

**Grant All-Detail Report**

**Cost Share 2017**

**Grant Title -** 2017 - State Cost-Share Fund (Lincoln SWCD)

**Grant ID** - P17-9070

**Organization -** Lincoln SWCD

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| --- | --- | --- | --- |
| Original Awarded Amount | $15,527.00 | Grant Execution Date |  |
| Required Match Amount | $3,881.75 | **Original Grant End Date** | 12/31/2018 |
| Required Match % | 25% | **Grant Day To Day Contact** | Dale Sterzinger |
| Current Awarded Amount | $15,527.00 | **Current End Date** | 12/31/2018 |

## Budget Summary

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| --- | --- | --- | --- |
|  | Budgeted | Spent | Balance Remaining\* |
| Total Grant Amount | $15,527.00 | $15,527.00 | $0.00 |
| Total Match Amount | $4,665.93 | $4,665.93 | $0.00 |
| Total Other Funds | $0.00 | $0.00 | $0.00 |
| **Total** | **$20,192.93** | **$20,192.93** | **$0.00** |

*\*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 |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Administration | Administration/Coordination | Current State Grant | 2017 - State Cost-Share Fund (Lincoln SWCD) | $368.50 | $368.50 | 9/6/2017 | N |
| Engineering Assistance/Conrad Schardin Grade Stabilization | Technical/Engineering Assistance | Current State Grant | 2017 - State Cost-Share Fund (Lincoln SWCD) | $1,222.50 | $1,222.50 | 6/21/2017 | N |
| FY17-01-Glen Petersen-Grade Stab. Project | Agricultural Practices | Current State Grant | 2017 - State Cost-Share Fund (Lincoln SWCD) | $10,014.00 | $10,014.00 | 9/13/2017 | N |
| FY17-01-Glen Petersen-Grade Stab. Project | Agricultural Practices | Landowner Fund | FY17 Landowner Share | $3,338.00 | $3,338.00 | 9/13/2017 | Y |
| FY17-02 David Boulton | Agricultural Practices | Current State Grant | 2017 - State Cost-Share Fund (Lincoln SWCD) | $3,922.00 | $3,922.00 | 9/19/2018 | N |
| FY17-02 David Boulton | Agricultural Practices | Landowner Fund | Landowner Match | $1,327.93 | $1,327.93 | 9/19/2018 | Y |

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## Activity Details Summary

| Activity Details | Total Action Count | Total Activity Mapped | Proposed Size / Unit | Actual Size / Unit |
| --- | --- | --- | --- | --- |
| 412 - Grassed Waterway and Swales | 1 | 1 | 765 LINEAR FEET | 765 LINEAR FEET |
| 410 - Grade Stabilization Structure | 1 | 1 | 1 COUNT | 1 COUNT |

**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 |
| SOIL (EST. SAVINGS) | 20.81 | TONS/YR |
| SEDIMENT (TSS) | 14.29 | TONS/YR |
| PHOSPHORUS (EST. REDUCTION) | 14.57 | LBS/YR |

## Grant Activity

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| **Grant Activity - Administration** | | | |
| Description | Administration and Coordination of the FY17 State Cost Share Program. | | |
| Category | ADMINISTRATION/COORDINATION | | |
| Start Date | 18-Aug-16 | **End Date** | 06-Sep-17 |
| Has Rates and Hours? | No | | |
| Actual Results | As of 12-31-17, $368.50 was spent on Administration and Coordination of the FY17 State Cost Share Program. 6.3 hours @ $58.43 from August 17th, 2017 to September 6th, 2017. | | |

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| **Grant Activity - Engineering Assistance/Conrad Schardin Grade Stabilization** | | | |
| Description | Engineering Assistance/Conrad Schardin Grade Stabilization | | |
| Category | TECHNICAL/ENGINEERING ASSISTANCE | | |
| Start Date | 18-Aug-16 | **End Date** | 21-Jun-17 |
| Has Rates and Hours? | No | | |
| Actual Results | As of December 31st, 2017, $1222.50 was spent on technical engineering assistance by Bolton & Menk for design work completed by Area 2 on the Verdi section 1 Grade Stabilization structure (Conrad Schardin Project). The $1222.50 is a portion of the 20% administration dollars that the SWCD can use from the grant. | | |

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| **Grant Activity - FY17-01-Glen Petersen-Grade Stab. Project** | | | |
| Description | FY17-01-Glen Petersen-Grade Stab. Project | | |
| Category | AGRICULTURAL PRACTICES | | |
| Start Date | 18-Aug-16 | **End Date** | 16-Aug-17 |
| Has Rates and Hours? | No | | |
| Actual Results | As of December 31st, 2017, the grade stabilization project on the Glen Petersen project has been completed. Total project cost of $13,352 of which 75% ($10,014) was paid out of the FY17 State Cost Share funds. SWPTSA designed and seen the project through to the finish. | | |

