Grant Progress Report

Watershed Based Implementation Funding IIa 2020

Grant Title: North Fork Crow Watershed FY2020 Watershed-Based Implementation Funding

Grant ID: C20-1005

Grantee: Wright SWCD

Fiscal Agent: Wright SWCD

Grant Day-to-Day Contact: Luke Johnson

Grant Award ($): $1,120,477.00

Required Match (%): 10

Required Match ($): $112,047.70

Grant Execution Date: 10/30/2020

Grant End Date: 12/31/2023

	Total Budgeted	**Total Spent**	Balance Remaining*
Grant Funds	$1,120,477.00	**$1,120,477.00**	$0.00
Match Funds	$157,000.00	**$290,319.56**	($133,319.56)
Other Funds	$0.00	**$0.00**	$0.00
Total	$1,277,477.00	**$1,410,796.56**	($133,319.56)

***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	*Category*	*Source Type*	*Source Description*	*Budgeted*	*Spent*	*Balance Remaining*	*Match Fund?*
Objective 8: Project Coordination & Grant Management	Administration/Coordination	Current State Grant	North Fork Crow Watershed FY2020 Watershed-Based Implementat..	$220,477.00	$233,220.13	($12,743.13)	N
Objective 2:	Agricultural Practices	Current State Grant	North Fork Crow Watershed FY2020	$500,000.00	$504,326.18	($4,326.18)	N

Activity Name	*Category*	*Source Type*	*Source Description*	*Budgeted*	*Spent*	*Balance Remaining*	*Match Fund?*
Agricultural Structural Practices			Watershed-Based Implementat..				
Objective 2: Agricultural Structural Practices	Agricultural Practices	Federal Funds	Federal Match	$100,000.00	$149,588.39	($49,588.39)	Y
Objective 2: Agricultural Structural Practices	Agricultural Practices	Landowner Fund	Landowner Match	$50,000.00	$119,940.36	($69,940.36)	Y
Objective 7: Education Activities	Education/Information	Current State Grant	North Fork Crow Watershed FY2020 Watershed-Based Implementat..	$25,000.00	$12,830.03	$12,169.97	N
Objective 1: Drinking Water Protection	Groundwater	Current State Grant	North Fork Crow Watershed FY2020 Watershed-Based Implementat..	$20,000.00	$7,099.14	$12,900.86	N
Objective 1: Drinking Water Protection	Groundwater	Landowner Fund	Landowner Match	$5,000.00	$3,030.93	$1,969.07	Y
Objective 6: Data Gaps	Inventory/Mapping	Current State Grant	North Fork Crow Watershed FY2020 Watershed-Based Implementat..	$25,000.00	$18,255.05	$6,744.95	N
Objective 3: Agricultural Management Practices	Non-Structural Management Practices	Current State Grant	North Fork Crow Watershed FY2020 Watershed-Based Implementat..	$120,000.00	$136,121.50	($16,121.50)	N
Objective 5: Project Development	Project Development	Current State Grant	North Fork Crow Watershed FY2020 Watershed-Based Implementat..	$100,000.00	$92,865.36	$7,134.64	N
Objective 4: Technical and Engineering Assistance	Technical/Engineering Assistance	Current State Grant	North Fork Crow Watershed FY2020 Watershed-Based Implementat..	$110,000.00	$108,399.95	$1,600.05	N

Activity Name	*Category*	*Source Type*	*Source Description*	*Budgeted*	*Spent*	*Balance Remaining*	*Match Fund?*
Objective 2: Wetland Restoration	Wetland Restoration/Creation	Current State Grant	North Fork Crow Watershed FY2020 Watershed-Based Implementat..	$0.00	$7,359.66	($7,359.66)	N
Objective 2: Wetland Restoration	Wetland Restoration/Creation	Federal Funds	Federal Match	$1,000.00	$11,480.00	($10,480.00)	Y
Objective 2: Wetland Restoration	Wetland Restoration/Creation	Landowner Fund	Landowner Match	$1,000.00	$6,279.88	($5,279.88)	Y

Indicator Summary

Indicator Category	*Proposed Indicator*	*Total Value*	*Unit*
Water Pollution (Reduction Estimates)	Total Suspended Solids (TSS)	1079.5	Mg/L
Water Pollution (Reduction Estimates)	Total Suspended Solids (TSS)	700	Mg/L
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	184.6	Lbs/Yr
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	400	Lbs/Yr

Indicator Category	*Final Indicator*	*Total Value*	*Unit*
Pollution Prevention	Prevention	10	Count
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	1326.84	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	1395.935	Tons/Yr
Water Pollution (Reduction Estimates)	Soil (Est. Savings)	3379.945	Tons/Yr
Stormwater Management	Volume Reduced (Acre-Feet/Year)	51.5	Acre-Feet/Yr
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	1212.77	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	902.81	Tons/Yr
Water Pollution (Reduction Estimates)	Soil (Est. Savings)	904.87	Tons/Yr

Grant Activities

Activity Name: Objective 1: Drinking Water Protection

Activity Category: Groundwater | **Staff time?:** No

Description: The NFCRWPP will utilize funding to complete actions for drinking water protection. Partners will target sealing 10 to 20 abandoned and unused wells within the Lake Koronis, Middle Fork, Jewetts Creek, Washington Creek and North Fork Crow River planning regions. First priority will be given to wells within designated DWSMAs and second priority to wells within areas identified as geologically sensitive. For DWSMAs not identified on the map, additional documentation can be provided by partners for cost-share funds.

The following cost share payment rates will be as follows:

- 75% up to $500 per well in non-priority areas: all of North Fork Major Watershed (excluding Hennepin County)
- 100% up to $2,500 per well in priority areas

Cost share and incentive policy will be reviewed and accepted locally via the partner subcontract with Wright SWCD prior to contract implementation with landowners.
Source: Measurable Goals pg 3-12. Implementation Table Pg 4-4 (Action No. 1, 29, 50, 100). Map on page 2-11.

