



Grant All-Detail Report Cost Share 2019

Grant Title - 2019 - State Cost-Share Fund (Todd SWCD)

Grant ID - P19-1158

Organization - Todd SWCD

Original Awarded Amount	\$16,595.00	Grant Execution Date	9/26/2017
Required Match Amount	\$4,148.75	Original Grant End Date	12/31/2020
Required Match %	25%	Grant Day To Day Contact	Sarah Katterhagen
Current Awarded Amount	\$16,595.00	Current End Date	12/31/2020

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$16,595.00	\$16,595.00	\$0.00
Total Match Amount	\$5,269.25	\$5,269.25	\$0.00
Total Other Funds	\$14,607.51	\$14,607.51	\$0.00
Total	\$36,471.76	\$36,471.76	\$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 & Technical Assistance	Administration /Coordination	Current State Grant	2019 - State Cost-Share Fund (Todd SWCD)	\$3,319.01	\$3,319.01	11/30/2020	N
Cost Share Funds	Special Projects	Current State Grant	2019 - State Cost-Share Fund (Todd SWCD)	\$2,840.00	\$2,840.00	11/12/2020	N
Dingmann Shoreline Project	Streambank or Shoreline Protection	Current State Grant	2019 - State Cost-Share Fund (Todd SWCD)	\$378.70	\$378.70	12/10/2020	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Dingmann Shoreline Project	Streambank or Shoreline Protection	Landowner Fund	Landowner	\$1,648.00	\$1,648.00	12/10/2020	Y
Dingmann Shoreline Project	Streambank or Shoreline Protection	Other Funds	2020 - State Cost-Share Fund (Todd SWCD)	\$1,321.05	\$1,321.05	12/10/2020	N
Johnson Pit Closure	Livestock Waste Management	Current State Grant	2019 - State Cost-Share Fund (Todd SWCD)	\$8,817.00	\$8,817.00	6/12/2019	N
Johnson Pit Closure	Livestock Waste Management	Other Funds	2018 - State Cost-Share Fund (Todd SWCD)	\$137.50	\$137.50	6/12/2019	N
Johnson Pit Closure	Livestock Waste Management	Other Funds	2019 - SWCD Local Capacity Services (Todd SWCD)	\$12,045.50	\$12,045.50	6/12/2019	N
Landowner	Special Projects	Landowner Fund	Landowner fund	\$2,840.00	\$2,840.00	11/12/2020	Y
Swan Lake LID Grade Stabilization	Special Projects	Current State Grant	2019 - State Cost-Share Fund (Todd SWCD)	\$1,240.29	\$1,240.29	12/10/2020	N
Swan Lake LID Grade Stabilization	Special Projects	Landowner Fund	Landowner	\$781.25	\$781.25	12/10/2020	Y
Swan Lake LID Grade Stabilization	Special Projects	Other Funds	2020 - State Cost-Share Fund (Todd SWCD)	\$1,103.46	\$1,103.46	12/10/2020	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
580 - Streambank and Shoreline Protection	1	2	6084 SQUARE FEET	6084 SQUARE FEET
360 - Closure of Waste Impoundments	2	2	1 COUNT	1 COUNT
351 - Well Decommissioning	12	12	1 COUNT	1 COUNT

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
410 - Grade Stabilization Structure	1	1	1 COUNT	1 COUNT

Proposed Activity Indicators

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
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Final Indicators Summary

Indicator Name	Total Value	Unit
PATHOGENS (E. COLI)	13,798.38	CFU
SOIL (EST. SAVINGS)	138.00	TONS/YR
SEDIMENT (TSS)	138.00	TONS/YR
PHOSPHORUS (EST. REDUCTION)	131.00	LBS/YR

Grant Activity

Grant Activity - Administration & Technical Assistance			
Description	Staff wages for Administration and Technical Assistance.		
Category	ADMINISTRATION/COORDINATION		
Start Date	3-Oct-17	End Date	31-Dec-20
Has Rates and Hours?	No		
Actual Results	<p>Report #1: 12/31/2018- No funds have been spent.</p> <p>Report #2 12/31/2019 - Todd SWCD worked with 4 landowners to obtain cost share for well sealing projects, and worked with one landowner for a pit closure project. In December Todd SWCD also obtained two additional cost share contracts for well sealing projects that will be completed in 2020.</p> <p>Report #3 01/24/2021- Staff worked with 10 landowners on 8 well sealings, one grade stabilization project, and one shoreline stabilization project in 2020- work included both administrative and technical duties.</p>		