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| Activity Action - FY17-01-Glen Petersen-Grade Stab. Project | | | |
| Practice | 410 - Grade Stabilization Structure | **Count of Activities** | 1 |
| Description | 1-Grade Stabilization Project | | |
| Proposed Size / Units | 1.00 COUNT | **Lifespan** | 25 Years |
| Actual Size/Units | 1.00 COUNT | **Installed Date** | 10-Aug-17 |
| Mapped Activities | 1 Point(s) | | |

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| **Final Indicator for FY17-01-Glen Petersen-Grade Stab. Project** | | | |
| **Indicator Name** | PHOSPHORUS (EST. REDUCTION) | **Value** | 2.16 |
| **Indicator Subcategory/Units** | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR | **Calculation Tool** | BWSR CALC (GULLY STABILIZATION) |
| **Waterbody** | Flandreau Creek | | |
| **Final Indicator for FY17-01-Glen Petersen-Grade Stab. Project** | | | |
| **Indicator Name** | SOIL (EST. SAVINGS) | **Value** | 8.4 |
| **Indicator Subcategory/Units** | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | **Calculation Tool** | BWSR CALC (GULLY STABILIZATION) |
| **Waterbody** | Flandreau Creek | | |
| **Final Indicator for FY17-01-Glen Petersen-Grade Stab. Project** | | | |
| **Indicator Name** | SEDIMENT (TSS) | **Value** | 1.88 |
| **Indicator Subcategory/Units** | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | **Calculation Tool** | BWSR CALC (GULLY STABILIZATION) |
| **Waterbody** | Flandreau Creek | | |

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| **Grant Activity - FY17-02 David Boulton** | | | |
| Description | Installed a 765 foot waterway with tile for erosion control. Included dirt work, tile, seed, seeding and mulching of the waterway. Total cost of 5249.93. of which $3922 was approved for cost share. | | |
| Category | AGRICULTURAL PRACTICES | | |
| Start Date | 18-Oct-17 | **End Date** | 19-Sep-18 |
| Has Rates and Hours? | No | | |
| Actual Results | A 765 foot waterway was installed in cooperation with the neighbor to the west. A large amount of water flows through the area and outlets into the Yellow Medicine River. The project resulted in reductions of 12.41 t/y of Sediment, 12.41 T/y Soil and 12.41 T/y Phosphorus. | | |

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| Activity Action - FY17-02 David Boulton | | | |
| Practice | 412 - Grassed Waterway and Swales | **Count of Activities** | 1 |
| Description | Waterway construction of 765 linear feet. | | |
| Proposed Size / Units | 765.00 LINEAR FEET | **Lifespan** | 10 Years |
| Actual Size/Units | 765.00 LINEAR FEET | **Installed Date** | 19-Sep-18 |
| Mapped Activities | 1 Polygon(s) | | |

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| **Final Indicator for FY17-02 David Boulton** | | | |
| **Indicator Name** | PHOSPHORUS (EST. REDUCTION) | **Value** | 12.41 |
| **Indicator Subcategory/Units** | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR | **Calculation Tool** | BWSR CALC (SHEET AND RILL) |
| **Waterbody** | Yellow Medicine River | | |
| **Final Indicator for FY17-02 David Boulton** | | | |
| **Indicator Name** | SEDIMENT (TSS) | **Value** | 12.41 |
| **Indicator Subcategory/Units** | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | **Calculation Tool** | BWSR CALC (SHEET AND RILL) |
| **Waterbody** | Yellow Medicine River | | |
| **Final Indicator for FY17-02 David Boulton** | | | |
| **Indicator Name** | SOIL (EST. SAVINGS) | **Value** | 12.41 |
| **Indicator Subcategory/Units** | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | **Calculation Tool** | BWSR CALC (SHEET AND RILL) |
| **Waterbody** | Yellow Medicine River | | |

## Grant Attachments

| Document Name | Document Type | Description |
| --- | --- | --- |
| 2017 SWCD Programs and Operations Addendum | Grant Agreement | 2017 Programs and Operations Addendum - Lincoln SWCD |
| 2017 SWCD Programs and Operations Addendum executed | Grant Agreement | 2017 Programs and Operations Addendum - Lincoln SWCD |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 01/28/2019 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 02/12/2018 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 01/19/2018 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 03/23/2018 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 01/03/2019 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 01/28/2019 |
| Financial Report | Grant | 2017 - State Cost-Share Fund (Lincoln SWCD) |