**Grant All-Detail Report**

**WCA-NRBG 2017**

**Grant Title -** 2017 - Wetland Conservation Act - NRBG (Redwood County)

**Grant ID** - P17-3732

**Organization -** Redwood County

|  |  |  |  |
| --- | --- | --- | --- |
| **Grant Awarded Amount**  **Required Match Amount**  **Required Match %** | **$10,387.00** | **Grant Execution Date**  **Grant End Date**  **Grant Day To Day Contact** |  |
| $10,387.00 | 12/31/2018 |
| 100% | Marilyn Bernhardson |

**Budget Summary**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Budgeted** | **Spent** | **Balance Remaining\*** |
| Total Grant Amount | $10,387.00 | $10,387.00 | $0.00 |
| Total Match Amount | $11,017.00 | $4,440.09 | $6,576.91 |
| Total Other Funds | $4,689.60 | $4,689.60 | $0.00 |

**Total $26,093.60 $19,516.69 $6,576.91**

*\*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** | **Matchi ng**  **Fund** |
| 2017 WCA Landowner  Match/Contribution | Agricultural Practices | Landowner Fund | 2017 Wetland Conservation  Act - NRBG (Redwood County)  Landowner  Match/Contribution | $630.00 | | $630.00 | 12/13/2017 | Y |
| A Schiller Nutrient Mgmt WCA Flex  Funds used for Land & Water Treatment | Non-Structural  Management  Practices | Local Fund | 2017 - Wetland Conservation  Act - NRBG (Redwood County) In-kind/Match | | $1,500.00 |  |  | Y |
| Administration/Coordination | Administration /Coordination | Current  State Grant | 2017 - Wetland Conservation  Act - NRBG (Redwood County) | | $1,816.53 | $1,816.53 | 12/31/2017 | N |
| **Activity Name** | **Activity Category** | **Source Type** | **Source Description** | **Budgeted** | | **Spent** | **Last**  **Transaction**  **Date** | **Matchi ng**  **Fund** |
| Administration/Coordination | Administration /Coordination | Local Fund | 2017 - Wetland Conservation  Act - NRBG (Redwood County)  In-kind/Match | $2,574.54 | | $497.63 | 11/30/2017 | Y |
| Billmeier Basin | Agricultural Practices | Current  State Grant | 2017 - Wetland Conservation  Act - NRBG (Redwood County) | $1,412.34 | | $1,412.34 | 12/13/2017 | N |
| Billmeier Basin | Agricultural Practices | Local Fund | 2017 - Wetland Conservation  Act - NRBG (Redwood County)  In-kind/Match | $2,512.46 | | $2,512.46 | 12/13/2017 | Y |
| Billmeier Basin | Agricultural Practices | Other Funds | 2016 - State Cost -Share Fund (Redwood SWCD) Landowner  Contribution/Match | $1,791.00 | | $1,791.00 | 12/13/2017 | Y |
| Billmeier Basin | Agricultural Practices | Other Funds | 2016 - State Cost-Share Fund  (Redwood SWCD) | $1,436.25 | | $1,436.25 | 12/13/2017 | N |
| Billmeier Basin | Agricultural Practices | Other Funds | 2017 - State Cost-Share Fund  (Redwood SWCD) | $294.75 | | $294.75 | 12/13/2017 | N |
| Billmeier Basin | Agricultural Practices | Other Funds | 2017 - State Cost-Share Fund  (Redwood SWCD) Landowner  Match/Contribution | $94.26 | | $94.26 | 12/13/2017 | Y |
| Education/Information | Education/Info rmation | Current  State Grant | 2017 - Wetland Conservation  Act - NRBG (Redwood County) | $6,731.47 | | $6,731.47 | 9/6/2017 | N |
| J Sorenson Nutrient Mgmt WCA Flex  Funds used for Land & Water  Treatment | Agricultural Practices | Local Fund | 2017 - Wetland Conservation  Act - NRBG (Redwood County)  In-kind/Match | $1,500.00 | |  |  | Y |
| Jeff Soren Nutrient Mgmt WCA Flex  Funds used for Land & Water  Treatment | Non-Structural  Management  Practices | Local Fund | 2017 - Wetland Conservation  Act - NRBG (Redwood County)  In-kind/Match | $1,500.00 | |  |  | Y |
| Ourada Cover Crops WCA Flex  Funds used for Land & Water  Treatment | Agricultural Practices | Local Fund | 2017 - Wetland Conservation Act - NRBG (Redwood SWCD)  In-kind/Match | $800.00 | | $800.00 | 11/1/2017 | Y |
| R Dolezal Nutrient Mgmt WCA Flex  Funds used for Land & Water  Treatment | Non-Structural  Management  Practices | Current  State Grant | 2017 - Wetland Conservation  Act - NRBG (Redwood County) | $426.66 | | $426.66 | 12/13/2017 | N |

