



Grant All-Detail Report

Multipurpose Drainage Management 2021

Grant Title - CD 10 BMP Inventory - Implementation #2

Grant ID - C21-2566

Organization - Wright SWCD

Original Awarded Amount	\$163,000.00	Grant Execution Date	2/12/2021
Required Match Amount	\$40,750.00	Original Grant End Date	12/31/2023
Required Match %	25%	Grant Day To Day Contact	Andrew Grean
Current Awarded Amount	\$163,000.00	Current End Date	12/31/2023

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$163,000.00	\$133,115.50	\$29,884.50
Total Match Amount	\$40,750.00	\$21,810.00	\$18,940.00
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$203,750.00	\$154,925.50	\$48,824.50

**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
CD 10 BMP Inventory - Implementation - Admin/Coordination	Administration /Coordination	Current State Grant	CD 10 BMP Inventory - Implementation #2	\$2,000.00	\$1,467.00	12/31/2022	N
CD 10 BMP Inventory - Implementation - Consulting Technical/Eng.	Technical/Engineering Assistance	Current State Grant	CD 10 BMP Inventory - Implementation #2	\$10,000.00	\$10,000.00	12/28/2021	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
CD 10 BMP Inventory - Implementation - Practices	Agricultural Practices	Current State Grant	CD 10 BMP Inventory - Implementation #2	\$126,000.00	\$116,000.00	12/28/2021	N
CD 10 BMP Inventory - Implementation - Practices	Agricultural Practices	Landowner Fund	CD 10 BMP Inventory - Implementation #2	\$40,750.00	\$21,810.00	12/28/2021	Y
CD 10 BMP Inventory - Implementation - Project Development	Project Development	Current State Grant	CD 10 BMP Inventory - Implementation #2	\$9,000.00	\$1,798.00	12/31/2022	N
CD 10 BMP Inventory - Implementation - Technical/Eng.	Technical/Engineering Assistance	Current State Grant	CD 10 BMP Inventory - Implementation #2	\$16,000.00	\$3,850.50	12/31/2022	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
410 - Grade Stabilization Structure	40	1	40 COUNT	40 COUNT

Proposed Activity Indicators

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
CD 10 BMP Inventory - Implementation - Practices	PHOSPHORUS (EST. REDUCTION)	73.1 LBS/YR	Lake Ann	BWSR CALC (GULLY STABILIZATION)	BWSR Calc with ISG Estimates
CD 10 BMP Inventory - Implementation - Practices	SOIL (EST. SAVINGS)	42.82 TONS/YR	Lake Ann	BWSR CALC (GULLY STABILIZATION)	BWSR Calc with ISG Estimates
CD 10 BMP Inventory - Implementation - Practices	SEDIMENT (TSS)	42.82 TONS/YR	Lake Ann	BWSR CALC (GULLY STABILIZATION)	BWSR Calc with ISG Estimates

Final Indicators Summary

Indicator Name	Total Value	Unit
SEDIMENT (TSS)	55.21	TONS/YR
SOIL (EST. SAVINGS)	55.21	TONS/YR
PHOSPHORUS (EST. REDUCTION)	93.10	LBS/YR

Grant Activity

Grant Activity - CD 10 BMP Inventory - Implementation - Admin/Coordination

Description	<ol style="list-style-type: none"> 1. Submit reports to BWSR as prescribed. 2. Track hours put toward grant initiatives in excel spreadsheet. 3. Prepare contract forms and gather signatures 4. Make any modifications to the grant in eLINK. 	
Category	ADMINISTRATION/COORDINATION	
Start Date	12-Feb-21	End Date
Has Rates and Hours?	Yes	
Actual Results	<p>2021- 5.5 hours of staff time towards grant reporting requirements, contract review and gathering signatures, time tracking.</p> <p>2022 - 11 hours of staff time towards grant reporting requirements.</p>	

Grant Activity - CD 10 BMP Inventory - Implementation - Consulting Technical/Eng.

Description	Time put towards grant for technical/engineering expenses by contracted engineer (ISG staff).		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	18-Oct-21	End Date	28-Dec-21
Has Rates and Hours?	No		
Actual Results	2021 - ISG staff was hired by the Wright County Drainage Authority to engineer and oversee the implementation of all ASIC structures. ASIC construction started in the fall of 2021 with a total of 40 ASIC structures being installed along CD 10. This expenditure represents consulting and technical/engineering services provided by ISG for project implementation.		

