



## Grant All-Detail Report SWCD Local Capacity Services 2017

**Grant Title** - 2017 - SWCD Local Capacity Services (Pipestone SWCD)

**Grant ID** - P17-4200

**Organization** - Pipestone SWCD

|                                |                     |                                 |                  |
|--------------------------------|---------------------|---------------------------------|------------------|
| <b>Original Awarded Amount</b> | <b>\$118,000.00</b> | <b>Grant Execution Date</b>     | <b>2/22/2017</b> |
| <b>Required Match Amount</b>   | \$0.00              | <b>Original Grant End Date</b>  | 12/31/2019       |
| <b>Required Match %</b>        | 0%                  | <b>Grant Day To Day Contact</b> | Kyle Krier       |
| <b>Current Awarded Amount</b>  | \$118,000.00        | <b>Current End Date</b>         | 12/31/2019       |

### Budget Summary

|                    | Budgeted            | Spent               | Balance Remaining* |
|--------------------|---------------------|---------------------|--------------------|
| Total Grant Amount | \$118,000.00        | \$97,893.70         | \$20,106.30        |
| Total Match Amount | \$38,219.65         | \$38,219.65         | \$0.00             |
| Total Other Funds  | \$0.00              | \$0.00              | \$0.00             |
| <b>Total</b>       | <b>\$156,219.65</b> | <b>\$136,113.35</b> | <b>\$20,106.30</b> |

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

### Budget Details

| Activity Name  | Activity Category                | Source Type         | Source Description                                   | Budgeted    | Spent       | Last Transaction Date | Matching Fund |
|--|----------------------------------|---------------------|--|-------------|-------------|-----------------------|---------------|
| Excess Nutrients - 2017 Water Resources Technician - Admin | Technical/Engineering Assistance | Current State Grant | 2017 - SWCD Local Capacity Services (Pipestone SWCD) | \$55,000.00 | \$55,000.00 | 1/8/2018              | N             |
| Excess Nutrients - 2017 Water Resources Technician - Admin | Technical/Engineering Assistance | Local Fund          | County Allocation                                    | \$0.00      |             |                       | Y             |

| Activity Name  | Activity Category                | Source Type         | Source Description                                   | Budgeted    | Spent       | Last Transaction Date | Matching Fund |
|--|----------------------------------|---------------------|--|-------------|-------------|-----------------------|---------------|
| Miller WW/WASCOB                                     | Agricultural Practices           | Current State Grant | 2017 - SWCD Local Capacity Services (Pipestone SWCD) | \$1,893.70  | \$1,893.70  | 12/13/2018            | N             |
| Miller WW/WASCOB                                     | Agricultural Practices           | Federal Funds       | EQIP Payment   | \$15,796.98 | \$15,796.98 | 12/13/2018            | Y             |
| Miller WW/WASCOB                                     | Agricultural Practices           | Landowner Fund      | Land Owner Match                                     | \$4,422.67  | \$4,422.67  | 12/13/2018            | Y             |
| Soil Erosion - 2017 Cost-share assistance            | Agricultural Practices           | Current State Grant | 2017 - SWCD Local Capacity Services (Pipestone SWCD) | \$20,106.30 |             |                       | N             |
| Soil Erosion - 2017 Engineering Tech                 | Technical/Engineering Assistance | Current State Grant | 2017 - SWCD Local Capacity Services (Pipestone SWCD) | \$24,000.00 | \$24,000.00 | 5/19/2017             | N             |
| Soil Erosion - 2017 Technical Assistance             | Technical/Engineering Assistance | Current State Grant | 2017 - SWCD Local Capacity Services (Pipestone SWCD) | \$12,000.00 | \$12,000.00 | 1/8/2018              | N             |
| Water and Storage Treatment - 2017 Administration    | Administration /Coordination     | Current State Grant | 2017 - SWCD Local Capacity Services (Pipestone SWCD) | \$5,000.00  | \$5,000.00  | 1/8/2018              | N             |
| Water and Storage Treatment - 2017 Staffing Capacity | Administration /Coordination     | Local Fund          | County Allocation                                    | \$18,000.00 | \$18,000.00 | 1/8/2018              | Y             |