R Dolezal Nutrient Mgmt WCA Flex Non-Structural Other Funds $1,073.34 $1,073.34 12/13/2017 N

2016 - Wetland Conservation

Funds used for Land & Water Management

Act - NRBG (Redwood County)

Treatment Practices

**Activity Details Summary**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Activity Details** | **Total Action Count** | **Total Activity Mapped** | **Proposed Size / Unit** | **Actual Size / Unit** |
| 590 - Nutrient Management | 1 | 1 | 250 AC | 250 AC |
| 340 - Cover Crop | 40 | 1 | 40 AC | 40 AC |
| 590 - Nutrient Management | 2 |  | 250 AC | AC |
| 638 - Water and Sediment Control  Basin | 1 | 1 | 1 COUNT | 1 COUNT |

**Proposed Activity Indicators**

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

**Final Indicators Summary**

|  |  |  |
| --- | --- | --- |
| **Indicator Name** | **Total Value** | **Unit** |
| **SEDIMENT (TSS)** | 14.18 | TONS/YR |
| **PREVENTION** | 6.00 | COUNT |
| **PHOSPHORUS (EST. REDUCTION)** | 16.40 | LBS/YR |
| **SOIL (EST. SAVINGS)** | 14.49 | TONS/YR |

**Grant Activity**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Grant Activity - 2017 WCA Landowner Match/Contribution** | | | | | | | | |
| **Description**  **Category**  **Start Date**  **Has Rates and Hours?** | | This will be the landowner match/contribution for Nutrient Mgmt practice for which an incentive payment was received. | | | | | | |
| AGRICULTURAL PRACTICES | | | | | | |
| 12-Apr-17 | | **End Date** | | 13-Dec-17 | | |
| No | | | | | | |
| **Actual Results** | | Nutrient Mgmt was implemented on 250 acres for which the landowner received an incentive payment as well as paid a portion for implementation. | | | | | | |
| **Grant Activity - A Schiller Nutrient Mgmt WCA Flex Funds used for Land & Water Treatment** | | | | | | | | |
| **Description**  **Category**  **Start Date** | | A Schiller Nutrient Mgmt WCA Flex Funds used for Land & Water Treatment. Landowner will do grid sampling on 250 acres to assist with variable rate of fertilizer. He will receive an incentive payment when it has been completed. | | | | | | |
| NON-STRUCTURAL MANAGEMENT PRACTICES | | | | | | |
| 12-Apr-17 | | **End Date** | |  | | |
| **Has Rates and Hours?**  **Actual Results** | | No | | | |
| Landowner contacts were made, a cost share contract has been signed and this practice was approved by the SWCD board. | | | | | | |
| **Activity Action - A Schiller Nutrient Mgmt WCA Flex Funds used for Land & Water Treatment** | | | | | |  |
| **Practice**  **Description**  **Proposed Size / Units**  **Actual Size/Units** | | 590 - Nutrient Management | | **Count of Activities** | | 1 |
| Landowner will do grid sampling on 250 acres. | | | |  |
| 250.00 AC | | **Lifespan**  **Installed Date** | | 1 Year |
| AC | |  |
| **Mapped Activities** | | No | | | |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Grant Activity - Administration/Coordination** | | | |
| **Description** | Redwood SWCD will continue to be the local governmental unit (LGU) for all areas of Redwood County except the tribal lands. We will continue to promote the importance of WCA through various methods, such as radio programs, newspaper articles, educational outreach activities and individual contacts. All aspects of WCA administration will be delivered, including but not limited to applications, boundary/type determinations, no-loss determinations, exemptions, replacement plans and violations and banking projects. Similar to past years, the LGU staff will continue to attend training sessions to improve their knowledge in order to be as educated as possible for the citizens of Redwood County. | | |
| **Category**  **Start Date**  **Has Rates and Hours?**  **Actual Results** | ADMINISTRATION/COORDINATION | | |
| 21-Sep-16 | **End Date** | 31-Dec-18 |
| Yes | | |
| 12/31/16 No activity associated with this grant.  5/31/17 Wages paid out - $139.34.  June-Dec 2017 wages paid out - $1,677.19.  WAGES:  Conservation Specialist - 40.5 hours X 39.81 = $1,612.31(adj by negative 4.82 to FY18 WCA Grant) use $1,607.49 District Administrator - 3 hours X 69.68 = $209.04  Total wages pd out of the FY17 WCA Grant: $1,816.53. | | |
| **Grant Activity - Billmeier Basin** |  | | |
| **Description**  **Category**  **Start Date**  **Has Rates and Hours?**  **Actual Results** | Landowner has requested cost share assistance on a project to help control gully erosion. | | |
| AGRICULTURAL PRACTICES | | |
| 14-Jun-17 | **End Date** | 13-Dec-17 |
| No | | |
| Site visits were made and it was decided that a water & sediment control basin would be the best practice for this site. Design, survey, staking & construction has been completed in accordance with technical standards and specifications of the (638) water and sediment control basin. Kurt Mathiowetz, WQT assisted Brian Pfarr, Resource Specialist with this project. Pfarr has the proper JAA for basins. He did the final inspection and has received the as-built. Payment has been issued to the landowner. Multiple funding sources were used to complete this project. FY16 & FY17 Cost-Share, FY17 WCA  Grant & FY17 WCA Grant Match via Flex funds as well as a landowner contribution. | | |

