

Grant All-Detail Report Projects and Practices Drinking Water 2020

Grant Title - 2020 - Dakota County Drinking Water Protection Project

Grant ID - C20-5894

Organization - Dakota SWCD

Original Awarded Amount	\$75,000.00	Grant Execution Date	4/9/2020
Required Match Amount	\$18,750.00	Original Grant End Date	12/31/2022
Required Match %	25%	Grant Day To Day Contact	Lana Rotty
Current Awarded Amount	\$75,000.00	Current End Date	12/31/2022

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$75,000.00	\$73,809.49	\$1,190.51
Total Match Amount	\$18,750.00	\$10,083.70	\$8,666.30
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$93,750.00	\$83,893.19	\$9,856.81

^{*}Grant balance remaining is the difference between the Awarded Amount and the Spent Amount. Other values compare budgeted and spent amounts.

Budget Details

						Last	
	Activity					Transaction	Matching
Activity Name	Category	Source Type	Source Description	Budgeted	Spent	Date	Fund
Administration	Administration	Current	2020 - Dakota County Drinking	\$2,000.00	\$624.49	3/31/2021	N
	/Coordination	State Grant	Water Protection Project				
Project Development	Project	Local Fund	Local Fund Match	\$10,000.00	\$5,100.88	9/30/2020	Υ
	Development		Local Fullu Iviatori				
Projects	Non-Structural	Current	2020 Dakata County Drinking	\$73,000.00	\$73,185.00	12/29/2020	N
	Management	State Grant	2020 - Dakota County Drinking				
	Practices		Water Protection Project				

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Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Projects	Non-Structural Management Practices	Local Fund	Project Funding Match	\$0.00			Υ
Technical/Engineering Assistance (Match)	Technical/Engi neering Assistance	Local Fund	Dakota County CIP	\$8,750.00	\$4,982.82	12/31/3030	Υ

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
340 - Cover Crop	1	1	75 AC	75 AC
340 - Cover Crop	1	1	15 AC	15 AC
340 - Cover Crop	4	4	100 AC	100 AC
340 - Cover Crop	1	1	56 AC	56 AC
340 - Cover Crop	1	1	88 AC	88 AC
340 - Cover Crop	1	1	6 AC	6 AC
340 - Cover Crop	1	1	57 AC	57 AC

Proposed Activity Indicators

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
Projects	NITROGEN	15720 LBS/YR	Groundwater	Other	Calculated using Watershed Nitrogen Reduction Planning Tool
Projects	SOIL (EST. SAVINGS)	2940 TONS/YR	Multiple	RUSLE2 (UPDATED)	

Final Indicators Summary

Indicator Name	Total Value	Unit
NITROGEN	4,918.80	LBS/YR

SEDIMENT (TSS)	119.09	TONS/YR
PHOSPHORUS (EST. REDUCTION)	178.82	LBS/YR
SOIL (EST. SAVINGS)	885.89	TONS/YR

Grant Activity

Grant Activity - Administration			
Description	SWCD staff will manage the State funds and I BWSR Grants Administration Manual, providi website updates.		_
Category	ADMINISTRATION/COORDINATION		
Start Date	9-Apr-20	End Date	
Has Rates and Hours?	Yes		
Actual Results	This grant was executed on April 9, 2020. Gra 2020 and 2021 is reported.	ant funds (50%) were deposited on April 3	10, 2020. All activity for calendar year

Grant Activity - Project Develop	ment		
Description	Projects will be focused on current land use a Hastings DWSMA or townships where testing drinking water standards. Project development will include support act engagement and education with landowners	g has shown 10% of private wells have nite	rate levels that exceeded the 10mg/l dividual landowners; community
Category	PROJECT DEVELOPMENT	5	, , , ,
Start Date	9-Apr-20	End Date	
Has Rates and Hours?	Yes		
Actual Results	For calendar year 2020, staff have logged 67	.00 staff hours in match.	