### Activity Details Summary

| Activity Details                       | Total Action Count | Total Activity Mapped | Proposed Size / Unit | Actual Size / Unit |
|--|--------------------|-----------------------|----------------------|--------------------|
| 412 - Grassed Waterway and Swales      | 2                  | 2                     | 1 COUNT              | 1 COUNT            |
| 638 - Water and Sediment Control Basin | 6                  | 6                     | 3 COUNT              | 3 COUNT            |

### Proposed Activity Indicators

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

## Final Indicators Summary

| Indicator Name                     | Total Value | Unit    |
|------------------------------------|-------------|---------|
| <b>SEDIMENT (TSS)</b>              | 832.24      | TONS/YR |
| <b>SOIL (EST. SAVINGS)</b>         | 809.48      | TONS/YR |
| <b>PHOSPHORUS (EST. REDUCTION)</b> | 908.14      | LBS/YR  |

## Grant Activity

### Grant Activity - Excess Nutrients - 2017 Water Resources Technician - Admin

|                             |  |                 |           |
|-----------------------------|--|-----------------|-----------|
| <b>Description</b>          | Pipestone County Comprehensive Local Water Management<br><br>Staff position hired from 2016 funds to assist Public Water Supplier within the Counties of Rock, Nobles, Murray, Pipestone, Lincoln and Lyon County to implement their wellhead protection plans. Position will work directly with landowner on implementation actives. Costs based on 2088 hours per year at billing rate of 33.60. |                 |           |
| <b>Category</b>             | TECHNICAL/ENGINEERING ASSISTANCE   |                 |           |
| <b>Start Date</b>           | 22-Feb-17  | <b>End Date</b> | 31-Dec-17 |
| <b>Has Rates and Hours?</b> | Yes  |                 |           |
| <b>Actual Results</b>       | Water Resources Tech was employed and assisted Public Water suppliers implement their wellhead protection plans in 2017. A cover crop field day was held, Clean Water grants were applied for, and producers were educated on wellhead protection. Funds provided 1517 hours of staff time at \$36.82 per hour.  |                 |           |

### Grant Activity - Miller WW/WASCOB

|                             |   |                 |           |
|-----------------------------|---|-----------------|-----------|
| <b>Description</b>          | Installation one new waterway and 3 new water and sediment control basins                         |                 |           |
| <b>Category</b>             | AGRICULTURAL PRACTICES  |                 |           |
| <b>Start Date</b>           | 10-May-18   | <b>End Date</b> | 10-Oct-19 |
| <b>Has Rates and Hours?</b> | No  |                 |           |
| <b>Actual Results</b>       | Constructed one new grassed waterway and three new narrow base water and sediment control basins. |                 |           |

| Activity Action - Miller Waterway |                                   |                     |           |
|-----------------------------------|-----------------------------------|---------------------|-----------|
| Practice                          | 412 - Grassed Waterway and Swales | Count of Activities | 1         |
| Description                       | One new grassed waterway          |                     |           |
| Proposed Size / Units             | 1.00 COUNT                        | Lifespan            | 10 Years  |
| Actual Size/Units                 | 1.00 COUNT                        | Installed Date      | 10-Sep-18 |
| Mapped Activities                 | 1 Polygon(s)                      |                     |           |

Final Indicator for Miller Waterway

|                             |   |                  |                                 |
|-----------------------------|---|------------------|---------------------------------|
| Indicator Name              | SOIL (EST. SAVINGS)                           | Value            | 252.98                          |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (GULLY STABILIZATION) |
| Waterbody                   | Rock River                                    |                  |                                 |

Final Indicator for Miller Waterway

|                             |  |                  |                                 |
|-----------------------------|--|------------------|---------------------------------|
| Indicator Name              | PHOSPHORUS (EST. REDUCTION)                  | Value            | 290.93                          |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR | Calculation Tool | BWSR CALC (GULLY STABILIZATION) |
| Waterbody                   | Rock River                                   |                  |                                 |