Budget Details

Source Type	Source Description	Budgeted	Spent	Balance Remaining	Last Transaction Date	Match Fund?
Landowner Fund	Landowner Match	$5,000.00	$3,030.93	$1,969.07	08/14/2023	Y
Current State Grant	North Fork Crow Watershed FY2020 Watershed-Based Implementat..	$20,000.00	$7,099.14	$12,900.86	12/18/2023	N

Actual Results

8/17/2021

No funds have been encumbered to date.

1/28/2022

In 2021, three wells were sealed in the City of Belgrade for a total expenditure of $931.50. This was officially paid on 1/11/2022 after the initial check was voided due to an incorrect amount.

8/22/2022

To date, $1,431.50 has been spent, with another $1,000.00 encumbered.

2/1/2023

To date, $3,524.14 has been spent, with another $500.00 encumbered.

1/25/2024

A total of $7,099.14 in grant funds and $3,030.93 in landowner match was used to seal 11 wells.

Final Indicators

Indicator	Total Value	Unit
Prevention	10	Count

Activity Action Name:	Irving Town Hall	Activity Count: 1
Practice Type:	351 - Well Decommissioning	Size/Units: 1 - Acre-Feet/Yr
TA Provider/JAA:	SWCD	Lifespan: In Perpetuity
Practice Description:	Unused well sealed	Install Date: 07/29/2022
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Prevention	Count	1	Other	Groundwater

Activity Action Name:	Lynn Holland	Activity Count: 1
Practice Type:	351 - Well Decommissioning	Size/Units: 1 - Acre-Feet/Yr
TA Provider/JAA:	SWCD	Lifespan: In Perpetuity
Practice Description:		Install Date: 07/25/2022
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Prevention	Count	1	Unknown	Groundwater

Activity Action Name:	City of Belgrade	Activity Count: 3
Practice Type:	351 - Well Decommissioning	Size/Units: 3 - Acre-Feet/Yr
TA Provider/JAA:	TSA	Lifespan: In Perpetuity
Practice Description:	Unused well sealing (decommissioning)	Install Date: 11/05/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Prevention	Count	1	Other	Groundwater

Activity Action Name:	Heinz Rebecca	Activity Count: 2
Practice Type:	351 - Well Decommissioning	Size/Units: 2 - Acre-Feet/Yr
TA Provider/JAA:	TSA	Lifespan: In Perpetuity
Practice Description:	Abandoned Irrigation Wells	Install Date: 11/15/2022
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Prevention	Count	2	Other	Groundwater

Activity Action Name:	NF-FY20-39 - Noah Lee - Well Decommissioning	Activity Count: 1
Practice Type:	351 - Well Decommissioning	Size/Units: 1 - Acre-Feet/Yr
TA Provider/JAA:	SWCD	Lifespan: In Perpetuity
Practice Description:	Well Decommission	Install Date: 06/27/2023
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Prevention	Count	1	Other	Groundwater

Activity Action Name:	Pommier Well Sealing	Activity Count: 1
Practice Type:	351 - Well Decommissioning	Size/Units: 2 - Acre-Feet/Yr
TA Provider/JAA:	SWCD	Lifespan: In Perpetuity
Practice Description:		Install Date: 06/01/2023
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Prevention	Count	2	Other	Groundwater

Activity Action Name:	Jeff Henricksen NF-FY20-38	Activity Count: 2
Practice Type:	351 - Well Decommissioning	Size/Units: 2 - Acre-Feet/Yr
TA Provider/JAA:	TSA	Lifespan: In Perpetuity
Practice Description:	2 well sealings	Install Date: 05/31/2023
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Prevention	Count	2	Other	Groundwater

Activity Name: Objective 2: Agricultural Structural Practices

Activity Category: Agricultural Practices | **Staff time?:** No

Description: The partnership will use WBIF to provide landowner cost share for structural agricultural practices found in the NRCS FOTG, including: grassed waterways, grade stabilization structures and water and sediment control basins. Priority areas for implementation are based on regional priority concerns for surface runoff. Priority planning regions will be:

- Washington Creek
- Big Swan Lake
- North Fork Crow River

The project ranking sheet is in the process of being revised for the FY20 funds, in an attempt to create better separation between high and low priority projects. A scoring cutoff will be implemented, however that threshold will not be determined until the updated ranking sheet has been completed.

An estimated 10 to 15 storage, infiltration, and filtration practices will be constructed using PTMApp to identify and prioritize these sites, along with local experience. These projects will represent 6% of the annual plan reduction goal for both phosphorus (7.6 pounds per year) and sediment (123 tons per year) identified in the 10-year plan. Project scoring and funding will be weighted equally across the three priority planning regions, with the highest scoring projects within each scoring period (anticipated to be up to four times a year) receiving funding.

Practices will focus on plan actions:

- Implement BMPs to treat surface and shallow sub-surface runoff before entering lakes, ditches and streams.

Source: Implementation Table Pg 4-4 (Action No. 1, 9, 11, 14, 20), Regional Implementation Maps and PTMApp output.

Budget Details

Source Type	Source Description	Budgeted	Spent	Balance Remaining	Last Transaction Date	Match Fund?
Federal Funds	Federal Match	$100,000.00	$149,588.39	($49,588.39)	12/28/2021	Y
Landowner Fund	Landowner Match	$50,000.00	$119,940.36	($69,940.36)	10/09/2023	Y
Current State Grant	North Fork Crow Watershed FY2020 Watershed-Based Implementat..	$500,000.00	$504,326.18	($4,326.18)	12/18/2023	N

Actual Results

8/17/2021

Funds have been encumbered to eleven structural projects totaling $250,475.66. No work has been completed to date due to projects being located in agricultural fields.

1/28/2022

In 2021, nine structural projects were completed with a total expenditure of $191,223.88. One additional wetland restoration project was completed in Objective 2: Wetland Restoration, which is utilizing this activity budget, including that project brings the total expenditure to $198,583.54.

8/22/2022

$206,823.79 has been spent to date. Another $261,151.87 has been encumbered, with an additional $53,325 in the ranking sheet for review in September.

2/1/2023

$306,086.93 has been spent to date. Another $166,097.49 has been encumbered for construction in 2023. Some of the 2022 projects did not spend off the allocated funding so additional projects may be funded or funds may be shifted to other activities.