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Grant Activity - Projects			
Description	Cover crops and native prairie that meet NRCs policies adopted by the Board on February 13	·	g the Dakota SWCD 2020 cost share
	Cover crops will be the primary practice along description.) An estimated 700 acres of cover Financial incentives will be based on rates set crop rate of \$35/acre/year for a duration of 3 with a per acre cost share limit in accordance certification is complete. Cover crops will hav again in accordance with the February 13, 202	r crops or native prairie will be established in the SWCD Board adopted 2020 cost so years. Native Prairie restorations will be with adopted policy. Payment will be more a required effective life of three years	ed through this activity. hare policies and includes a cover e cost shared for installation costs ade in lump sum after project and perennial vegetation 10 years
Category	NON-STRUCTURAL MANAGEMENT PRACTICES	5	
Start Date	9-Apr-20	End Date	
Has Rates and Hours?	No		
Actual Results	Ten contracts for the establishment of 697 acreported.	res of cover crops for 3 years each are co	omplete. All activity has been

Activity Action - William Ca	Activity Action - William Callister				
Practice	340 - Cover Crop	Count of Activities	1		
Description	A winter cereal rye cover crop was p	lanted on 75 acres following seed corn harve	st. Cover crops will be rotated		
	through different locations in the fie	ld for an additional 2 years.			
Proposed Size / Units	75.00 AC	Lifespan	3 Years		
Actual Size/Units	75.00 AC	Installed Date	26-Oct-20		
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	SWCD		
ndicator for William Callister					

Final Indicator for William Callister									
Indicator Name	PHOSPHORUS (EST. REDUCTION)	HOSPHORUS (EST. REDUCTION) Value 10.48							
Indicator Subcategory/Units	NATER POLLUTION (REDUCTION ESTIMATES) LBS/YR								
Waterbody	Pine Creek of Cannon River	Pine Creek of Cannon River							
Final Indicator for William Callister									
Indicator Name	SOIL (EST. SAVINGS)	Value	24.00						
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)						
Waterbody	Pine Creek of Cannon River								

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Final Indicator for William Callister								
Indicator Name	Name NITROGEN Value 165.00							
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	/ATER POLLUTION (REDUCTION ESTIMATES) LBS/YR Calculation Tool Other						
Waterbody	Pine Creek of Cannon River	Pine Creek of Cannon River						
Final Indicator for William Callister								
Indicator Name	SEDIMENT (TSS)	Value	5.75					
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR Calculation Tool BWSR CALC (SHEET AND RILL)							
Waterbody	Pine Creek of Cannon River							

Activity Action - M&J Grain

	Practice		340 - Cover Crop	Count o	f Activities		1
	Description		A winter cereal rye cover crop was p	lanted on	120 acres following seed cor	n harv	est. Cover crops will be
			established for two additional years.	(Funding	g policy maximum is 100 acre	s).	
	Proposed Size	/ Units	100.00 AC	Lifespar	1		3 Years
	Actual Size/Un	its	100.00 AC	Installe	d Date		30-Oct-20
	Mapped Activi	ties	1 Polygon(s)	Technic	al Assistance Provider		SWCD
Final Indicator for	M&J Grain						
Indicator Name		SOIL (EST.	SAVINGS)		Value	50.40)
Indicator Subcateg	ory/Units	WATER PO	DLLUTION (REDUCTION ESTIMATES) TO	ONS/YR	Calculation Tool	BWS	R CALC (SHEET AND RILL)
Waterbody		Cannon Ri	ver				
Final Indicator for	M&J Grain						
Indicator Name		SEDIMENT	T (TSS)		Value 7.73		
Indicator Subcateg	ory/Units	WATER PO	OLLUTION (REDUCTION ESTIMATES) TONS/YR		Calculation Tool BWSR CALC (SHEET AND RILL		R CALC (SHEET AND RILL)
Waterbody		Cannon Ri	ver				
Final Indicator for	M&J Grain						
Indicator Name		PHOSPHO	RUS (EST. REDUCTION)		Value 13.38		3
Indicator Subcateg	ory/Units	WATER PO	DLLUTION (REDUCTION ESTIMATES) LE	SS/YR	Calculation Tool	BWS	R CALC (SHEET AND RILL)
Waterbody		Cannon Ri	ver				
Final Indicator for	M&J Grain						
Indicator Name NITROGEI		V		Value	1152	.00	
Indicator Subcategory/Units WATER P		WATER PO	DLLUTION (REDUCTION ESTIMATES) LE	3S/YR	Calculation Tool	Othe	r
Waterbody		Cannon Ri	ver				