Final Indicator for Miller Waterway

|                             |   |                  |                                 |
|-----------------------------|---|------------------|---------------------------------|
| Indicator Name              | SEDIMENT (TSS)                                | Value            | 252.98                          |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (GULLY STABILIZATION) |
| Waterbody                   | Rock River                                    |                  |                                 |

| Activity Action - Miller WASCObS |   |                     |          |
|----------------------------------|---|---------------------|----------|
| Practice                         | 638 - Water and Sediment Control Basin              | Count of Activities | 3        |
| Description                      | 3 new narrow base water and sediment control basins |                     |          |
| Proposed Size / Units            | 3.00 COUNT  | Lifespan            | 10 Years |
| Actual Size/Units                | 3.00 COUNT  | Installed Date      | 9-Oct-18 |
| Mapped Activities                | 3 Point(s)  |                     |          |

Final Indicator for Miller WASCObS

|                             |   |                  |                                 |
|-----------------------------|---|------------------|---------------------------------|
| Indicator Name              | SOIL (EST. SAVINGS)                           | Value            | 151.76                          |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (GULLY STABILIZATION) |
| Waterbody                   | Rock River                                    |                  |                                 |

| Final Indicator for Miller WASCObS |   |                  |                                 |
|------------------------------------|---|------------------|---------------------------------|
| Indicator Name                     | SEDIMENT (TSS)                                | Value            | 174.52                          |
| Indicator Subcategory/Units        | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (GULLY STABILIZATION) |
| Waterbody                          | Rock River                                    |                  |                                 |
| Final Indicator for Miller WASCObS |   |                  |                                 |
| Indicator Name                     | PHOSPHORUS (EST. REDUCTION)                   | Value            | 151.76                          |
| Indicator Subcategory/Units        | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR  | Calculation Tool | BWSR CALC (GULLY STABILIZATION) |
| Waterbody                          | Rock River                                    |                  |                                 |

| Grant Activity - Soil Erosion - 2017 Cost-share assistance |   |          |           |
|--|---|----------|-----------|
| Description  | Pipestone County Comprehensive Local Water Management Plan.<br>Provide up to 80% cost share on priority erosion control projects based on Pipestone SWCD 2017 policy. Projects will be certified by TSA certified tech or Engineer and designed based on NRCS FOTG. |          |           |
| Category   | AGRICULTURAL PRACTICES  |          |           |
| Start Date   | 10-Aug-18   | End Date | 03-Oct-18 |
| Has Rates and Hours?                                       | No  |          |           |
| Actual Results   | Installation of one grassed waterway and 3 WASCObS to address several areas of gully erosion.   |          |           |

| Activity Action - Miller WW |                                      |                     |           |
|-----------------------------|--------------------------------------|---------------------|-----------|
| Practice                    | 412 - Grassed Waterway and Swales    | Count of Activities | 1         |
| Description                 | Constructed one new grassed waterway |                     |           |
| Proposed Size / Units       | 1.00 COUNT                           | Lifespan            | 10 Years  |
| Actual Size/Units           | 1.00 COUNT                           | Installed Date      | 10-Sep-18 |
| Mapped Activities           | 1 Polygon(s)                         |                     |           |

| Final Indicator for Miller WW |   |                  |                                 |
|-------------------------------|---|------------------|---------------------------------|
| Indicator Name                | SEDIMENT (TSS)                                | Value            | 252.98                          |
| Indicator Subcategory/Units   | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (GULLY STABILIZATION) |
| Waterbody                     | Rock River                                    |                  |                                 |

| Final Indicator for Miller WW |   |                  |                                 |
|-------------------------------|---|------------------|---------------------------------|
| Indicator Name                | SOIL (EST. SAVINGS)                           | Value            | 252.98                          |
| Indicator Subcategory/Units   | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (GULLY STABILIZATION) |
| Waterbody                     | Rock River                                    |                  |                                 |
| Final Indicator for Miller WW |   |                  |                                 |
| Indicator Name                | PHOSPHORUS (EST. REDUCTION)                   | Value            | 290.93                          |
| Indicator Subcategory/Units   | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR  | Calculation Tool | BWSR CALC (GULLY STABILIZATION) |
| Waterbody                     | Rock River                                    |                  |                                 |