1/25/2024

A total of $504,326.18 ($500,000 budgeted) in grant funds and $280,721.25 ($150,000 budgeted) in landowner and federal match was used to install 44 water and sediment control basins, 19 grade stabilization structures, 1 grassed waterway and 1 sediment basin.

Final Indicators

Indicator	Total Value	Unit
Soil (Est. Savings)	904.87	Tons/Yr
Sediment (Tss)	902.81	Tons/Yr
Phosphorus (Est. Reduction)	1212.77	Lbs/Yr

Activity Action Name:	Brekke WASCOB Practice	Activity Count: 2
Practice Type:	638 - Water and Sediment Control Basin	Size/Units: 2 - Acre-Feet/Yr
TA Provider/JAA:	TSA	Lifespan: 10 Years
Practice Description:	Installed 2 water & sediment control basins	Install Date: 05/07/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	10.36	Bwsr Calc (Gully Stabilization)	Maynard Lake
Phosphorus (Est. Reduction)	Lbs/Yr	10.36	Bwsr Calc (Gully Stabilization)	Maynard Lake
Sediment (Tss)	Tons/Yr	10.36	Bwsr Calc (Gully Stabilization)	Maynard Lake

Activity Action Name:	Marohn WASCOB	Activity Count: 2
Practice Type:	638 - Water and Sediment Control Basin	Size/Units: 2 - Acre-Feet/Yr
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:		Install Date: 06/16/2022
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	13.43	Bwsr Calc (Sheet And Rill)	French Lake
Sediment (Tss)	Tons/Yr	5.67	Bwsr Calc (Sheet And Rill)	French Lake
Phosphorus (Est. Reduction)	Lbs/Yr	9.79	Bwsr Calc (Sheet And Rill)	French Lake

Activity Action Name:	McCanna WASCOB	Activity Count: 3
Practice Type:	638 - Water and Sediment Control Basin	Size/Units: 3 - Acre-Feet/Yr
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:		Install Date: 10/07/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	7.52	Bwsr Calc (Sheet And Rill)	JD 15
Soil (Est. Savings)	Tons/Yr	27.25	Bwsr Calc (Sheet And Rill)	JD 15
Sediment (Tss)	Tons/Yr	4.05	Bwsr Calc (Sheet And Rill)	JD 15

Activity Action Name:	Haglin WASCOB	Activity Count: 2
Practice Type:	638 - Water and Sediment Control Basin	Size/Units: 2 - Acre-Feet/Yr
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:		Install Date: 10/25/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	25.5	Bwsr Calc (Sheet And Rill)	Little Rock Lake
Sediment (Tss)	Tons/Yr	11.49	Bwsr Calc (Sheet And Rill)	Little Rock Lake
Phosphorus (Est. Reduction)	Lbs/Yr	20.3	Bwsr Calc (Sheet And Rill)	Little Rock Lake

Activity Action Name:	Raymond WASCOB	Activity Count: 3
Practice Type:	638 - Water and Sediment Control Basin	Size/Units: 3 - Acre-Feet/Yr
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:		Install Date: 10/25/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	17.13	Bwsr Calc (Sheet And Rill)	North Fork Crow River
Phosphorus (Est. Reduction)	Lbs/Yr	9.54	Bwsr Calc (Sheet And Rill)	North Fork Crow River
Soil (Est. Savings)	Tons/Yr	5.6	Bwsr Calc (Sheet And Rill)	North Fork Crow River

Activity Action Name:	Gruenhagen WASCOB	Activity Count: 6
Practice Type:	638 - Water and Sediment Control Basin	Size/Units: 6 - Acre-Feet/Yr
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:		Install Date: 11/10/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	98.75	Bwsr Calc (Sheet And Rill)	Unnamed stream
Sediment (Tss)	Tons/Yr	26.85	Bwsr Calc (Sheet And Rill)	Unnamed stream
Phosphorus (Est. Reduction)	Lbs/Yr	47.46	Bwsr Calc (Sheet And Rill)	Unnamed stream

Activity Action Name:	Lambert WASCOB	Activity Count: 1
Practice Type:	638 - Water and Sediment Control Basin	Size/Units: 1 - Acre-Feet/Yr
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:		Install Date: 11/13/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	2.27	Bwsr Calc (Sheet And Rill)	Unnamed Creek
Soil (Est. Savings)	Tons/Yr	5	Bwsr Calc (Sheet And Rill)	Unnamed Creek
Phosphorus (Est. Reduction)	Lbs/Yr	4.02	Bwsr Calc (Sheet And Rill)	Unnamed Creek

Activity Action Name:	Horstmann WASCOB	Activity Count: 1
Practice Type:	638 - Water and Sediment Control Basin	Size/Units: 1 - Acre-Feet/Yr
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:		Install Date: 12/05/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	9.82	Bwsr Calc (Sheet And Rill)	Long Lake
Phosphorus (Est. Reduction)	Lbs/Yr	17.35	Bwsr Calc (Sheet And Rill)	Long Lake
Soil (Est. Savings)	Tons/Yr	7.5	Bwsr Calc (Sheet And Rill)	Long Lake

Activity Action Name:	Dahlman WASCOB	Activity Count: 1
Practice Type:	638 - Water and Sediment Control Basin	Size/Units: 1 - Acre-Feet/Yr
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:		Install Date: 11/08/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	4.98	Bwsr Calc (Sheet And Rill)	Cokato Lake
Soil (Est. Savings)	Tons/Yr	52.5	Bwsr Calc (Sheet And Rill)	Cokato Lake
Phosphorus (Est. Reduction)	Lbs/Yr	9.22	Bwsr Calc (Sheet And Rill)	Cokato Lake

Activity Action Name:	Hillmeyer WASCOB	Activity Count: 7
Practice Type:	638 - Water and Sediment Control Basin	Size/Units: 7 - Acre-Feet/Yr
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:		Install Date: 12/20/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	63.63	Bwsr Calc (Sheet And Rill)	North Fork Crow River
Phosphorus (Est. Reduction)	Lbs/Yr	118.9	Bwsr Calc (Sheet And Rill)	North Fork Crow River
Sediment (Tss)	Tons/Yr	67.41	Bwsr Calc (Sheet And Rill)	North Fork Crow River

