



Grant All-Detail Report Projects and Practices 2020

Grant Title - Partridge River E. Coli Reduction Match

Grant ID - C20-6440

Organization - Todd SWCD

| | | | |
|--------------------------------|--------------------|---------------------------------|-------------------|
| Original Awarded Amount | \$81,909.00 | Grant Execution Date | 4/6/2020 |
| Required Match Amount | \$20,477.25 | Original Grant End Date | 12/31/2022 |
| Required Match % | 25% | Grant Day To Day Contact | Sarah Katterhagen |
| Current Awarded Amount | \$81,909.00 | Current End Date | 12/31/2023 |

Budget Summary

| | Budgeted | Spent | Balance Remaining* |
|--------------------|---------------------|---------------------|--------------------|
| Total Grant Amount | \$81,909.00 | \$60,593.13 | \$21,315.87 |
| Total Match Amount | \$13,510.38 | \$6,930.38 | \$6,580.00 |
| Total Other Funds | \$165,313.07 | \$165,313.07 | \$0.00 |
| Total | \$260,732.45 | \$232,836.58 | \$27,895.87 |

**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 |
|----------------------|------------------------------|---------------------|---|-------------|------------|-----------------------|---------------|
| Cost Share Practices | Special Projects | Current State Grant | Partridge River E. Coli Reduction Match | \$15,870.00 | | | N |
| Grant Administration | Administration /Coordination | Current State Grant | Partridge River E. Coli Reduction Match | \$4,095.47 | \$1,774.59 | 12/31/2022 | N |
| Harris Pit Closure | Livestock Waste Management | Current State Grant | Partridge River E. Coli Reduction Match | \$4,320.00 | \$4,320.00 | 1/12/2023 | N |

| Activity Name | Activity Category | Source Type | Source Description | Budgeted | Spent | Last Transaction Date | Matching Fund |
|--------------------|----------------------------|---------------------|---|-------------|-------------|-----------------------|---------------|
| Harris Pit Closure | Livestock Waste Management | Landowner Fund | Landowner | \$7,200.00 | | | Y |
| Harris Pit Closure | Livestock Waste Management | Other Funds | Partridge River E. coli Reduction Project- Phase II | \$17,280.00 | \$17,280.00 | 1/12/2023 | N |
| Jasmer Pit Closure | Livestock Waste Management | Other Funds | Landowner | \$20,638.87 | \$20,638.87 | 11/10/2022 | Y |
| Jasmer Pit Closure | Livestock Waste Management | Other Funds | Partridge River E. coli Reduction Project- Phase II | \$21,000.00 | \$21,000.00 | 11/10/2022 | N |
| Kimber Pit Closure | Livestock Waste Management | Current State Grant | Partridge River E. Coli Reduction Match | \$4,844.59 | \$4,844.59 | 11/19/2021 | N |
| Kimber Pit Closure | Livestock Waste Management | Other Funds | Partridge River E. Coli Reduction | \$19,378.34 | \$19,378.34 | 11/19/2021 | N |
| Kuhn Pit Closure | Livestock Waste Management | Current State Grant | Partridge River E. Coli Reduction Match | \$6,285.00 | \$6,285.00 | 11/10/2022 | N |
| Kuhn Pit Closure | Livestock Waste Management | Landowner Fund | Match for MPCA Grant | \$10,475.00 | \$10,475.00 | 11/10/2022 | N |
| Kuhn Pit Closure | Livestock Waste Management | Other Funds | Partridge River E. coli Reduction Project- Phase II | \$25,140.00 | \$25,140.00 | 11/10/2022 | N |
| Lenz Pit Closure | Livestock Waste Management | Current State Grant | Partridge River E. Coli Reduction Match | \$4,076.82 | \$4,076.82 | 11/10/2022 | N |
| Lenz Pit Closure | Livestock Waste Management | Landowner Fund | Match for MPCA Partridge River II | \$6,265.00 | \$6,265.00 | 11/10/2022 | N |

