

**Grant All-Detail Report**

**Disaster Relief 2015**

**Grant Title -** 2014 - Minnesota Flood Relief Grant (Renville SWCD)

**Grant ID** - P15-8744

**Organization -** Renville SWCD

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| Original Awarded Amount | $138,750.00 | Grant Execution Date | 4/14/2015 |
| Required Match Amount | $0.00 | **Original Grant End Date** | 12/31/2017 |
| Required Match % | 0% | **Grant Day To Day Contact** | Holly Hatlewick |
| Current Awarded Amount | $138,750.00 | **Current End Date** | 12/31/2017 |

## Budget Summary

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| --- | --- | --- | --- |
|  | Budgeted | Spent | Balance Remaining\* |
| Total Grant Amount | $104,891.39 | $104,891.39 | $33,858.61 |
| Total Match Amount | $0.00 | $0.00 | $0.00 |
| Total Other Funds | $0.00 | $0.00 | $0.00 |
| **Total** | **$104,891.39** | **$104,891.39** | **$33,858.61** |

*\*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 |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 65-03-14 Beaver Falls  | Agricultural Practices | Current State Grant | 2014 - Minnesota Flood Relief Grant (Renville SWCD) | $68,558.50  | $68,558.50  | 12/31/2018 | N |
| Administration/Coordination  | Administration/Coordination | Current State Grant | 2014 - Minnesota Flood Relief Grant (Renville SWCD) | $10,027.46  | $10,027.46  | 12/31/2018 | N |
| Engineering  | Technical/Engineering Assistance | Current State Grant | 2014 - Minnesota Flood Relief Grant (Renville SWCD) | $1,831.43  | $1,831.43  | 1/21/2016 | N |
| Kevin Kokesch, Diversion (DRAP1 65-05-14)  | Urban Stormwater Management Practices | Current State Grant | 2014 - Minnesota Flood Relief Grant (Renville SWCD) | $12,174.00  | $12,174.00  | 12/28/2016 | N |
| Lawrence Muetzel (580) 02-14  | Streambank or Shoreline Protection | Current State Grant | 2014 - Minnesota Flood Relief Grant (Renville SWCD) | $12,300.00  | $12,300.00  | 11/12/2015 | N |

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## Activity Details Summary

| Activity Details | Total Action Count  | Total Activity Mapped  | Proposed Size / Unit | Actual Size / Unit |
| --- | --- | --- | --- | --- |
|  410 - Grade Stabilization Structure | 1 | 2 | 2 COUNT | 2 COUNT |
|  580 - Streambank and Shoreline Protection | 1 | 1 | 135 LINEAR FEET | 135 LINEAR FEET |
|  362 - Diversion | 1 | 5 | 420 LINEAR FEET | 420 LINEAR FEET |

**Proposed Activity Indicators**

| Activity Name | **Indicator Name** | **Value & Units** | **Waterbody** | **Calculation Tool** | **Comments** |
| --- | --- | --- | --- | --- | --- |

## Final Indicators Summary

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| --- | --- | --- |
| Indicator Name | Total Value  | Unit  |
| SEDIMENT (TSS) | 279.08 | TONS/YR |
| SOIL (EST. SAVINGS) | 659.48 | TONS/YR |
| VOLUME REDUCED (ACRE-FEET/YEAR) | 5.00 | ACRE-FEET/YR |
| PHOSPHORUS (EST. REDUCTION) | 267.94 | LBS/YR |

## Grant Activity

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| **Grant Activity - 65-03-14 Beaver Falls**  |
| Description | Erosion control improvements to store and meter surface water that previously eroded bluff and ravine that flows to MN River. |
| Category | AGRICULTURAL PRACTICES |
| Start Date | 15-Aug-18 | **End Date** | 10-Sep-18 |
| Has Rates and Hours? | No |
| Actual Results | The project was completed to specifications and as-built was performed by Greg Schemmel from the Mankato TSA. Surface water was rerouted using tile to a stable outlet with a riser structure and berms were built to direct water flow.  |