Activity Action Name:	Rasset WASCOB	Activity Count: 1
Practice Type:	638 - Water and Sediment Control Basin	Size/Units: 1 - Acre-Feet/Yr
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:		Install Date: 09/15/2022
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	4.78	Bwsr Calc (Sheet And Rill)	Maple Lake
Soil (Est. Savings)	Tons/Yr	9.5	Bwsr Calc (Sheet And Rill)	Maple Lake
Phosphorus (Est. Reduction)	Lbs/Yr	8.36	Bwsr Calc (Sheet And Rill)	Maple Lake

Activity Action Name:	Rasset Grade Stab	Activity Count: 1
Practice Type:	410 - Grade Stabilization Structure	Size/Units: 1 - Acre-Feet/Yr
TA Provider/JAA:	SWCD	Lifespan: 15 Years
Practice Description:		Install Date: 09/15/2022
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	120.75	Bwsr Calc (Sheet And Rill)	Maple Lake
Soil (Est. Savings)	Tons/Yr	105	Bwsr Calc (Sheet And Rill)	Maple Lake
Sediment (Tss)	Tons/Yr	105	Bwsr Calc (Sheet And Rill)	Maple Lake

Activity Action Name:	Alama WASCOB	Activity Count: 7
Practice Type:	638 - Water and Sediment Control Basin	Size/Units: 7 - Acre-Feet/Yr
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:		Install Date: 11/04/2022
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	91.71	Bwsr Calc (Sheet And Rill)	French Creek
Sediment (Tss)	Tons/Yr	58.97	Bwsr Calc (Sheet And Rill)	French Creek
Soil (Est. Savings)	Tons/Yr	76.86	Bwsr Calc (Sheet And Rill)	French Creek

Activity Action Name:	NFCR Lutheran Church WASCOB	Activity Count: 1
Practice Type:	638 - Water and Sediment Control Basin	Size/Units: 1 - Acre-Feet/Yr
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:		Install Date: 11/16/2022
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	5.75	Bwsr Calc (Sheet And Rill)	CD 30
Sediment (Tss)	Tons/Yr	7.74	Bwsr Calc (Sheet And Rill)	CD 30
Phosphorus (Est. Reduction)	Lbs/Yr	13.67	Bwsr Calc (Sheet And Rill)	CD 30

Activity Action Name:	Rockford Township - Rock Chute	Activity Count: 1
Practice Type:	410 - Grade Stabilization Structure	Size/Units: 1 - Acre-Feet/Yr
TA Provider/JAA:	SWCD	Lifespan: 15 Years
Practice Description:		Install Date: 10/04/2022
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	63	Bwsr Calc (Gully Stabilization)	Lake Charlotte
Soil (Est. Savings)	Tons/Yr	63	Bwsr Calc (Gully Stabilization)	Lake Charlotte
Phosphorus (Est. Reduction)	Lbs/Yr	72.45	Bwsr Calc (Gully Stabilization)	Lake Charlotte

Activity Action Name:	CD 7 Grade Stabilization Structure	Activity Count: 1
Practice Type:	410 - Grade Stabilization Structure	Size/Units:
TA Provider/JAA:	Private Consultant	Lifespan: 15 Years
Practice Description:		Install Date: 08/24/2023
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	56.67	Bwsr Calc (Gully Stabilization)	County Ditch 7
Soil (Est. Savings)	Tons/Yr	56.67	Bwsr Calc (Gully Stabilization)	County Ditch 7
Phosphorus (Est. Reduction)	Lbs/Yr	56.67	Bwsr Calc (Gully Stabilization)	County Ditch 7

Activity Action Name:	Lund Grassed Waterway	Activity Count: 1
Practice Type:	412 - Grassed Waterway and Swales	Size/Units: 0.25 - Acres
TA Provider/JAA:	TSA	Lifespan: 10 Years
Practice Description:		Install Date: 11/22/2023
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	42.35	Bwsr Calc (Gully Stabilization)	Big Swan Lake Creek
Sediment (Tss)	Tons/Yr	42.35	Bwsr Calc (Gully Stabilization)	Big Swan Lake Creek
Phosphorus (Est. Reduction)	Lbs/Yr	36	Bwsr Calc (Gully Stabilization)	Big Swan Lake Creek

Activity Action Name:	CD 30 - Side Inlets	Activity Count: 7
Practice Type:	410 - Grade Stabilization Structure	Size/Units: 7 - Acre-Feet/Yr
TA Provider/JAA:	SWCD	Lifespan: 15 Years
Practice Description:		Install Date: 10/24/2022
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	16.58	Bwsr Calc (Sheet And Rill)	CD 30
Sediment (Tss)	Tons/Yr	196.72	Bwsr Calc (Sheet And Rill)	CD 30
Phosphorus (Est. Reduction)	Lbs/Yr	266.12	Bwsr Calc (Sheet And Rill)	CD 30

Activity Action Name:	NF-FY20-35 Mike Hemmingway. Thompson Lake project	Activity Count: 1
Practice Type:	350 - Sediment Basin	Size/Units: 1 - Acre-Feet/Yr
TA Provider/JAA:	NRCS	Lifespan: 10 Years
Practice Description:	WASCoB	Install Date: 06/13/2023
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	81.4	Bwsr Calc (Sheet And Rill)	Green Lake
Phosphorus (Est. Reduction)	Lbs/Yr	46.49	Bwsr Calc (Sheet And Rill)	Green Lake
Sediment (Tss)	Tons/Yr	31.39	Bwsr Calc (Sheet And Rill)	Green Lake

Activity Action Name:	Raymond Grade Stab	Activity Count: 2
Practice Type:	410 - Grade Stabilization Structure	Size/Units: 2 - Acre-Feet/Yr
TA Provider/JAA:	SWCD	Lifespan: 15 Years
Practice Description:		Install Date: 10/25/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	3.48	Bwsr Calc (Sheet And Rill)	North Fork Crow River
Sediment (Tss)	Tons/Yr	21.76	Bwsr Calc (Sheet And Rill)	North Fork Crow River
Phosphorus (Est. Reduction)	Lbs/Yr	32.38	Bwsr Calc (Sheet And Rill)	North Fork Crow River