| Activity Name | Activity Category | Source Type | Source Description | Budgeted | Spent | Last Transaction Date | Matching Fund |
|--|----------------------------------|---------------------|---|------------|------------|-----------------------|---------------|
| Lenz Pit Closure | Livestock Waste Management | Other Funds | Partridge River E. coli Reduction Project- Phase II | \$9,108.18 | \$9,108.18 | 11/10/2022 | N |
| Linn Smith Pit Closure - Pit #2 | Livestock Waste Management | Current State Grant | Partridge River E. Coli Reduction Match | \$1,875.00 | \$1,875.00 | 12/9/2021 | N |
| Linn Smith Pit Closure - Pit #2 | Livestock Waste Management | Landowner Fund | Match for MPCA Fund | \$3,125.00 | \$3,125.00 | 12/10/2021 | N |
| Linn Smith Pit Closure - Pit #2 | Livestock Waste Management | Other Funds | Partridge River E. Coli Reduction | \$7,500.00 | \$7,500.00 | 12/9/2021 | N |
| MPCA Partridge River Phase I - Admin Match | Administration /Coordination | Federal Funds | Match | \$1,924.00 | \$2,544.00 | 6/30/2021 | Y |
| MPCA Partridge River Phase I - Project Development Match | Planning and Assessment | Federal Funds | Match | \$2,820.48 | \$2,820.48 | 12/31/2020 | Y |
| MPCA Partridge River Phase I- Technical Match | Technical/Engineering Assistance | Federal Funds | Match | \$1,284.27 | \$1,284.27 | 12/31/2020 | Y |
| MPCA Partridge River Phase II - Administration | Administration /Coordination | Federal Funds | Match | \$23.57 | \$23.57 | 3/31/2021 | Y |
| MPCA Partridge River Phase II Project Development | Project Development | Federal Funds | Match | \$258.06 | \$258.06 | 12/31/2020 | Y |
| Smith Pit Closure | Livestock Waste Management | Current State Grant | Partridge River E. Coli Reduction Match | \$1,312.50 | \$1,312.50 | 10/8/2020 | N |
| Smith Pit Closure | Livestock Waste Management | Landowner Fund | Match for MPCA Fund | \$4,525.90 | \$4,525.90 | 10/8/2020 | N |
| Smith Pit Closure | Livestock Waste Management | Other Funds | Partridge River E. Coli Reduction | \$5,515.21 | \$5,515.21 | 10/8/2020 | N |

| Activity Name | Activity Category | Source Type | Source Description | Budgeted | Spent | Last Transaction Date | Matching Fund |
|----------------------|----------------------------------|---------------------|---|-------------|-------------|-----------------------|---------------|
| Technical Assistance | Technical/Engineering Assistance | Current State Grant | Partridge River E. Coli Reduction Match | \$12,286.03 | \$9,161.04 | 12/31/2022 | N |
| Voge Pit Closure | Livestock Waste Management | Current State Grant | Partridge River E. Coli Reduction Match | \$26,943.59 | \$26,943.59 | 7/14/2022 | N |
| Voge Pit Closure | Livestock Waste Management | Other Funds | Landowner | \$14,555.16 | \$14,555.16 | 7/14/2022 | Y |
| Voge Pit Closure | Livestock Waste Management | Other Funds | Partridge River E. Coli Reduction | \$806.41 | \$806.41 | 7/14/2022 | N |

Activity Details Summary

| Activity Details | Total Action Count | Total Activity Mapped | Proposed Size / Unit | Actual Size / Unit |
|-------------------------------------|--------------------|-----------------------|----------------------|--------------------|
| 360 - Closure of Waste Impoundments | 1 | 1 | 14400 SQUARE FEET | 14400 SQUARE FEET |
| 360 - Closure of Waste Impoundments | 5 | 3 | 1 COUNT | 1 COUNT |
| 360 - Closure of Waste Impoundments | 1 | 2 | 2 COUNT | 2 COUNT |
| 360 - Closure of Waste Impoundments | 1 | 1 | 1134 SQUARE FEET | 1134 SQUARE FEET |