Grant Activity - Cost Share Funds

Description	Funds will be used for cost share funds.		
Category	SPECIAL PROJECTS		
Start Date	3-Oct-17	End Date	31-Dec-20
Has Rates and Hours?	No		
Actual Results	<p>Report #1: 12/31/2018- No funds have been encumbered or paid out.</p> <p>Report #2: 12/31/2019- Four well seals were completed, and one pit closure project. The pit closure project was piggy backed with other funds to get the landowner 75% cost share rate. Two well seal projects have been encumbered, and are planned to be completed in 2020. The Todd SWCD technicians will work hard to utilizing the remaining of the 2019 funding in 2020.</p> <p>Report #3: 10 projects completed in 2020- 8 well seals, one grade stabilization, and one shoreline stabilization/erosion project. Cost-share FY19 funds been fully expended.</p>		

Activity Action - Hegarty Well Seal

Practice	351 - Well Decommissioning	Count of Activities	1
Description	Well Seal		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	12-Sep-19
Mapped Activities	1 Point(s)	Technical Assistance Provider	

Activity Action - Capko Well Seal

Practice	351 - Well Decommissioning	Count of Activities	1
Description	Seal Abandon Well		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	12-Dec-19
Mapped Activities	1 Point(s)	Technical Assistance Provider	

Activity Action - Ted Utz Well Seal			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Seal Unused Well.		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	12-Dec-19
Mapped Activities	1 Point(s)	Technical Assistance Provider	

Activity Action - Silgjord Well Seal			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Seal Unused Well		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	12-Dec-19
Mapped Activities	1 Point(s)	Technical Assistance Provider	

Activity Action - Pesta Well Seal 13-0019000			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Well Seal		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	11-Jun-20
Mapped Activities	1 Point(s)	Technical Assistance Provider	SWCD

Activity Action - Pesta Well Seal 13-0029800			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Well Seal		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	11-Jun-20
Mapped Activities	1 Point(s)	Technical Assistance Provider	SWCD

Activity Action - Greenwaldt Well Seal 02-0023400			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Well Seal		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	11-Jun-20
Mapped Activities	1 Point(s)	Technical Assistance Provider	SWCD

Activity Action - Greenwaldt Well Seal 02-0003400			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Well Seal		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	11-Jun-20
Mapped Activities	1 Point(s)	Technical Assistance Provider	SWCD

Activity Action - Dille Well Seal			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Seal Unused well		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	12-Nov-20
Mapped Activities	1 Point(s)	Technical Assistance Provider	SWCD

Activity Action - Bense Well Seal			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Seal Unused well		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	12-Nov-20
Mapped Activities	1 Point(s)	Technical Assistance Provider	SWCD

Activity Action - Mertens House Well Seal			
Practice	351 - Well Decommissioning	Count of Activities	1
Description			
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	12-Nov-20
Mapped Activities	1 Point(s)	Technical Assistance Provider	SWCD

Activity Action - Mertens Barn Well Seal			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Unused Well Seal		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	12-Nov-20
Mapped Activities	1 Point(s)	Technical Assistance Provider	SWCD

Grant Activity - Dingmann Shoreline Project			
Description			
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	8-Oct-20	End Date	31-Dec-20
Has Rates and Hours?	No		
Actual Results	01/21/2021: This project was a result of a flaw in design materials. Tree revetments were unable to withstand the pressure from ice and wind erosion and broke away from the shoreline not due to any operation or maintenance failure on the part of the landowner. Since the SWCD was still under contract, the repair was able to be cost-shared. Engineer approved need for repair and redesigned rock armor as a final solution. Project was certified as complete by the engineer and brought to Board for final payment in December of 2020 and approved.		

