance with technical standards and specifications of the NRCS Field Technical Guide. Red Lake County SWCD staff will work with Red River Valley Conservation Area Engineer (Jim Hest), DNR staff (Garry Bennett, Hydrologist), Army Corps of Engineer (Bill Baer), Red Lake Watershed District (Myron Jesme), and any other local, state, or federal agencies that we may need to contact to collect the required permits needed for project construction. The landowner and the Red Lake Watershed District will be providing the 25% required project match. All technical and engineering documents will be available upon request.

Category

TECHNICAL/ENGINEERING ASSISTANCE

Start Date

25-Mar-11

End Date

Mon Dec 31 00:00:00 CST 2012

Rates and Hours

Actual Results

Wayne Weber (retired District Engineer for Red Lake County SWCD) has been hired on an as-needed basis to assist with surveying and technical assistance. The District Manager submitted Engineering Requests to the Red River Valley Conservation Engineer in January of 2011. This project was surveyed by Jim Hest and Wayne Weber on November 4, 2011, when the river levels were low. The design for the project was received on 8/10/2012. The landowner signed the 2011 BWSR CWF-Shoreland Improvement Contract on 8/13/2012 before the regular SWCD Board meeting. The SWCD Board approved the 2011 CWF-Shoreland Improvement Contract on August 13, 2012 in the amount of \$35,000.00 (CWF-Shoreland Assistance will provide \$26,250.00 or 75% of the total eligible cost, whichever is less. A bid from Wright Construction was approved on September 10th at the SWCD Board meeting in the amount of \$22,195.00. The project was constructed during the first week in October. At the October 15th SWCD Board meeting, the Board approved the 2011 CWF-Shoreland Improvement Project Voucher for Roger Johanneck in the amount of \$16, 646.25; which was 75% of the total cost of the project which was \$22,195.00. The Red Lake Watershed District provided \$3,500.00 to assist with the local match required for the project. The remaining \$2,048.75 was paid by the landowner. The Red River Valley Conservation Service Area received \$3,300.00 for the survey, design, on-site visits during construction and construction inspection work on this project.

Grant Attachments

| Document Name | Document Type | Description |
|------------------------------------|--------------------|--|
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 08/21/2013 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 01/09/2014 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 01/17/2014 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 01/21/2014 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 01/21/2014 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 09/13/2013 |
| Final Financial Report | Grant | 2011 - Shoreland Improvement - Red Lake (SWCD) |
| Johanneck.pdf | Grant | 2011 - Shoreland Improvement - Red Lake (SWCD) |
| grant_app_general-added.rpt | Grant | 2011 - Shoreland Improvement - Red Lake (SWCD) |
| grant_app_general-added.rpt | Grant | 2011 - Shoreland Improvement - Red Lake (SWCD) |
| grant_app_general.rpt | Grant | 2011 - Shoreland Improvement - Red Lake (SWCD) |
| grant_app_general.rpt | Grant | 2011 - Shoreland Improvement - Red Lake (SWCD) |
| grant_app_general.rpt | Grant | 2011 - Shoreland Improvement - Red Lake (SWCD) |