Proposed Activity Indicators

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

Final Indicators Summary

| Indicator Name | Total Value | Unit |
|------------------------------------|-------------------------------|--------|
| NUTRIENTS (NITRATE) | 284.00 | LBS/YR |
| NITROGEN | 12.00 | LBS/YR |
| PATHOGENS (E. COLI) | 19,020,000,001,228,113. 00 | CFU |
| PHOSPHORUS (EST. REDUCTION) | 7.00 | LBS/YR |

Grant Activity

Grant Activity - Cost Share Practices

| | | |
|-----------------------------|--|-----------------|
| Description | <p>This project will reduce Escherichia coli (E. coli) loading caused by outdated, unlined manure storage basins, unrestricted access of livestock to streams, and a lack of properly functioning vegetative buffers on the Partridge River in northern Todd County, Minnesota. The Partridge River is a major tributary to the headwaters of the Crow Wing River, a highly recreated river for fishing and water enthusiasts. The Partridge River (07010106-518) was placed on the EPA's 303(d) list of impaired waters in 2014 for high E. coli contributions by livestock operations. E. coli reductions will be achieved through closure of nine outdated manure storage basins, installation of 6 livestock access control projects, increased buffer areas, and the construction of winter manure storage areas.</p> <p>Seven of the nine failure manure storage basins are placed in sandier soils within 300 feet of the river. Average water tables in the area indicate depths of 4.5 feet placing the basin floors at or into the water table. EPA studies have shown high levels of bacteria accumulating in shallow aquifers from outdated, poorly lined manure basins, or simply excavated into native soils.</p> <p>Livestock with unrestricted access to streams provide a direct source of E. coli to streams by defecation. In addition, this process loads nitrogen, phosphorus, and other nutrients directly to the stream. In conjunction, increased buffer areas provide filtering of run off from livestock wastes leading to a reduction of E. coli loading.</p> <p>Closing the nine basins will meet water quality standards in dry conditions and reduce E. coli counts by 10.7% in medium conditions and by 2.9% in the wettest conditions. Additional reductions will be reach by removal inputs of E. coli from cattle.</p> | |
| Category | SPECIAL PROJECTS | |
| Start Date | 1-May-20 | End Date |
| Has Rates and Hours? | No | |
| Actual Results | <p>01-31-21- Cost share dollars were applied towards the closure of one manure pit in 2020.</p> <p>01-31-22- An additional two pits were closed and paid out on in 2021. With two pits currently encumbered.</p> <p>12/31/22: Staff requested an extension while Manager was on long term leave. Extension granted. This grant is almost entirely spent down. in 2022, we completed three projects which resulted in the closure of 5 outdated manure pits within 500 feet of surface waters with impacts to groundwater. a fourth project was completed on the technical level but at the end of 2022, paperwork was still in process for payment.</p> | |

Grant Activity - Grant Administration

| | | | |
|-----------------------------|---|-----------------|--|
| Description | Adminstration of this grant will be provided by Todd SWCD employees. This category will cover cost share payments, grant reporting, and other administrative duties related to this grant. | | |
| Category | ADMINISTRATION/COORDINATION | | |
| Start Date | 1-Jan-21 | End Date | |
| Has Rates and Hours? | No | | |
| Actual Results | 01-31-2021- no grant hours were applied to this grant under administration to date. 01/31/2022- 4 hours of Administration hours were applied in 2021 involving the processing of cost-share contracts and tracking. 12/31/2022- 31.5 hours of Admin were applied to this grant in 2022. | | |

Grant Activity - Harris Pit Closure

| | | | |
|-----------------------------|--|-----------------|--|
| Description | Closed outdated Ag Waste Pit | | |
| Category | LIVESTOCK WASTE MANAGEMENT | | |
| Start Date | 13-Oct-22 | End Date | |
| Has Rates and Hours? | No | | |
| Actual Results | 12/31/2022: Funds were encumbered, project was installed (pit stalled) in December of 2022, and paperwork was in review process and preparing for payment approval at the end of 2022. | | |