Grant Activity - CD 10 BMP Inventory - Implementation - Practices

Description	It is anticipated that 34 Alternative Side Inlet Control Structures (ASIC's - CPS Code 410) will be implemented.		
Category	The benefited landowners of the CD 10 ditch system will provide the required local matching component for this project. AGRICULTURAL PRACTICES		
Start Date	18-Oct-21	End Date	28-Dec-21
Has Rates and Hours?	No		
Actual Results	2021 - ASIC construction started in the fall of 2021 with a total of 40 ASIC structures being installed along CD 10. This expenditure represents costs associated with ASIC implementation such as materials and construction.		

Activity Action - Alternative Side Inlet Control Structure

Practice	410 - Grade Stabilization Structure	Count of Activities	40
Description	40 ASIC's installed along CD 10 in the fall of 2021.		
Proposed Size / Units	40.00 COUNT	Lifespan	15 Years
Actual Size/Units	40.00 COUNT	Installed Date	28-Dec-21
Mapped Activities	1 Point(s)	Technical Assistance Provider	Private Consultant

Final Indicator for Alternative Side Inlet Control Structure

Indicator Name	SOIL (EST. SAVINGS)	Value	55.21
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Other
Waterbody	Lake Ann		

Final Indicator for Alternative Side Inlet Control Structure			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	93.1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Other
Waterbody	Lake Ann		
Final Indicator for Alternative Side Inlet Control Structure			
Indicator Name	SEDIMENT (TSS)	Value	55.21
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Other
Waterbody	Lake Ann		

Grant Activity - CD 10 BMP Inventory - Implementation - Project Development	
Description	<ol style="list-style-type: none"> 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 determine which conservation practices would be feasible and to generate a preliminary cost estimate. 3. Coordinate with the Wright County Drainage Authority for projects located within the ditch easement. 4. Work with landowners on cost share options and grant requirements. 5. Work with partnering agencies to acquire other cost share funds.
Category	PROJECT DEVELOPMENT
Start Date	12-Feb-21 End Date
Has Rates and Hours?	Yes
Actual Results	<p>2021 - 16.5 hours of staff time used towards Project Development. Coordination with drainage authority and ISG in preparation for project implementation which took place in the fall of 2021.</p> <p>2022 - 3.5 hours of staff time used towards Project Development. Coordination with the drainage authority and ISG for additional issues identified within the ROW or within the CD 10 watershed that have not been addressed with the ASIC's implemented to date.</p>

Grant Activity - CD 10 BMP Inventory - Implementation - Technical/Eng.

Description	<ol style="list-style-type: none"> 1. Take part in the survey of the project sites for the participating landowners. 2. Assist in the engineered project design and drawings. 3. Be on-site for the practice implementation to verify proper installation. 4. Provide any necessary construction documentation and as-built information. <p>NRCS Practice Standards likely to be incorporated:</p> <p>410 - Grade Stabilization 620 - Underground Outlet 606 - Subsurface Drain 638 - Water and Sediment Control Basin 362 - Diversion</p> <p>Other eligible activities will be considered where feasible.</p>	
Category	TECHNICAL/ENGINEERING ASSISTANCE	
Start Date	12-Feb-21	End Date
Has Rates and Hours?	Yes	
Actual Results	<p>2021 - 23 hours of SWCD staff review of proposed plans prior to construction. SWCD staff was on-site for some of the project construction. Site visits were conducted after construction was complete to review as-built conditions.</p> <p>2022 - In the spring of 2022 the Wright SWCD utilized a drone and direct on-site inspections to review all of the ASIC's that were constructed in 2021.</p>	

Grant Attachments

Document Name	Document Type	Description
2021 Competitive Grant	Grant Agreement	2021 Competitive Grant - Wright SWCD
2021 Competitive Grant EXECUTED	Grant Agreement	2021 Competitive Grant - Wright SWCD
ASIC Location Figure	Grant	CD 10 BMP Inventory - Implementation #2
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/10/2022
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/27/2023
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/10/2022

Document Name	Document Type	Description
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/10/2022
Application	Workflow Generated	Workflow Generated - Application - 08/17/2020
CD 10 Example Blow Out	Grant	CD 10 BMP Inventory - Implementation #2
CD_10_As_Built	Grant	CD 10 BMP Inventory - Implementation #2
Grant Agreement_SWCD signed	Grant	CD 10 BMP Inventory - Implementation #2
Interim Financial Report	Grant	CD 10 BMP Inventory - Implementation #2
MDM Budget Worksheet	Grant	CD 10 BMP Inventory - Implementation #2
Mapped_Projects_Shapefile	Grant	CD 10 BMP Inventory - Implementation #2
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 02/11/2021
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 12/17/2020
grantmap_28831_2020-08-12_03-59-20-PM.jpg	Grant	CD 10 BMP Inventory - Implementation #2