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|  | **Activity Action - Billmeier Basin** | | | | | | | | |
| **Practice**  **Description**  **Proposed Size / Units**  **Actual Size/Units** | | | 638 - Water and Sediment Control  Basin | | **Count of Activities** | | | 1 |
| To eliminate some gully erosion by a water and sediment control basin has been installed. | | | | | |
| 1.00 COUNT | | **Lifespan**  **Installed Date** | | | 10 Years |
| 1.00 COUNT | | 13-Dec-17 |
| **Mapped Activities** | | | 1 Point(s) | | | | | |
| **Final Indicator for Billmeier Basin** | | | | | | | | | |
| **Indicator Name** | | | SEDIMENT (TSS) | | | | **Value** | 14.09 | |
| **Indicator Subcategory/Units** | | | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | | | | **Calculation Tool** | BWSR CALC (GULLY STABILIZATION) | |
| **Waterbody** | | | 28103 | | | | | | |
| **Final Indicator for Billmeier Basin** | | | | | | | | | |
| **Indicator Name** | | | SOIL (EST. SAVINGS) | | | | **Value** | 14.09 | |
| **Indicator Subcategory/Units** | | | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | | | | **Calculation Tool** | BWSR CALC (GULLY STABILIZATION) | |
| **Waterbody** | | | 28103 | | | | | | |
| **Final Indicator for Billmeier Basin** | | | | | | | | | |
| **Indicator Name** | | | PHOSPHORUS (EST. REDUCTION) | | | | **Value** | 16.20 | |
| **Indicator Subcategory/Units** | | | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR | | | | **Calculation Tool** | BWSR CALC (GULLY STABILIZATION) | |
| **Waterbody** | | | 28103 | | | | | | |
| **Grant Activity - Education/Information** | | | | | | | | | |
| **Description**  **Category**  **Start Date** | | Funds will be used to purchase a Rainfall Simulator in conjunction with Renville & McLeod SWCDs. It will be used for presentations to inform & educate producers in Redwood County. | | | | | | | |
| EDUCATION/INFORMATION | | | | | | | |
| 21-Sep-16 | | | **End Date** | | | 31-Dec-18 | |
| **Has Rates and Hours?**  **Actual Results** | | No | | | | | | | |
| Rainfall simulator has been purchased. Redwood SWCD's portion is 6,231.47 plus an admin fee for FY17 for maintenance:  500.00. Total paid out for the Rainfall Simulator: $6,731.47 | | | | | | | |