Activity Action - Harris Pit Closure

| | | | |
|------------------------------|---|--------------------------------------|---------------|
| Practice | 360 - Closure of Waste Impoundments | Count of Activities | 1 |
| Description | Closed Unused Ag Waste Manure Storage Structure | | |
| Proposed Size / Units | 1.00 COUNT | Lifespan | In Perpetuity |
| Actual Size/Units | 1.00 COUNT | Installed Date | 12-Jan-23 |
| Mapped Activities | 1 Point(s) | Technical Assistance Provider | SWCD |

Final Indicator for Harris Pit Closure

| | | | |
|------------------------------------|--|-------------------------|-------------|
| Indicator Name | NITROGEN | Value | 1 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR | Calculation Tool | NP-BMP Tool |
| Waterbody | Egly Creek | | |

| Final Indicator for Harris Pit Closure | | | |
|--|--|------------------|-------------|
| Indicator Name | PHOSPHORUS (EST. REDUCTION) | Value | 1 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR | Calculation Tool | NP-BMP Tool |
| Waterbody | Egly Creek | | |

| Final Indicator for Harris Pit Closure | | | |
|--|---|------------------|---------|
| Indicator Name | PATHOGENS (E. COLI) | Value | 2.8E+15 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) CFU | Calculation Tool | Other |
| Waterbody | Egly Creek | | |

| Grant Activity - Kimber Pit Closure | | | |
|-------------------------------------|---|----------|-----------|
| Description | One manure pit was closed on the banks of a ditch system in the Partridge River Watershed. | | |
| Category | LIVESTOCK WASTE MANAGEMENT | | |
| Start Date | 9-Sep-21 | End Date | 12-Nov-21 |
| Has Rates and Hours? | No | | |
| Actual Results | 11/12/2021Pit was successfully excavated to be free of all contaminants, transfer pipe was removed, backfilling, and Critical Area Planting were successful. Pit was certified as closed by the MPCA. | | |

| Activity Action - Kimber pit closure | | | |
|--------------------------------------|-------------------------------------|-------------------------------|-----------|
| Practice | 360 - Closure of Waste Impoundments | Count of Activities | 1 |
| Description | Ag Waste Impoundment | | |
| Proposed Size / Units | 14,400.00 SQUARE FEET | Lifespan | 10 Years |
| Actual Size/Units | 14,400.00 SQUARE FEET | Installed Date | 19-Nov-21 |
| Mapped Activities | 1 Point(s) | Technical Assistance Provider | SWCD |

| Final Indicator for Kimber pit closure | | | |
|--|---|------------------|--------|
| Indicator Name | PATHOGENS (E. COLI) | Value | 220752 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) CFU | Calculation Tool | Other |
| Waterbody | Little Partridge Creek | | |

| Grant Activity - Kuhn Pit Closure | | | |
|-----------------------------------|--|----------|-----------|
| Description | Closed two outdated ag waste pits | | |
| Category | LIVESTOCK WASTE MANAGEMENT | | |
| Start Date | 12-Aug-21 | End Date | 10-Nov-22 |
| Has Rates and Hours? | No | | |
| Actual Results | 12/31/22 Closed two outdated ag waste pits on this site. | | |

| Activity Action - Kuhn Pit Closure | | | |
|------------------------------------|-------------------------------------|-------------------------------|---------------|
| Practice | 360 - Closure of Waste Impoundments | Count of Activities | 1 |
| Description | Closed 2 unused ag waste pits | | |
| Proposed Size / Units | 2.00 COUNT | Lifespan | In Perpetuity |
| Actual Size/Units | 2.00 COUNT | Installed Date | 10-Nov-22 |
| Mapped Activities | 2 Point(s) | Technical Assistance Provider | SWCD |

| Final Indicator for Kuhn Pit Closure | | | |
|--------------------------------------|---|------------------|---------|
| Indicator Name | PATHOGENS (E. COLI) | Value | 9.9E+15 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) CFU | Calculation Tool | Other |
| Waterbody | Partridge River | | |