Activity Action - Dingmann Shoreline Project			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description	Rock armor repair to address engineered material flaw in original design on Big Swan Lake. Former lake shore erosion issue.		
Proposed Size / Units	6,084.00 SQUARE FEET	Lifespan	Unknown
Actual Size/Units	6,084.00 SQUARE FEET	Installed Date	10-Dec-20
Mapped Activities	2 Line(s)	Technical Assistance Provider	NRCS

Final Indicator for Dingmann Shoreline Project

Indicator Name	SOIL (EST. SAVINGS)	Value	48
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Big Swan		

Final Indicator for Dingmann Shoreline Project

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	41
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Big Swan		

Final Indicator for Dingmann Shoreline Project

Indicator Name	SEDIMENT (TSS)	Value	48
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Big Swan Lake		

Grant Activity - Johnson Pit Closure

Description	Closure of one ag waste system to prevent groundwater contamination.		
Category	LIVESTOCK WASTE MANAGEMENT		
Start Date	11-Apr-19	End Date	12-Jun-19
Has Rates and Hours?	No		
Actual Results	Complete closure of one unused/failing manure storage pit. Preconstruction meeting, site inspections and certification completed by SWCD staff.		

Activity Action - Johnson 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	1-Jun-19
Mapped Activities	1 Point(s)	Technical Assistance Provider	

Final Indicator for Johnson Pit Closure			
Indicator Name	PATHOGENS (E. COLI)	Value	1.3797
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Other
Waterbody	Wing River		
Final Indicator for Johnson Pit Closure			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	7
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Other
Waterbody	Wing River		

Grant Activity - Landowner			
Description	Landowner In Kind		
Category	SPECIAL PROJECTS		
Start Date	11-Apr-19	End Date	12-Jun-19
Has Rates and Hours?	No		
Actual Results	Project completed in June of 2019		

Activity Action - Johnson Pit Closure			
Practice	360 - Closure of Waste Impoundments	Count of Activities	1
Description	Open pit along creek was closed		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	
Mapped Activities	1 Point(s)	Technical Assistance Provider	SWCD

Final Indicator for Johnson Pit Closure			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	7

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Other
Waterbody	Wing River		
Final Indicator for Johnson Pit Closure			
Indicator Name	PATHOGENS (E. COLI)	Value	13797
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Other
Waterbody	Wing River		

Grant Activity - Swan Lake LID Grade Stabilization			
Description	Upland erosion grade stabilization outlet from an earlier outdated system was causing heavy erosion into Big Swan Lake. Outlet was redone to specs to end gully erosion.		
Category	SPECIAL PROJECTS		
Start Date	10-Sep-20	End Date	10-Dec-20
Has Rates and Hours?	No		
Actual Results	01/21/2021: Grade Stabilization was certified as complete to design specs by Ross Reiffenberger, P E In December 2020.		

Activity Action - Swan Lake Grade Stabilization			
Practice	410 - Grade Stabilization Structure	Count of Activities	1
Description	Installed a grade stabilization outlet to a preexisting drainage system causing upland erosion into Big Swan Lake		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	10-Dec-20
Mapped Activities	1 Point(s)	Technical Assistance Provider	TSA

Final Indicator for Swan Lake Grade Stabilization			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	76
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Big Swan		
Final Indicator for Swan Lake Grade Stabilization			
Indicator Name	SOIL (EST. SAVINGS)	Value	90
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Big Swan Lake		
Final Indicator for Swan Lake Grade Stabilization			
Indicator Name	SEDIMENT (TSS)	Value	90

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Swan Lake		

Grant Attachments

Document Name	Document Type	Description
2018/2019 Programs and Operations Grants	Grant Agreement	2018/2019 SWCD Programs and Operations Grants - Todd SWCD
2018/2019 Programs and Operations Grants executed	Grant Agreement	2018/2019 SWCD Programs and Operations Grants - Todd SWCD
2020 signed Financial Report	Grant	2019 - State Cost-Share Fund (Todd SWCD)
Activity details P19-1158	Grant	2019 - State Cost-Share Fund (Todd SWCD)
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/19/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/29/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/24/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/29/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/12/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/31/2020