Activity Action Name:	Hillmeyer Grade Stab	Activity Count: 6
Practice Type:	410 - Grade Stabilization Structure	Size/Units: 6 - Acre-Feet/Yr
TA Provider/JAA:	SWCD	Lifespan: 15 Years
Practice Description:		Install Date: 12/20/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	76.69	Bwsr Calc (Sheet And Rill)	North Fork Crow River
Soil (Est. Savings)	Tons/Yr	12.91	Bwsr Calc (Sheet And Rill)	North Fork Crow River
Phosphorus (Est. Reduction)	Lbs/Yr	119.81	Bwsr Calc (Sheet And Rill)	North Fork Crow River

Activity Action Name:	Rockford Township Grade Stab	Activity Count: 1
Practice Type:	410 - Grade Stabilization Structure	Size/Units: 1 - Acre-Feet/Yr
TA Provider/JAA:	Private Consultant	Lifespan: 15 Years
Practice Description:		Install Date: 11/17/2023
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	56.67	Bwsr Calc (Gully Stabilization)	Lake Martha
Sediment (Tss)	Tons/Yr	56.67	Bwsr Calc (Gully Stabilization)	Lake Martha
Phosphorus (Est. Reduction)	Lbs/Yr	56.67	Bwsr Calc (Gully Stabilization)	Lake Martha

Activity Action Name:	Uter WASCOB	Activity Count: 7
Practice Type:	638 - Water and Sediment Control Basin	Size/Units: 7 - Acre-Feet/Yr
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:		Install Date: 09/20/2023
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	37.23	Bwsr Calc (Sheet And Rill)	Judicial Ditch 1
Soil (Est. Savings)	Tons/Yr	65.18	Bwsr Calc (Sheet And Rill)	Judicial Ditch 1
Sediment (Tss)	Tons/Yr	21.04	Bwsr Calc (Sheet And Rill)	Judicial Ditch 1

Activity Name: Objective 2: Wetland Restoration

Activity Category: Wetland Restoration/Creation **Staff time?:** No

Description:

Budget Details

Source Type	Source Description	Budgeted	Spent	Balance Remaining	Last Transaction Date	Match Fund?
Current State Grant	North Fork Crow Watershed FY2020 Watershed-Based Implementat..	$0.00	$7,359.66	($7,359.66)	12/28/2021	N
Federal Funds	Federal Match	$1,000.00	$11,480.00	($10,480.00)	10/22/2021	Y
Landowner Fund	Landowner Match	$1,000.00	$6,279.88	($5,279.88)	09/24/2021	Y

Actual Results

1/28/2022

In 2021, three wetland restorations were completed with a total expenditure of $7,359.66. These funds are coming from the Activity budget of Objective 2: Agricultural Structural Practices.

1/25/2024

A total of $7,359.66 in grant funds and $17,759.88 in landowner and federal match was used to install three wetland restorations. This activity was originally intended to be within Agricultural Structural Practices, but was created to accommodate practice codes within activity headings.

Final Indicators

Indicator	Total Value	Unit
Volume Reduced (Acre-Feet/Year)	51.5	Acre-Feet/Yr

Activity Action Name:	Burkstrand Wetland Restoration	Activity Count: 3
Practice Type:	657 - Wetland Restoration	Size/Units: 3 - Acre-Feet/Yr
TA Provider/JAA:	NRCS	Lifespan: 15 Years
Practice Description:	Restored 3 wetland basins utilizing tile breaks and basin plugs	Install Date: 08/26/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Volume Reduced (Acre-Feet/Year)	Acre-Feet/Yr	51.5	Other	Unnamed Wetland

Activity Name: Objective 3: Agricultural Management Practices

Activity Category: Non-Structural Management Practices | **Staff time?:** No

Description: The partnership will implement agricultural management practices within each planning region, totaling between 700 to 800 acres, securing three-year agreements with each producer . These projections would achieve 0.25% of the overall goal of implementing management practices on 40% of all cropland acres in the watershed. Management practices have been identified in PTMApp and include cover crops, conservation tillage, permanent cover, rotational grazing, tillage management, etc. Priority planning regions will be:

- Lake Koronis – NFCR (see source below)
- Middle Fork Crow River: CD 47 and CD 28
- North Fork Crow River

Cost share and incentive policy will be reviewed and accepted locally via the partner subcontract with Wright SWCD prior to contract implementation with landowners.

Source: Pg 3-9, 4-62, Implementation Table Pg 4-4 (Action No. 2, 15). Regional implementation maps.

Sources for Lake Koronis – NFCR targeted areas: NFCRWD's "Pope-Stearns Judicial Ditch 1 Multi-Purpose Drainage Management Plan – November 2018," NFCRWD's "CD29, CD37, and CD5 Subwatershed Assessment Report – June 2018."

Budget Details

Source Type	Source Description	Budgeted	Spent	Balance Remaining	Last Transaction Date	Match Fund?
Current State Grant	North Fork Crow Watershed FY2020 Watershed-Based Implementat..	$120,000.00	$136,121.50	($16,121.50)	02/13/2023	N

Actual Results

8/17/2021

Funds have been encumbered to seven non-structural management projects totaling $91,955.00. No work has been completed to date due to projects being located in agricultural fields.

1/28/2022

In 2021, seven cover crop projects were seeded with a total expenditure of $79,160.00. Full three year project payments were made to the four projects in Stearns and one project in Meeker, while Wright only paid on the first year of its two projects. An additional $12,795 is encumbered for the two projects in Wright.

8/22/2022

To date, $79,160.00 has been spent and $155,871.50 has been encumbered. The amount encumbered over the activity budget will be pulled from other activities that are under budget.

2/1/2023

To date, $136,121.50 has been spent. The amount spent over the activity budget will be pulled from other activities that are under budget.

1/25/2024

A total of $136,121.50 ($120,000 budgeted) in grant funds was used to install 1,336 acres of cover crops. Expenditures beyond the budgeted amount were pulled from other activities.