| Activity Action - Miller WASCObS |   |                     |           |
|----------------------------------|---|---------------------|-----------|
| Practice                         | 638 - Water and Sediment Control Basin                  | Count of Activities | 3         |
| Description                      | Construction of 3 new water and sediment control basins |                     |           |
| Proposed Size / Units            | 3.00 COUNT  | Lifespan            | 10 Years  |
| Actual Size/Units                | 3.00 COUNT  | Installed Date      | 10-Sep-18 |
| Mapped Activities                | 3 Point(s)  |                     |           |

| Final Indicator for Miller WASCObS |  |                  |                                 |
|------------------------------------|--|------------------|---------------------------------|
| Indicator Name                     | PHOSPHORUS (EST. REDUCTION)                  | Value            | 174.52                          |
| Indicator Subcategory/Units        | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR | Calculation Tool | BWSR CALC (GULLY STABILIZATION) |
| Waterbody                          | Rock River                                   |                  |                                 |

| Final Indicator for Miller WASCObS |   |                  |                                 |
|------------------------------------|---|------------------|---------------------------------|
| Indicator Name                     | SEDIMENT (TSS)                                | Value            | 151.76                          |
| Indicator Subcategory/Units        | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (GULLY STABILIZATION) |
| Waterbody                          | Rock River                                    |                  |                                 |

| Final Indicator for Miller WASCObS |   |                  |                                 |
|------------------------------------|---|------------------|---------------------------------|
| Indicator Name                     | SOIL (EST. SAVINGS)                           | Value            | 151.76                          |
| Indicator Subcategory/Units        | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (GULLY STABILIZATION) |
| Waterbody                          | Rock River                                    |                  |                                 |

### Grant Activity - Soil Erosion - 2017 Engineering Tech

|                             |  |                 |           |
|-----------------------------|--|-----------------|-----------|
| <b>Description</b>          | Pipestone County Comprehensive Local Water Management  |                 |           |
|                             | A Technician was hired by SW Prairie TSA and employee costs will be shared between, Nobles, Murray and Pipestone County. This person will provide survey and design engineering services. Costs based on \$75,000 annually / divided by three. |                 |           |
| <b>Category</b>             | TECHNICAL/ENGINEERING ASSISTANCE   |                 |           |
| <b>Start Date</b>           | 22-Feb-17  | <b>End Date</b> | 31-Dec-17 |
| <b>Has Rates and Hours?</b> | No   |                 |           |
| <b>Actual Results</b>       | Southwest Prairie TSA employed a technician who completed survey and design of conservation practices in Nobles, Murray and Pipestone Counties.  |                 |           |

### Grant Activity - Soil Erosion - 2017 Technical Assistance

|                             |  |                 |           |
|-----------------------------|--|-----------------|-----------|
| <b>Description</b>          | Pipestone County Comprehensive Local Water Management  |                 |           |
|                             | Pay SW Prairie TSA for Engineering services provided and billed. Services will be for survey, design, cost estimates and construction check out of erosion control projects associated with this workplan. |                 |           |
| <b>Category</b>             | TECHNICAL/ENGINEERING ASSISTANCE   |                 |           |
| <b>Start Date</b>           | 22-Feb-17  | <b>End Date</b> | 08-Jan-18 |
| <b>Has Rates and Hours?</b> | No   |                 |           |
| <b>Actual Results</b>       | Southwest Prairie engineer and technician completed survey, design and cost estimated of conservation projects for 15 producers. Eight of these producers have applied for EQIP funding.                   |                 |           |

### Grant Activity - Water and Storage Treatment - 2017 Administration

|                             |  |                 |           |
|-----------------------------|--|-----------------|-----------|
| <b>Description</b>          | Pipestone County Comprehensive Local Water Management  |                 |           |
|                             | Funds will be spent by Administrator and SWCD staff to complete the administration of the grant. Administration includes, but is not limited to, completing the required eLINK reporting, supervision of staff, coordination of activities necessary to complete the activities associated with this grant, and updating the SWCD Board on the progress of grant activities. |                 |           |
| <b>Category</b>             | ADMINISTRATION/COORDINATION  |                 |           |
| <b>Start Date</b>           | 22-Feb-17  | <b>End Date</b> | 08-Jan-18 |
| <b>Has Rates and Hours?</b> | Yes  |                 |           |
| <b>Actual Results</b>       | Capacity funds and programs were administered, staff were supervised, activities were completed and elink reporting was completed. Funds provided Administrator 90 hours at \$55.74 per hour.  |                 |           |