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	Activity Action - Randy Peine (21)						
	Practice		340 - Cover Crop	Count o	f Activities		1
	Description		An oat and winter cereal rye cover c	op was p	lanted on 15 acres. Cover cr	ops wi	ll be established for two
			additional years.				
	Proposed Size	/ Units	15.00 AC	Lifespar	1		3 Years
	Actual Size/Un	its	15.00 AC	Installe	d Date		26-Oct-20
	Mapped Activi	ties	1 Polygon(s)	Technic	al Assistance Provider		SWCD
Final Indicator for	Randy Peine (2	1)					
Indicator Name		SOIL (EST.	SAVINGS)		Value	10.50	0
Indicator Subcates	gory/Units	WATER PO	DLLUTION (REDUCTION ESTIMATES) TO	ONS/YR	Calculation Tool	BWS	R CALC (SHEET AND RILL)
Waterbody		Trout Broo	ok of Cannon River				
Final Indicator for	Randy Peine (2	1)					
Indicator Name		SEDIMENT	Γ (TSS)		Value	1.69	
Indicator Subcateg	gory/Units	WATER PO	OLLUTION (REDUCTION ESTIMATES) TONS/YR		Calculation Tool	BWSR CALC (SHEET AND RILL)	
Waterbody		Trout Broo	ok of Cannon River				
Final Indicator for	Randy Peine (2	1)					
Indicator Name		PHOSPHO	RUS (EST. REDUCTION)		Value	2.86	
Indicator Subcateg	gory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR		S/YR	Calculation Tool BWSR CALC (SHEET AND RILL)		R CALC (SHEET AND RILL)
Waterbody		Trout Brook of Cannon River					
Final Indicator for Randy Peine (21)							
Indicator Name		NITROGEN	l .		Value	33.00	0
Indicator Subcates	gory/Units	WATER PO	DLLUTION (REDUCTION ESTIMATES) LE	SS/YR	Calculation Tool	Othe	r
Waterbody		Trout Broo	ok of Cannon River				

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	Practice		340 - Cover Crop	Count o	f Activities		1	
	Description		A winter cereal rye cover crop was planted on 6 acres as part of a corn-soybean rotation. Cover crops will be					
			established in 2 additional years.					
	Proposed Size / Units		6.00 AC	Lifespa	1		3 Years	
	Actual Size/Un	its	6.00 AC	Installe	d Date		26-Oct-20	
	Mapped Activit	ties	1 Polygon(s)	Technic	al Assistance Provider		SWCD	
Final Indicator for	Randy Peine (2	3)						
Indicator Name		SOIL (EST.	SAVINGS)		Value	11.40)	
Indicator Subcateg	Indicator Subcategory/Units WATER P		DLLUTION (REDUCTION ESTIMATES) TO	ONS/YR	Calculation Tool	BWSI	R CALC (SHEET AND RILL)	
Waterbody	Waterbody Trout Bro		ok of Cannon River					
Final Indicator for	Randy Peine (2	3)						
Indicator Name		SEDIMENT	T (TSS)		Value	1.87		
Indicator Subcateg	ory/Units	WATER PO	OLLUTION (REDUCTION ESTIMATES) TONS/YR		Calculation Tool	BWSR CALC (SHEET AND RILL)		
Waterbody		Trout Broo	ok of Cannon River					
Final Indicator for	Randy Peine (2	3)						
Indicator Name		PHOSPHO	RUS (EST. REDUCTION)		Value	2.60		
Indicator Subcateg	ory/Units	WATER PO	DLLUTION (REDUCTION ESTIMATES) LE	3S/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)		
Waterbody	oody Trout Brook of Cannon River							
Final Indicator for	Randy Peine (2	3)						
Indicator Name NITROGE		NITROGEN	V		Value	13.20		
Indicator Subcateg	ory/Units	WATER PO	DLLUTION (REDUCTION ESTIMATES) LE	3S/YR	Calculation Tool	BWSI	R CALC (SHEET AND RILL)	
Waterbody		Trout Broo	ok of Cannon River					

Activity Action - Randy Peine (23)

