



# Grant All-Detail Report Projects and Practices 2022

**Grant Title** - Granite Lake External Load Reduction as Modelled by PTMApp 3.0

**Grant ID** - C22-3480

**Organization** - Wright SWCD

<b>Original Awarded Amount</b>	<b>\$175,000.00</b>	<b>Grant Execution Date</b>	<b>5/13/2022</b>
<b>Required Match Amount</b>	\$43,750.00	<b>Original Grant End Date</b>	12/31/2024
<b>Required Match %</b>	25%	<b>Grant Day To Day Contact</b>	Alicia O'Hare
<b>Current Awarded Amount</b>	<b>\$175,000.00</b>	<b>Current End Date</b>	12/31/2024

### Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$175,000.00	\$0.00	\$175,000.00
Total Match Amount	\$44,000.00	\$0.00	\$44,000.00
Total Other Funds	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$219,000.00</b>	<b>\$0.00</b>	<b>\$219,000.00</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
Agricultural Practices	Agricultural Practices	Federal Funds	Federal Financial Assistance	\$26,500.00			Y
Agricultural Practices	Agricultural Practices	Landowner Fund	Landowner Contribution	\$17,500.00			Y
Source Reduction	Non-Structural Management Practices	Current State Grant	Granite Lake External Load Reduction as Modelled by PTMApp 3..	\$20,000.00			N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Structural Practices	Agricultural Practices	Current State Grant	Granite Lake External Load Reduction as Modelled by PTMApp 3..	\$120,000.00			N
Wright SWCD Admin/Coordination	Administration /Coordination	Current State Grant	Granite Lake External Load Reduction as Modelled by PTMApp 3..	\$3,000.00			N
Wright SWCD Project Development	Project Development	Current State Grant	Granite Lake External Load Reduction as Modelled by PTMApp 3..	\$9,000.00			N
Wright SWCD Technical Assistance/Engineering	Technical/Engineering Assistance	Current State Grant	Granite Lake External Load Reduction as Modelled by PTMApp 3..	\$23,000.00			N

### Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
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### Proposed Activity Indicators

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
<b>Structural Practices</b>	PHOSPHORUS (EST. REDUCTION)	51 LBS/YR	Granite Lake	PTMApp - Priority Resource	
<b>Structural Practices</b>	SEDIMENT (TSS)	300 TONS/YR	Granite	PTMApp - Priority Resource	

### Final Indicators Summary

Indicator Name	Total Value	Unit
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## Grant Activity

### Grant Activity - Agricultural Practices

Description	Up to eleven sites will be addressed utilizing practices such as water/sediment control, wetland restoration and/or filter strips. Native grasses and flowers will be planted on the earthen berms, subsurface drains will be installed to reduce peak flow output and rock stilling basins may be placed at the outlets. Additionally, a goal of 100 acres of source reduction practices (including but not limited to cover crops, no till, prescribed grazing, etc.).	
Category	AGRICULTURAL PRACTICES	
Start Date		End Date
Has Rates and Hours?	No	
Actual Results		

### Grant Activity - Source Reduction

Description	Up to 100 acres of source reduction practices including but not limited to: cover crops, no till, prescribed grazing, etc.	
Category	NON-STRUCTURAL MANAGEMENT PRACTICES	
Start Date		End Date
Has Rates and Hours?	No	
Actual Results		

**Grant Activity - Structural Practices**

<b>Description</b>	Up to eleven sites will be addressed utilizing practices such as water/sediment control, wetland restoration and/or filter strips. Native grasses and flowers will be planted on the earthen berms, subsurface drains will be installed to reduce peak flow output and rock stilling basins may be placed at the outlets.	
<b>Category</b>	AGRICULTURAL PRACTICES	
<b>Start Date</b>		<b>End Date</b>
<b>Has Rates and Hours?</b>	No	
<b>Actual Results</b>		

**Grant Activity - Wright SWCD Admin/Coordination**

<b>Description</b>	Wright SWDCD will 1. Review and approve the grant agreement. 2. Submit reports to BWSR as prescribed. 3. Track hours put toward grant initiatives in Excel spreadsheet. 4. Prepare contract forms and gather signatures. 5. Make any modification to the grant in eLINK as needed.	
<b>Category</b>	ADMINISTRATION/COORDINATION	
<b>Start Date</b>		<b>End Date</b>
<b>Has Rates and Hours?</b>	Yes	
<b>Actual Results</b>		

**Grant Activity - Wright SWCD Project Development**

<b>Description</b>	Wright SWCD will: 1. Contact prospective landowners to make them aware of grant funds and determine their interest in participating in the program. 2. Conduct preliminary site assessments to verify which conservation practices would be feasible and to verify the preliminary cost estimate. 4. Work with partnering agencies to acquire other cost share funds	
<b>Category</b>	PROJECT DEVELOPMENT	
<b>Start Date</b>		<b>End Date</b>
<b>Has Rates and Hours?</b>	Yes	
<b>Actual Results</b>		

**Grant Activity - Wright SWCD Technical Assistance/Engineering**

<p><b>Description</b></p>	<p>Wright SWCD will 1. Take part in the survey of the project sites for the participating landowners. 2. Assist in the engineered project design and drawing. 3. Be on-site for the practice implementation to verify proper installation. 4. Provide any necessary construction documentation and as-built information. There will be five projects constructed under this initiative: These projects will consist of capturing water that is running off adjacent fields by storing up to a ten year storm event behind a constructed berm, the out-letting that water via underground tile at a reduced rate in a stable location. These structures will be placed at the leading edge of active gullies and will stop the advancement of the gullies by controlling the water entering the system, as well as helping to heal the gully below the structure. The structures will be seeded with native grasses and flowers to help ensure their long-term stability. NRCS Practice Standards Incorporated: 657-Wetland Restoration, 393 - Filter strip, 620-Underground Outlet, 606 - Subsurface Drain, 638 - Water and Sediment Control Basin, The staff working on the project include: Michael Candler, SWCD Natural Resource Engineer, Dan Nadeau, SWCD Resource Conservationist, Luke Johnson, SWCD District Manager, Alicia O'Hare, SWCD Water Resource Specialist, Craig Peterson, NRCS Area Engineer, Katie Evans, NRCS Soil Conservation Technician</p>	
<p><b>Category</b></p>	<p>TECHNICAL/ENGINEERING ASSISTANCE</p>	
<p><b>Start Date</b></p>		<p><b>End Date</b></p>
<p><b>Has Rates and Hours?</b></p>	<p>Yes</p>	
<p><b>Actual Results</b></p>		

## Grant Attachments

Document Name	Document Type	Description
<b>2022 Competitive Grant</b>	Grant Agreement	2022 Competitive Grant - Wright SWCD
<b>2022 Competitive Grant EXECUTED</b>	Grant Agreement	2022 Competitive Grant - Wright SWCD
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/31/2023
<b>Application</b>	Workflow Generated	Workflow Generated - Application - 08/17/2021
<b>Granite Lake External Load Reduction Map</b>	Grant	Granite Lake External Load Reduction as Modelled by PTMApp 3.0
<b>SWCD signed Grant Agreement</b>	Grant	Granite Lake External Load Reduction as Modelled by PTMApp 3.0
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 04/15/2022
<b>grantmap_30993_2021-08-17_03-44-53-PM.jpg</b>	Grant	Granite Lake External Load Reduction as Modelled by PTMApp 3.0