Final Indicators

Indicator	Total Value	Unit
Soil (Est. Savings)	3379.945	Tons/Yr
Phosphorus (Est. Reduction)	1326.84	Lbs/Yr
Sediment (Tss)	1395.935	Tons/Yr

Activity Action Name:	Tioga Dairy - Cover crops	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units: 143 - Acres
TA Provider/JAA:	SWCD	Lifespan: 3 Years
Practice Description:	Winter rye drilled after silage corn harvest.	Install Date: 10/07/2022
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	163.02	Other	County Ditch 31
Sediment (Tss)	Tons/Yr	34.98	Bwsr Calc (Sheet And Rill)	Cty Ditch 31
Phosphorus (Est. Reduction)	Lbs/Yr	66.8	Bwsr Calc (Sheet And Rill)	Cty Ditch 31

Activity Action Name:	Poppler Dairy - Cover crops	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units: 143 - Acres
TA Provider/JAA:	SWCD	Lifespan: 3 Years
Practice Description:	Winter rye drilled after silage corn harvest	Install Date: 10/02/2022
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	346.59	Bwsr Calc (Sheet And Rill)	Cty Ditch 10
Phosphorus (Est. Reduction)	Lbs/Yr	423.45	Bwsr Calc (Sheet And Rill)	Cty Ditch 10
Soil (Est. Savings)	Tons/Yr	1344.2	Other	Cty Ditch 10

Activity Action Name:	Green Waves - Cover Crop	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units: 143 - Acres
TA Provider/JAA:	SWCD	Lifespan: 3 Years
Practice Description:	Winter rye drilled after silage corn harvest	Install Date: 09/30/2022
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	283.47	Bwsr Calc (Sheet And Rill)	Private Ditch
Phosphorus (Est. Reduction)	Lbs/Yr	354.91	Bwsr Calc (Sheet And Rill)	Private Dtich
Soil (Est. Savings)	Tons/Yr	936.2	Other	Private Ditch

Activity Action Name:	Terres, Brad Cover Crops	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units: 142.86 - Acres
TA Provider/JAA:	SWCD	Lifespan: 3 Years
Practice Description:	Single Species (Oats)	Install Date: 09/30/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	11.45	Bwsr Calc (Sheet And Rill)	North Fork Crow
Sediment (Tss)	Tons/Yr	24	Rusle2 (Updated)	North Fork Crow
Soil (Est. Savings)	Tons/Yr	24	Rusle2 (Updated)	North Fork Crow

Activity Action Name:	Lensing, Roy Cover Crops	Activity Count: 2
Practice Type:	340 - Cover Crop	Size/Units: 242.36 - Acres
TA Provider/JAA:	SWCD	Lifespan: 3 Years
Practice Description:	Multi-Species (Rye, Oats, Radish)	Install Date: 09/28/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	366.175	Rusle2 (Updated)	North Fork Crow
Sediment (Tss)	Tons/Yr	366.175	Rusle2 (Updated)	North Fork Crow
Phosphorus (Est. Reduction)	Lbs/Yr	96.44	Bwsr Calc (Sheet And Rill)	North Fork Crow

Activity Action Name:	Johnson, Donovan Cover Crops	Activity Count: 2
Practice Type:	340 - Cover Crop	Size/Units: 80 - Acres
TA Provider/JAA:	SWCD	Lifespan: 3 Years
Practice Description:	Multi-Species, Interseeded (Rye, Radish, Turnip, Clover, Oats, Phacelia)	Install Date: 09/10/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	102	Rusle2 (Updated)	North Fork Crow
Phosphorus (Est. Reduction)	Lbs/Yr	47.71	Bwsr Calc (Sheet And Rill)	North Fork Crow
Soil (Est. Savings)	Tons/Yr	102	Rusle2 (Updated)	North Fork Crow

Activity Action Name:	Roberg Family Farms Cover Crops	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units: 147.8 - Acres
TA Provider/JAA:	SWCD	Lifespan: 3 Years
Practice Description:	Interseeded rye into standing corn	Install Date: 06/11/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	29.43	Bwsr Calc (Sheet And Rill)	County Ditch 4
Phosphorus (Est. Reduction)	Lbs/Yr	41.6	Bwsr Calc (Sheet And Rill)	County Ditch 4
Soil (Est. Savings)	Tons/Yr	79.92	Bwsr Calc (Sheet And Rill)	County Ditch 4

Activity Action Name:	Dahlman Farms - Cover crops	Activity Count: 2
Practice Type:	340 - Cover Crop	Size/Units: 97 - Acres
TA Provider/JAA:	SWCD	Lifespan: 3 Years
Practice Description:	Field 1 - Rye broadcast after soy harvest, Field 3- Rye broadcast after seed corn harvest	Install Date: 09/29/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	264.21	Other	Private Ditch
Sediment (Tss)	Tons/Yr	150.06	Bwsr Calc (Sheet And Rill)	Private Ditch
Phosphorus (Est. Reduction)	Lbs/Yr	229.49	Bwsr Calc (Sheet And Rill)	Private Ditch

Activity Action Name:	Groos, Sean - Cover crops	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units: 17 - Acres
TA Provider/JAA:	SWCD	Lifespan: 3 Years
Practice Description:	Planting a cover crop mix after Wheat harvest	Install Date: 08/20/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	54.4	Other	Ann Lake
Phosphorus (Est. Reduction)	Lbs/Yr	21.21	Bwsr Calc (Sheet And Rill)	Ann Lake
Sediment (Tss)	Tons/Yr	14.48	Bwsr Calc (Sheet And Rill)	Ann Lake

Activity Action Name:	Kalthoff, Adam Cover Crops	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units: 37.3 - Acres
TA Provider/JAA:	SWCD	Lifespan: 3 Years
Practice Description:	Single Species (cereal rye)	Install Date: 09/28/2022
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	2.82	Bwsr Calc (Sheet And Rill)	Crow River
Phosphorus (Est. Reduction)	Lbs/Yr	2.69	Bwsr Calc (Sheet And Rill)	Crow River
Sediment (Tss)	Tons/Yr	1.75	Bwsr Calc (Sheet And Rill)	Crow River

Activity Action Name:	Terres, Brent Cover Crops	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units: 142.86 - Acres
TA Provider/JAA:	SWCD	Lifespan: 3 Years
Practice Description:	Single Species (Oats)	Install Date: 09/29/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	43	Rusle2 (Updated)	North Fork Crow
Sediment (Tss)	Tons/Yr	43	Rusle2 (Updated)	North Fork Crow
Phosphorus (Est. Reduction)	Lbs/Yr	31.09	Bwsr Calc (Sheet And Rill)	North Fork Crow

Activity Name: Objective 4: Technical and Engineering Assistance

Activity Category: Technical/Engineering Assistance **Staff time?:** Yes

Description: The Soil and Water Conservation District staff with appropriate practice specific Job Approval Authority, West Central Technical Service Area Engineers, and other professionally licensed engineers will be the technical service providers for constructed practices. It is anticipated that existing staff will utilize 75% of this funding, while private professional engineers will account for 25%. This funding will provide technical assistance for 15 to 20 projects.