| Final Indicator for Kuhn Pit Closure | | | |
|--------------------------------------|--|------------------|-------|
| Indicator Name | NITROGEN | Value | 5 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR | Calculation Tool | Other |
| Waterbody | Partridge River | | |

| Grant Activity - Lenz Pit Closure | | | |
|-----------------------------------|--|----------|-----------|
| Description | Closure of outdated manure pit in the partridge River watershed. | | |
| Category | LIVESTOCK WASTE MANAGEMENT | | |
| Start Date | 8-Sep-22 | End Date | 10-Nov-22 |
| Has Rates and Hours? | No | | |
| Actual Results | 12/31/2022: Close one outdated Ag Waste Pit | | |

| Activity Action - Lenz Pit Closure | | | |
|------------------------------------|-------------------------------------|-------------------------------|---------------|
| Practice | 360 - Closure of Waste Impoundments | Count of Activities | 1 |
| Description | Closed unused ag waste pit | | |
| Proposed Size / Units | 1.00 COUNT | Lifespan | In Perpetuity |
| Actual Size/Units | 1.00 COUNT | Installed Date | 10-Nov-22 |
| Mapped Activities | 1 Point(s) | Technical Assistance Provider | SWCD |

| Final Indicator for Lenz Pit Closure | | | |
|--------------------------------------|---|------------------|---------|
| Indicator Name | PATHOGENS (E. COLI) | Value | 1.6E+15 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) CFU | Calculation Tool | Other |
| Waterbody | Type 3 wetland complex and high water table | | |

| Grant Activity - Linn Smith Pit Closure - Pit #2 | | | |
|--|---|----------|-----------|
| Description | Pit closure in the Partridge River Watershed with likely contamination to groundwater. | | |
| Category | LIVESTOCK WASTE MANAGEMENT | | |
| Start Date | 12-Aug-21 | End Date | 09-Dec-21 |
| Has Rates and Hours? | No | | |
| Actual Results | 12/31/21:Ag Waste Impoundment. Pit was fully excavated, backfilled, and the Critical Area Planting was successful. All contaminated material was land applied at agronomic rates. | | |

| Activity Action - Smith Farm #2 Pit Closure | | | |
|---|-------------------------------------|-------------------------------|----------|
| Practice | 360 - Closure of Waste Impoundments | Count of Activities | 1 |
| Description | Round Ag Waste Impoundment | | |
| Proposed Size / Units | 1,134.00 SQUARE FEET | Lifespan | 10 Years |
| Actual Size/Units | 1,134.00 SQUARE FEET | Installed Date | 9-Dec-21 |
| Mapped Activities | 1 Point(s) | Technical Assistance Provider | SWCD |

| Final Indicator for Smith Farm #2 Pit Closure | | | |
|---|--|------------------|-------|
| Indicator Name | NUTRIENTS (NITRATE) | Value | 284 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR | Calculation Tool | Other |
| Waterbody | Groundwater | | |

Grant Activity - MPCA Partridge River Phase I -Admin Match

| | | | |
|----------------------|---|----------|-----------|
| Description | Match funds from the MPCA Partridge River Phase I grant. By recommendation of BWSR was to create new activity, (don't link as not entire grant), for match tracking purposes | | |
| Category | ADMINISTRATION/COORDINATION | | |
| Start Date | 1-Jan-21 | End Date | 31-Aug-22 |
| Has Rates and Hours? | No | | |
| Actual Results | 01-31-21. The grant administrative match for 2020 was provided through the MPCA 319 Partridge River 1 grant. 01-31-2022 Same as above. 39.5 hours were applied for grant administration match in 2021. 8/31/2022: 61.5 hours were applied for grant administrative match in 2022. | | |