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| **Grant Activity - J Sorenson Nutrient Mgmt WCA Flex Funds used for Land & Water Treatment** | | | | | | | | |
| **Description**  **Category**  **Start Date**  **Has Rates and Hours?**  **Actual Results** | | J Sorenson Nutrient Mgmt WCA Flex Funds used for Land & Water Treatment | | | | | | |
| AGRICULTURAL PRACTICES   |  |  | | --- | --- | | **End Date** |  |   No | | | | | | |
|  | | | | | | |
| **Grant Activity - Jeff Soren Nutrient Mgmt WCA Flex Funds used for Land & Water Treatment** | | | | | | | | |
| **Description** | | Jeff Sorenson Nutrient Mgmt WCA Flex Funds used for Land & Water Treatment. Landowner will do grid sampling on 250 acres to assist with variable rate of fertilizer. He will receive an incentive payment when it has been completed. | | | | | | |
| **Category**  **Start Date**  **Has Rates and Hours?**  **Actual Results** | | NON-STRUCTURAL MANAGEMENT PRACTICES | | | | | | |
| 12-Apr-17 | | **End Date** | |  | | |
| No | | | |
| Landowner contacts were made, a cost share contract was signed and this practice was approved by the SWCD board. | | | | | | |
| **Activity Action - Jeff Sorenson Nutrient Mgmt WCA Flex Funds used for Land & Water Treatment** | | | | | |  |
| **Practice**  **Description**  **Proposed Size / Units**  **Actual Size/Units** | | 590 - Nutrient Management | | **Count of Activities** | | 1 |
| Landowner will do grid sampling on 250 acres. | | | |  |
| 250.00 AC | | **Lifespan**  **Installed Date** | | 1 Year |
| AC | |  |
| **Mapped Activities** | | No | | | |  |
| **Grant Activity - Ourada Cover Crops WCA Flex Funds used for Land & Water Treatment** | | | | | | | | |
| **Description**  **Category** | | Landowner will receive an incentive payment for trying cover crops on 40 acres. | | | | | | |
| AGRICULTURAL PRACTICES | | | | | | |
| **Start Date**  **Has Rates and Hours?**  **Actual Results** | | 19-Oct-17 | | **End Date** | | 01-Nov-17 | | |
| No | | | | | | |
| Cover crop was planted on 40 acres for which the landowner received an incentive payment. | | | | | | |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Activity Action - Ourada Cover Crops WCA Flex Funds used for Land & Water Treatment** | | | | | | | | |
| **Practice** | | | 340 - Cover Crop | | **Count of Activities** | | | 40 |
| **Description**  **Proposed Size / Units** | | | 40 acres of cover crop were planted for which an incentive payment was made. | | | | | |
| 40.00 AC | | **Lifespan** | | | Unknown |
| **Actual Size/Units** | | | 40.00 AC | | **Installed Date** | | | 1-Nov-17 |
| **Mapped Activities** | | | 1 Polygon(s) | | | | | |
| **Final Indicator for Ourada Cover Crops WCA Flex Funds used for Land & Water Treatment** | | | | | | | | | |
| **Indicator Name** | | | SOIL (EST. SAVINGS) | | | | **Value** | .40 | |
| **Indicator Subcategory/Units** | | | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | | | | **Calculation Tool** | Other | |
| **Waterbody** | | | 27030 | | | | | | |
| **Final Indicator for Ourada Cover Crops WCA Flex Funds used for Land & Water Treatment** | | | | | | | | | |
| **Indicator Name** | | | SEDIMENT (TSS) | | | | **Value** | .09 | |
| **Indicator Subcategory/Units** | | | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | | | | **Calculation Tool** | Other | |
| **Waterbody** | | | 27030 | | | | | | |
| **Final Indicator for Ourada Cover Crops WCA Flex Funds used for Land & Water Treatment** | | | | | | | | | |
| **Indicator Name** | | | PHOSPHORUS (EST. REDUCTION) | | | | **Value** | .20 | |
| **Indicator Subcategory/Units** | | | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR | | | | **Calculation Tool** | Other | |
| **Waterbody** | | | 27030 | | | | | | |
| **Final Indicator for Ourada Cover Crops WCA Flex Funds used for Land & Water Treatment** | | | | | | | | | |
| **Indicator Name** | | | PREVENTION | | | | **Value** | 1 | |
| **Indicator Subcategory/Units** | | | POLLUTION PREVENTION COUNT | | | | **Calculation Tool** | Other | |
| **Waterbody** | | | 27030 | | | | | | |
| **Final Indicator for Ourada Cover Crops WCA Flex Funds used for Land & Water Treatment** | | | | | | | | | |
| **Indicator Name** | | | PREVENTION | | | | **Value** | 1 | |
| **Indicator Subcategory/Units** | | | POLLUTION PREVENTION COUNT | | | | **Calculation Tool** | Other | |
| **Waterbody** | | | 27030 | | | | | | |
| **Final Indicator for Ourada Cover Crops WCA Flex Funds used for Land & Water Treatment** | | | | | | | | | |
| **Indicator Name** | | | PREVENTION | | | | **Value** | 1 | |
| **Indicator Subcategory/Units** | | | POLLUTION PREVENTION COUNT | | | | **Calculation Tool** | Other | |
| **Waterbody** | | | 27030 | | | | | | |
| **Grant Activity - R Dolezal Nutrient Mgmt WCA Flex Funds used for Land & Water Treatment** | | | | | | | | | |
| **Description**  **Category**  **Start Date**  **Has Rates and Hours?**  **Actual Results** | | R Dolezal Nutrient Mgmt WCA Flex Funds used for Land & Water Projects. Landowner will do grid sampling on 250 acres to assist with variable rate of fertilizer. He will receive an incentive payment when it has been completed. | | | | | | | |
| NON-STRUCTURAL MANAGEMENT PRACTICES | | | | | | | |
| 12-Apr-17 | | | **End Date** | | | 13-Dec-17 | |
| No | | | | | | | |
| Landowner contacts were made, a cost share contract was signed and this practice was approved by the SWCD board. 1,073.34 will come out of FY16 WCA Grant and the balance of 426.66 will come out of FY17 WCA Grant. Practice has been completed, bills submitted and the landowner has received an incentive payment. | | | | | | | |
|  | **Activity Action - R Dolezal Nutrient Mgmt WCA Flex Funds used for Land & Water Treatment** | | | | | | |  | |
| **Practice**  **Description**  **Proposed Size / Units**  **Actual Size/Units** | | | 590 - Nutrient Management | | **Count of Activities** | |  | 1 |
| Landowner will implement grid sampling on 250 acres. | | | |  | |
| 250.00 AC | | **Lifespan**  **Installed Date** | |  | 1 Year |
| 250.00 AC | | 13-Dec-17 |
| **Mapped Activities** | | | 1 Polygon(s) | | | |  | |
| **Final Indicator for R Dolezal Nutrient Mgmt WCA Flex Funds used for Land & Water Treatment** | | | | | | | |  | |
| **Indicator Name** | | | PREVENTION | | | | **Value** | 1 | |
| **Indicator Subcategory/Units** | | | POLLUTION PREVENTION COUNT | | | | **Calculation Tool** | Other | |
| **Waterbody** | | | 28099 | | | | |  | |
| **Final Indicator for R Dolezal Nutrient Mgmt WCA Flex Funds used for Land & Water Treatment** | | | | | | | |  | |
| **Indicator Name** | | | PREVENTION | | | | **Value** | 1 | |
| **Indicator Subcategory/Units** | | | POLLUTION PREVENTION COUNT | | | | **Calculation Tool** | Other | |
| **Waterbody** | | | 28099 | | | | |  | |
| **Final Indicator for R Dolezal Nutrient Mgmt WCA Flex Funds used for Land & Water Treatment** | | | | | | | |  | |
| **Indicator Name** | | | PREVENTION | | | | **Value** | 1 | |
| **Indicator Subcategory/Units** | | | POLLUTION PREVENTION COUNT | | | | **Calculation Tool** | Other | |
| **Waterbody** | | | 28099 | | | | |  | |