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| Activity Action - 65-03-14 Beaver Falls  |
| Practice | 410 - Grade Stabilization Structure | **Count of Activities** | 1 |
| Description | The project was completed to specifications and as-built was performed by Greg Schemmel from the Mankato TSA. Surface water was rerouted using tile to a stable outlet and 2 berms were built to direct water flow. |
| Proposed Size / Units | 2.00 COUNT | **Lifespan** | 25 Years |
| Actual Size/Units | 2.00 COUNT | **Installed Date** | 18-Sep-18 |
| Mapped Activities  | 2 Point(s)  |

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| **Final Indicator for 65-03-14 Beaver Falls** |
| **Indicator Name**  | SEDIMENT (TSS) | **Value** | 204.83 |
| **Indicator Subcategory/Units** | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | **Calculation Tool** | BWSR CALC (GULLY STABILIZATION) |
| **Waterbody** | MN River |
| **Final Indicator for 65-03-14 Beaver Falls** |
| **Indicator Name**  | PHOSPHORUS (EST. REDUCTION) | **Value** | 204.83 |
| **Indicator Subcategory/Units** | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR | **Calculation Tool** | BWSR CALC (GULLY STABILIZATION) |
| **Waterbody** | MN River |
| **Final Indicator for 65-03-14 Beaver Falls** |
| **Indicator Name**  | SOIL (EST. SAVINGS) | **Value** | 585.23 |
| **Indicator Subcategory/Units** | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | **Calculation Tool** | BWSR CALC (GULLY STABILIZATION) |
| **Waterbody** | MN River |

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| **Grant Activity - Administration/Coordination**  |
| Description | Administration/Coordination  |
| Category | ADMINISTRATION/COORDINATION |
| Start Date | 1-Jan-16 | **End Date** |  |
| Has Rates and Hours? | No |
| Actual Results | Water Resources Tech worked 53 hours at a billable rate of $27.97 totaling $1482.41 working with TSA and landowners to complete projects.  District Manger worked 12 hours at a billable rate of $39.32 totaling $471.84 to administer the program and compete projects.  1/4/17 Water Resources Tech. worked 108 hours at a billable rate of $27.97 totaling $3020.76 acting as project manager, conducting surveys and landowner coordination throughout 2017.  District Administrator worked 9 hours at a billable rate of $39.32 for a total of $353.88 in 2017 administrating DRAP 1.  Office Admin worked 2 hours at a billable rate of $20.09 totaling $40.18 financial tracking  12/31/2018 Water Resources Tech. worked 82 hours at a billable rate of $41.60 totaling $3,411.20 to complete surveys, monitor project construction and coordinate projects.  12/31/2018 District Administrator worked 21 hours at a billable rate of $54.39 for a total of $1,142.19 in 2018 administrating DRAP 1.  $105.00 Monthly hotspot charge to use survey equipment. END 2018   |

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| **Grant Activity - Engineering**  |
| Description | The Renville SWCD staff will oversee the Administration and Technical aspects of all State Cost-Share projects. If projects are above a job class authority authorized for our office, the SWCD will use the South Central TSA Engineer Ryan Jones, NRCS Engineer Eric Soupir, or BWSR Engineering Technician Mike Anderson. The District Technician will complete the Cost-Share ledgers, oversee contracts, input eLINK reporting, and oversee and complete projects within his Job Class Approval (TAA). |
| Category | TECHNICAL/ENGINEERING ASSISTANCE |
| Start Date | 13-Aug-15 | **End Date** |  |
| Has Rates and Hours? | No |
| Actual Results | $1831.43 invoice from TSA for engineering/design on 65-02-14 Lawrence Muetzel Streambank Protection to be paid in 2016.  |

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| **Grant Activity - Kevin Kokesch, Diversion (DRAP1 65-05-14)**  |
| Description | Kevin Kokesch, Diversion (DRAP1 65-05-14) The landowner Kevin Kokesch approached the SWCD after the storm event occurring in 2014. Large rain events caused overland flow of surface water, resulting in soil erosion that caused damage to his property and impacted near by water resources.  |
| Category | URBAN STORMWATER MANAGEMENT PRACTICES |
| Start Date | 14-Apr-16 | **End Date** | 08-Sep-17 |
| Has Rates and Hours? | No |
| Actual Results | The project was completed to specifications and as-built was performed by Greg Schemmel from the Mankato TSA. Surface water was rerouted using tile to a stable outlet and berms were built to direct water flow.  |