Grant Activity - MPCA Partridge River Phase I -Project Development Match

| | | | |
|----------------------|---|----------|-----------|
| Description | Match funds from the MPCA Partridge River Phase I grant. By recommendation of BWSR was to create new activity, (don't link as not entire grant), for match tracking purposes | | |
| Category | PLANNING AND ASSESSMENT | | |
| Start Date | 1-Jan-21 | End Date | 31-Aug-22 |
| Has Rates and Hours? | No | | |
| Actual Results | 01-31-2021: To date, match hours for project development for projects done under this grant have been billed to the existing MPCA 319 Partridge River grant and none have been invoiced or reported to the BWSR CWF grant at this time. 01-31-2022: 14.5 hours were invoiced in 2021. 08/31/2022: 0 | | |

Grant Activity - MPCA Partridge River Phase I- Technical Match

| | | | |
|----------------------|---|----------|-----------|
| Description | Match funds from the MPCA Partridge River Phase I grant. By recommendation of BWSR was to create new activity, (don't link as not entire grant), for match tracking purposes | | |
| Category | TECHNICAL/ENGINEERING ASSISTANCE | | |
| Start Date | 1-Mar-19 | End Date | 31-Aug-22 |
| Has Rates and Hours? | No | | |
| Actual Results | 01-31-2021_ all SWCD technical hours to date have reported under the MPCA 319 grants and none to the BWSR CWF Partridge River Match at this time. 01.31.2022 14.5 hours of SWCD technical time was applied as match in 2021. 08/31/2022: 0 hrs. | | |

Grant Activity - MPCA Partridge River Phase II - Administration

| | | | |
|----------------------|---|----------|--|
| Description | Grant Cash Match - MPCA Grant | | |
| Category | ADMINISTRATION/COORDINATION | | |
| Start Date | 1-Mar-20 | End Date | |
| Has Rates and Hours? | No | | |
| Actual Results | 01.31.2022: 10.5 hours of administrative time was applied as match in 2021. 12/31/22: 25 hrs of match were applied in 2022 to admin duties | | |

Grant Activity - MPCA Partridge River Phase II Project Development

| | | | |
|----------------------|--|----------|--|
| Description | Match hours used for Project Development from MPCA Partridge River II | | |
| Category | PROJECT DEVELOPMENT | | |
| Start Date | 1-Mar-20 | End Date | |
| Has Rates and Hours? | No | | |
| Actual Results | 01-31-2021 Work done by SWCD technical staff in the area of project development was charged to the MPCA 319 Partridge River Phase 2 grant for one livestock crossing. 01-31-2022: No match spent in 2021 in project development 12:31/22 3.75 hours of match were applied in 2022. | | |

| Grant Activity - Smith Pit Closure | | | |
|------------------------------------|---|----------|-----------|
| Description | closure of unpermitted manure pit | | |
| Category | LIVESTOCK WASTE MANAGEMENT | | |
| Start Date | 14-May-20 | End Date | 08-Oct-20 |
| Has Rates and Hours? | No | | |
| Actual Results | 01.21.2021 Closed outdated manure pit.- October 8 2020. | | |

| Activity Action - Smith Pit Closure | | | |
|-------------------------------------|-------------------------------------|-------------------------------|---------------|
| Practice | 360 - Closure of Waste Impoundments | Count of Activities | 1 |
| Description | Closed Unused Manure Pit | | |
| Proposed Size / Units | 1.00 COUNT | Lifespan | In Perpetuity |
| Actual Size/Units | 1.00 COUNT | Installed Date | 8-Oct-20 |
| Mapped Activities | 1 Point(s) | Technical Assistance Provider | SWCD |

| Final Indicator for Smith Pit Closure | | | |
|---------------------------------------|---|------------------|--------|
| Indicator Name | PATHOGENS (E. COLI) | Value | 828000 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) CFU | Calculation Tool | Other |
| Waterbody | Co. Ditch 15- Partridge R. | | |