**Grant Attachments**

|  |  |  |
| --- | --- | --- |
| **Document Name** | **Document Type** | **Description** |
| **2017 NRBG Addendum** | Grant Agreement | 2017 Natural Resources Block Grant Addendum - Redwood County |

|  |  |  |
| --- | --- | --- |
| **Document Name** | **Document Type** | **Description** |
| **2017 NRBG Addendum executed** | Grant Agreement | 2017 Natural Resources Block Grant Addendum - Redwood County |
| **All Details Report** | Workflow Generated | Workflow Generated - All Details Report - 02/01/2018 |
| **All Details Report** | Workflow Generated | Workflow Generated - All Details Report - 01/17/2018 |
| **All Details Report** | Workflow Generated | Workflow Generated - All Details Report - 01/26/2018 |
| **All Details Report** | Workflow Generated | Workflow Generated - All Details Report - 01/17/2017 |
| **All Details Report** | Grant | 2017 - Wetland Conservation Act - NRBG (Redwood County) |
| **All Details Report** | Workflow Generated | Workflow Generated - All Details Report - 03/20/2017 |
| **Annual WCA Report** | Grant | 2017 - Wetland Conservation Act - NRBG (Redwood County) |

**FY17 Reporting Form** Grant 2017 - Wetland Conservation Act - NRBG (Redwood County)

of **10**