Proposed projects will be required to submit preliminary designs to be reviewed by qualified technical staff. Prior to installation, finalized designs will be submitted to be placed onto the North Fork SharePoint and submitted to Wright SWCD; the District will be notified prior to construction. Construction will be overseen by qualified staff. NRCS practice standards and specifications, MN Stormwater Manual or other acceptable technical standards will be used.

Only the TAC approved staff list of JAA, TSA engineers and Professional Engineers from the North Fork 1W1P SharePoint will be eligible for funding through this work plan.

Budget Details

Source Type	Source Description	Budgeted	Spent	Balance Remaining	Last Transaction Date	Match Fund?
Current State Grant	North Fork Crow Watershed FY2020 Watershed-Based Implementat..	$110,000.00	$108,399.95	$1,600.05	12/29/2023	N

Actual Results

8/17/2021
Funds have been encumbered for Technical Assistance for eleven structural and seven non-structural management projects totaling $65,318.10. No invoices have been received for technical work.

2/1/2022
In 2021, sixteen projects received technical and engineering assistance funding with a total expenditure of $54,643.11. There is another $9,756.95 encumbered for projects at this point.

8/22/2022
$57,847.45 has been spent to date. $108,096.05 has been encumbered.

2/1/2023
To date $83,289.83 has been spent on technical and engineering assistance for structural and non-structural management practices.

1/25/2024
A total of $108,399.95 ($110,000 budgeted) in grant funds was used for staff time to survey, design and supervise construction for 39 completed conservation projects installed with FY20 WBIF.

Activity Name: Objective 5: Project Development

Activity Category: Project Development | **Staff time?:** Yes

Description: Partners will conduct field walkovers in PTMApp priority project areas, conduct initial landowner contacts and complete initial site investigation work for water quality projects. Localized sub-watershed assessments may be completed as part of the initial site investigation activity. Project development is meant to cover actual work performed and documented by partners to get potential practice implementations from initialization to either technical & engineering stage or outright construction. Shared partner services are encouraged to facilitate project implementation in priority regions.

Anticipated Count and Proportion of Activities:

- Walkovers 10 (25%)
- Landowner Contacts and Outreach 50 (25%)
- Initial Site Investigation 50 (50%)

Priority will be given to reimburse time spent working on projects to meet the objectives of this work plan. All documentation of hours spent must conform with BWSR policy.

Source: Implementation Table 4-4 (Action 3, 4, 5, 6)

Budget Details

Source Type	Source Description	Budgeted	Spent	Balance Remaining	Last Transaction Date	Match Fund?
Current State Grant	North Fork Crow Watershed FY2020 Watershed-Based Implementat..	$100,000.00	$92,865.36	$7,134.64	12/22/2023	N

Actual Results
8/17/2021 No invoices have been received from partners to date. 1/28/2022 No invoices were received for Project Development in 2021. Partners have been reminded of funds remaining in this activity, with many planning to review the updated PTMApp top 250 practices for each planning region within their jurisdiction. 8/22/2022 $7,872.50 has been spent to date. Partners have been reminded at each TAC meeting to be tracking time toward Project Development and invoicing for said time. We are anticipating multiple requests for staff time reimbursement and consultant invoices at the end of 2022. 2/1/2023 $52,396.51 has been spent to date. Partners have been reminded at each TAC meeting to be tracking time toward Project Development and invoicing for said time. Work completed includes project and/or sub-watershed assessments in Carver, Hennepin, Meeker and McLeod by Moore engineering and partner staff time towards review of top 250 PTMApp practices, landowner contacts, site investigations and MAWQCP certification. 1/25/2024 A total of $92,865.36 ($100,000 budgeted) in grant funds was used to conduct 55 landowner contacts and 65 initial site inspections, as well as sub-watershed assessments in seven areas.

Activity Name: Objective 6: Data Gaps

Activity Category: Inventory/Mapping	**Staff time?:** Yes

Description: Promoting the natural meandering of streams are needed to decrease stream velocity and protecting public infrastructure leading to minimized flood damage and enhance recreational and fish and wildlife habitat.

An important limitation of PTMApp is that it does not consider near channel sediment sources (p. 4-27). Actions in the plan focus on the mitigation of surface runoff, in turn

reducing the amount of near channel sediment, although the amounts are not quantified nor identified.

The many sections of the North Fork Crow River have been on Minnesota's Impaired Waters list since 2002 for pollutant stressors of turbidity and nutrients as part of a root cause of instability and increased velocity from land and tributary alteration. In total around 167 miles of the NFCR are left to be assessed for excessive stream bank erosion after 50 miles were conducted and assessed with GPS and GIS mapping.

The river assessment will target six reaches:

- Buffalo Crow to North Fork Crow
- Mill Creek
- Meeker/Wright County line to Mill Creek
- Headwaters (Grove Lake) to Rice Lake
- Rive Lake to Koronis
- Crow River to Mississippi River

The river assessment will be led by Middle Fork Crow River Watershed District staff, with collaborative efforts between partners occurring where possible. The evaluation will: 1) verify whether or not streambank erosion is the major contributor of pollutants, including sediment, Phosphorus, and Nitrogen; 2) catalog and quantify the erosion; 3) provide an assessment of the answers and quantify the bedload reductions that could be achieved with the solutions, and; 4) provide information for priority tributary assessment based on mainstem conditions downstream of each tributary confluence.