| Grant Activity - Technical Assistance | | | |
|---------------------------------------|---|----------|-----------|
| Description | Technical assistance will be provided by Todd SWCD employees and Area 2 technical and engineering staff. | | |
| | Todd SWCD has 3 full time technicians available will the applicable JAA available to approve practices upon request. Projects will be completed based on the Field Office Technical Guide Standards. | | |
| Category | TECHNICAL/ENGINEERING ASSISTANCE | | |
| Start Date | 6-Apr-20 | End Date | 31-Aug-22 |
| Has Rates and Hours? | No | | |
| Actual Results | 01-31-2021- Hours billed from West Central Area 2 TSA engineering and technical staff for a site survey and work on a livestock crossing project on the Little Partridge River. 01-31-2022 Hours billed from West Central Area 2 TSA engineering and technical staff for a site survey and work on a livestock crossing project on the Little Partridge River. 08/31/2022: 0 hrs. | | |

| Grant Activity - Voge Pit Closure | | | |
|-----------------------------------|--|----------|-----------|
| Description | Close Outdated Manure Storage Basin | | |
| Category | LIVESTOCK WASTE MANAGEMENT | | |
| Start Date | 12-May-22 | End Date | 14-Jul-22 |
| Has Rates and Hours? | No | | |
| Actual Results | 12/31/2022: a total of three pits were closed on this site: two concrete and one earthen | | |

| Activity Action - Voge Pit Closure | | | |
|------------------------------------|-------------------------------------|-------------------------------|---------------|
| Practice | 360 - Closure of Waste Impoundments | Count of Activities | 1 |
| Description | | | |
| Proposed Size / Units | 1.00 COUNT | Lifespan | In Perpetuity |
| Actual Size/Units | 1.00 COUNT | Installed Date | 14-Jul-22 |
| Mapped Activities | No | Technical Assistance Provider | SWCD |

| Final Indicator for Voge Pit Closure | | | |
|--------------------------------------|--|------------------|-------|
| Indicator Name | NITROGEN | Value | 6 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR | Calculation Tool | Other |

| | | | |
|---|--|-------------------------|--------|
| Waterbody | ditch, lg. wetland complex, and Bear Creek | | |
| Final Indicator for Voge Pit Closure | | | |
| Indicator Name | PATHOGENS (E. COLI) | Value | 179361 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) CFU | Calculation Tool | Other |
| Waterbody | ditch, wetland complex, Bear Creek | | |

Grant Attachments

| Document Name | Document Type | Description |
|--|------------------------------|--|
| 2020 Competitive Amendment EXECUTED | Grant Agreement Amendment | |
| 2020 Competitive Grant | Grant Agreement | 2020 Competitive Grant - Todd SWCD |
| 2020 Competitive Grant EXECUTED | Grant Agreement | 2020 Competitive Grant - Todd SWCD |
| 2021 BWSR PR Match All Details | Grant | Partridge River E. Coli Reduction Match |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 02/09/2021 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 01/30/2023 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 01/30/2023 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 01/28/2023 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 02/02/2022 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 01/31/2022 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 02/02/2023 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 01/31/2021 |
| Application | Workflow Generated | Workflow Generated - Application - 09/09/2019 |
| Grant Agreement | Grant | Partridge River E. Coli Reduction Match |
| Grant Agreement_Corrected | Grant | Partridge River E. Coli Reduction Match |
| Grant Amendment - C20-6440 Partridge River E Coli Match | Grant Agreement Amendment | |
| Grant Project Area | Grant | Partridge River E. Coli Reduction Match |
| PartridgeRiverReportSummary | Grant | Partridge River E. Coli Reduction Match |
| Work Plan | Workflow Generated | Workflow Generated - Work Plan - 01/22/2020 |
| Work Plan | Workflow Generated | Workflow Generated - Work Plan - 11/17/2020 |
| Work Plan | Workflow Generated | Workflow Generated - Work Plan - 03/03/2020 |
| Work Plan | Workflow Generated | Workflow Generated - Work Plan - 02/20/2020 |

| Document Name | Document Type | Description |
|---|---------------|---|
| grantmap_24912_2019-09-05_11-35-40-AM.jpg | Grant | Partridge River E. Coli Reduction Match |