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| Activity Action - Kevin Kokesch, Diversion (65-05-14)  |
| Practice | 362 - Diversion | **Count of Activities** | 1 |
| Description | Install 12'' DIA HPDE dual wall tile, two 12'' DIA intake structures to divert water and outlet at a stable point. |
| Proposed Size / Units | 420.00 LINEAR FEET | **Lifespan** | 10 Years |
| Actual Size/Units | 420.00 LINEAR FEET | **Installed Date** | 8-Sep-16 |
| Mapped Activities  | 5 Line(s) |

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| **Final Indicator for Kevin Kokesch, Diversion (65-05-14)** |
| **Indicator Name**  | VOLUME REDUCED (ACRE-FEET/YEAR) | **Value** | 5 |
| **Indicator Subcategory/Units** | STORMWATER MANAGEMENT ACRE-FEET/YR | **Calculation Tool** | Other |
| **Waterbody** | Minnesota River |

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| **Grant Activity - Lawrence Muetzel (580) 02-14**  |
| Description | The June 2014 flood damaged a portion of streambank that was repaired through HCWP funds several years prior. DRAP funding is being sought to repair the streambank protection practice. |
| Category | STREAMBANK OR SHORELINE PROTECTION |
| Start Date | 13-Aug-15 | **End Date** | 12-Nov-15 |
| Has Rates and Hours? | No |
| Actual Results | 135 linear feet of slope grading and riprap streambank protection with 50 ft buffer from adjacent farm field. South Central Area 6 TSA Engineer Ryan Jones completed survey, design, and as-built for practice.  |

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| Activity Action - Muetzel Streambank  |
| Practice | 580 - Streambank and Shoreline Protection | **Count of Activities** | 1 |
| Description | Riprap streambank protection. |
| Proposed Size / Units | 135.00 LINEAR FEET | **Lifespan** | 10 Years |
| Actual Size/Units | 135.00 LINEAR FEET | **Installed Date** | 12-Nov-15 |
| Mapped Activities  | 1 Line(s) |

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| **Final Indicator for Muetzel Streambank** |
| **Indicator Name**  | SEDIMENT (TSS) | **Value** | 74.25 |
| **Indicator Subcategory/Units** | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | **Calculation Tool** | BWSR CALC (STREAM & DITCH STABILIZATION) |
| **Waterbody** | Unnamed Stream |
| **Final Indicator for Muetzel Streambank** |
| **Indicator Name**  | PHOSPHORUS (EST. REDUCTION) | **Value** | 63.11 |
| **Indicator Subcategory/Units** | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR | **Calculation Tool** | BWSR CALC (STREAM & DITCH STABILIZATION) |
| **Waterbody** | Unnamed Stream |
| **Final Indicator for Muetzel Streambank** |
| **Indicator Name**  | SOIL (EST. SAVINGS) | **Value** | 74.25 |
| **Indicator Subcategory/Units** | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | **Calculation Tool** | BWSR CALC (STREAM & DITCH STABILIZATION) |
| **Waterbody** | Unnamed Stream |

## Grant Attachments

| Document Name | Document Type | Description |
| --- | --- | --- |
| 2014 DR-4182 Flood Relief | Grant Agreement | 2014 DR-4182 Flood Relief - Renville SWCD |
| 2014 DR-4182 Flood Relief executed | Grant Agreement | 2014 DR-4182 Flood Relief - Renville SWCD |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 12/30/2015 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 12/28/2015 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 12/22/2015 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 01/23/2017 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 01/28/2019 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 03/19/2019 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 04/27/2017 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 02/02/2018 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 03/26/2018 |
| Amendment | Grant | 2014 - Minnesota Flood Relief Grant (Renville SWCD) |
| Project List Request | Journal | Journal Dated - 06/24/2016 |