Source: Implementation Table 4-8 (Action 69. 123)

Budget Details

Source Type	Source Description	Budgeted	Spent	Balance Remaining	Last Transaction Date	Match Fund?
Current State Grant	North Fork Crow Watershed FY2020 Watershed-Based Implementat..	$25,000.00	$18,255.05	$6,744.95	07/10/2023	N

Actual Results
8/17/2021 Some stream inventory work has been completed by Middle Fork Watershed District staff, but no invoices have been received. PTMApp update work has been completed by Wright SWCD, invoice will come once work is completed. 1/28/2022: In 2021, all work on data gaps was billed to the FY18 WBIF grant, so there are no data gaps expenditures in 2021 for FY20 WBIF. 8/22/2022 To date, $922.59 has been spent on data gaps. The assessment work being completed by Middle Fork Crow River Watershed District has resumed for the remaining stretches of the river. 2/1/2023 To date, $13,986.35 has been spent on data gaps. The assessment work being completed by Middle Fork Crow River Watershed District has resumed for the remaining stretches of the river and is nearly completed. 1/25/2024 A total of $18,255.05 ($25,000 budgeted) in grant funds was used to conduct a stream inventory of the main stem North Fork Crow River for future conservation practices.

Activity Name: Objective 7: Education Activities

Activity Category: Education/Information | **Staff time?:** Yes

Description: The NFCRWPP will use the Public Participation Plan (P3) as a guide to implement education programs surrounding sealing abandoned and unused wells in the priority areas of the watershed (see WBIF FY20 Work Plan Objective 1).

The Partnership will also utilize the existing Adopt-A-Drain program developed by Capital Region Watershed District in partnership with Hamline University. The top priorities of these new programs will be focused on Ground Water and Source Water Protection education and urban stewardship in New London, Spicer, Paynesville and Buffalo (see Objective 1).

The Adopt-a-drain program has many benefits; it will encourage an inventory of urban infrastructure (if such doesn't exist) to assess downstream flooding and water quality degradation from storm events, to encourage stormwater sediment reduction via urban stewardship, educate reduction needs on chloride loading in waterbodies, and enhance partnerships with the municipalities and citizens in the North Fork.

Educational efforts will be led by Middle Fork Crow River Watershed District staff, while outreach may be completed by local staff once materials and messaging have been developed.

Source: Implementation Table 4-1 (Action 29, 100, 102, 24, 25, 36, 91, 105) p. 4-8

Budget Details

Source Type	Source Description	Budgeted	Spent	Balance Remaining	Last Transaction Date	Match Fund?
Current State Grant	North Fork Crow Watershed FY2020 Watershed-Based Implementat..	$25,000.00	$12,830.03	$12,169.97	11/13/2023	N

Actual Results
8/17/2021 Some adopt a drain work has been completed by Middle Fork Watershed District staff, but no invoices have been received. 1/28/2022 In 2021, 51.75 hours of Middle Fork Crow River Watershed District staff time were used to promote the Adopt-A-Drain program for a total expenditure of $3,416.34. 8/22/2022 $6,545.63 has been spent to date. Educational activities that have been completed are promotion of the Adopt-A-Drain program and a mailing to landowners to abandon unsealed wells. Partners have completed educational activities on their own that have not used WBIF. 2/1/2023 $8,528.51 has been spent to date. Educational activities that have been completed are promotion of the Adopt-A-Drain program and a mailing to landowners to abandon unsealed wells. Partners have completed educational activities on their own that have not used WBIF. 1/25/2024 A total of $12,830.03 ($25,000 budgeted) in grant funds was used to implement the Adopt-a-Drain program in the cities of New London, Spicer and Buffalo. Outreach for abandoned well sealing was conducted within the vulnerable groundwater regions of the watershed.

Activity Name: Objective 8: Project Coordination & Grant Management

Activity Category: Administration/Coordination | **Staff time?:** Yes

Description: Wright SWCD will act as coordinator for overall administration and fiscal agent duties and responsibilities for the grant.

Grant administration includes grant contracting, coordination of committee meetings, work plan and budget tracking, record keeping, reporting, compliance with all grant policy requirements, including coordination, financial planning and budget monitoring, report writing, eLINK submittal, and necessary interaction with BWSR staff, and other associated tasks.

Fiscal agent duties include tracking grant expenditures, processing payments, assisting grant reporting and other associated tasks.

Budget Details

Source Type	Source Description	Budgeted	Spent	Balance Remaining	Last Transaction Date	Match Fund?
Current State Grant	North Fork Crow Watershed FY2020 Watershed-Based Implementat..	$220,477.00	$233,220.13	($12,743.13)	12/29/2023	N

Actual Results

8/17/2021

Four invoices totaling $19, 910 have been received and paid for Plan Coordination services provided by the contracted consultant, Moore Engineering, Inc. This includes work from 1/1/2021 through 7/16/20221.

Plan Coordination work completed by Wright SWCD has not yet been billed. No invoices have been received from grant partners at this time.

1/28/2022

In 2021, payments for administrative work to Moore engineering totaled $32,684.18.

Wright SWCD staff time charged to administration totaled $28,954.00

One payment was made to the Church of St. Philip for meeting room rental. This is Policy Committee meeting location as of 9/1/2021. The total 2021 expenditure for the meeting room rental was $75.00.

8/22/2022

To date, $132,695.86 has been spent on administration and coordination that has covered Wright SWCD staff time, Moore Engineering consulting services and rental for the meeting room for Policy Committee meetings at the Church of St. Philip.

2/1/2023

To date, $179,890.86 has been spent on administration and coordination that has covered Wright SWCD staff time, Moore Engineering consulting services and rental for the meeting room for Policy Committee meetings at the Church of St. Philip.

1/25/22024

A total of $233,220.13 ($220,477 budgeted) in grant funds were used to coordinate and manage this grant. This included Wright SWCD staff time and Moore Engineering staff time for coordination, as well as Stearns SWCD staff time for a partnership tracking tool in ArcGIS Online and a website development, in addition to a standardized program, developed by Houston Engineering, to create PTMApp reduction outputs for practices within the watershed. Staff and consultant time was covered well into 2023, saving FY22 WBIF for future use.