### Grant Activity - Water and Storage Treatment - 2017 Staffing Capacity

|                             |   |                 |           |
|-----------------------------|---|-----------------|-----------|
| <b>Description</b>          | Pipestone County Comprehensive Local Water Management   |                 |           |
|                             | Funds used to compensate existing staff for wage increases based on comp worth study completed.   |                 |           |
| <b>Category</b>             | ADMINISTRATION/COORDINATION   |                 |           |
| <b>Start Date</b>           | 22-Feb-17   | <b>End Date</b> | 08-Jan-18 |
| <b>Has Rates and Hours?</b> | No  |                 |           |
| <b>Actual Results</b>       | Based on compensation study conducted, all swcd staff received an increase and were placed on a new pay scale. Funds used to allow district to provide this increase in wage to maintain experienced staff. |                 |           |

### Grant Attachments

| Document Name                                     | Document Type      | Description  |
|---|--------------------|--|
| <b>2017 SWCD Local Capacity Services</b>          | Grant Agreement    | 2017 SWCD Local Capacity Services - Pipestone SWCD   |
| <b>2017 SWCD Local Capacity Services executed</b> | Grant Agreement    | 2017 SWCD Local Capacity Services - Pipestone SWCD   |
| <b>All Details Report</b>                         | Workflow Generated | Workflow Generated - All Details Report - 02/08/2018 |
| <b>All Details Report</b>                         | Workflow Generated | Workflow Generated - All Details Report - 01/08/2018 |
| <b>All Details Report</b>                         | Workflow Generated | Workflow Generated - All Details Report - 02/08/2018 |
| <b>All Details Report</b>                         | Workflow Generated | Workflow Generated - All Details Report - 01/09/2019 |
| <b>All Details Report</b>                         | Workflow Generated | Workflow Generated - All Details Report - 02/19/2019 |



| Document Name                                    | Document Type      | Description  |
|--|--------------------|--|
| <b>All Details Report</b>                        | Workflow Generated | Workflow Generated - All Details Report - 01/26/2018 |
| <b>Allocation Verification</b>                   | Grant              | 2017 - SWCD Local Capacity Services (Pipestone SWCD) |
| <b>CY17 Pipestone SWCD eLINK Reporting Needs</b> | Journal            | Journal Dated - 01/26/2018                           |
| <b>Financial Report</b>                          | Grant              | 2017 - SWCD Local Capacity Services (Pipestone SWCD) |
| <b>P17-4200 Reconciliation B Checklist</b>       | Journal            | Journal Dated - 02/27/2018                           |
| <b>Pipestone SWCD CY18 eLINK Reporting Needs</b> | Journal            | Journal Dated - 02/19/2019                           |
| <b>Work Plan</b>                                 | Workflow Generated | Workflow Generated - Work Plan - 01/02/2018          |
| <b>Work Plan</b>                                 | Workflow Generated | Workflow Generated - Work Plan - 12/14/2017          |
| <b>Work Plan</b>                                 | Workflow Generated | Workflow Generated - Work Plan - 02/16/2017          |
| <b>Work Plan</b>                                 | Workflow Generated | Workflow Generated - Work Plan - 01/31/2017          |
| <b>Work Plan</b>                                 | Workflow Generated | Workflow Generated - Work Plan - 01/05/2018          |
| <b>Work Plan</b>                                 | Workflow Generated | Workflow Generated - Work Plan - 01/23/2017          |
| <b>Work Plan</b>                                 | Workflow Generated | Workflow Generated - Work Plan - 01/04/2019          |
| <b>Work Plan</b>                                 | Workflow Generated | Workflow Generated - Work Plan - 01/05/2017          |
| <b>Work Plan</b>                                 | Workflow Generated | Workflow Generated - Work Plan - 01/23/2017          |