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	Activity Action	activity Action - Blake Peine (22)					
	Practice		340 - Cover Crop	Count of Activities		1	
	Description		Winter cereal rye cover crop was pla	nted on 5	66 acres following sweet corn	harve	est. Cover crops will be planted
			for two additional years.				
	Proposed Size	/ Units	56.00 AC	Lifespar	1		3 Years
	Actual Size/Un	its	56.00 AC	Installe	d Date		30-Oct-20
	Mapped Activi	ties	1 Polygon(s)	Technic	al Assistance Provider		SWCD
Final Indicator for	Blake Peine (22	2)					
Indicator Name		SOIL (EST.	SAVINGS)		Value	106.4	40
Indicator Subcates	gory/Units	WATER PO	DLLUTION (REDUCTION ESTIMATES) TO	ONS/YR	Calculation Tool	BWS	R CALC (SHEET AND RILL)
Waterbody		Vermillion	River	liver			
Final Indicator for	Blake Peine (22	2)					
Indicator Name		SEDIMENT	T (TSS)		Value	8.26	
Indicator Subcates	gory/Units	WATER PO	OLLUTION (REDUCTION ESTIMATES) TONS/YR		Calculation Tool	BWSR CALC (SHEET AND RILL)	
Waterbody		Vermillion	River				
Final Indicator for	Blake Peine (22	2)					
Indicator Name		PHOSPHO	RUS (EST. REDUCTION)		Value	12.27	
Indicator Subcate	Indicator Subcategory/Units WATER PC		DLLUTION (REDUCTION ESTIMATES) LE	SS/YR	Calculation Tool	BWS	R CALC (SHEET AND RILL)
Waterbody		Vermillion River					
Final Indicator for	al Indicator for Blake Peine (22)						
Indicator Name		NITROGEN			Value	123.2	20
Indicator Subcates	tegory/Units WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR		Calculation Tool	Othe	ır		
Waterbody		Vermillion	River				

	Activity Action - Blake Peine (26)							
	Practice	340 - Cover Crop	Count of Activities	1				
	Description	harvest. Cover crops will be						
	established for two additional years.							
	Proposed Size / Units	57.00 AC	Lifespan	3 Years				
	Actual Size/Units	57.00 AC	Installed Date	30-Oct-20				
	Mapped Activities	1 Polygon(s)	Technical Assistance Provider	SWCD				
Final Indicator for	Final Indicator for Blake Peine (26)							
Indicator Name	PHOSPHO	RUS (EST. REDUCTION)	Value	5.53				

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Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR Calculation Tool BWSR CALC (SHEET AND RILL)							
Waterbody	Vermillion River							
Final Indicator for Blake Peine (26)								
Indicator Name	NITROGEN	Value	547.20					
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR Calculation Tool Other						
Waterbody	Vermillion River							
Final Indicator for Blake Peine (26	Final Indicator for Blake Peine (26)							
Indicator Name	SOIL (EST. SAVINGS)	Value	59.85					
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)					
Waterbody	Vermillion River							
Final Indicator for Blake Peine (26								
Indicator Name	SEDIMENT (TSS)	Value	3.00					
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)					
Waterbody	Vermillion River							

Activity Action - Sorg Farms, LLC								
Practice	340 - Cover Crop	Count of Activities	1					
Description	Winter cereal rye cover crop was pla	nted on 138 acres following corn silage. Cov	er crops will be planted for an					
	additional 2 years. The contract maximum payment is for 100 acres.							
Proposed Size / Units	100.00 AC	Lifespan	3 Years					
Actual Size/Units	100.00 AC	Installed Date	13-Nov-20					
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	SWCD					

Indicator Name NITROGEN Value 303.60 Indicator Subcategory/Units WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR Calculation Tool Other Waterbody Vermliion River Final Indicator For Sorg Farms, LLC Indicator Name SOIL (EST. SAVINGS) Value 164.22 Indicator Subcategory/Units WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR Calculation Tool BWSR CALC (SHEET AND RILL) Waterbody Vermillion River Final Indicator for Sorg Farms, LLC Indicator Name SEDIMENT (TSS) Value 11.12 Indicator Subcategory/Units WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR Calculation Tool BWSR CALC (SHEET AND RILL)									
Indicator Subcategory/Units WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR Calculation Tool Other Waterbody Vermliion River Final Indicator for Sorg Farms, LLC Indicator Name SOIL (EST. SAVINGS) Value 164.22 Indicator Subcategory/Units WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR Calculation Tool BWSR CALC (SHEET AND RILL) Waterbody Vermillion River Final Indicator for Sorg Farms, LLC Indicator Name SEDIMENT (TSS) Value 11.12	Final Indicator for Sorg Farms, LLC								
Waterbody Final Indicator for Sorg Farms, LLC Indicator Name SOIL (EST. SAVINGS) Value Indicator Subcategory/Units WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR Waterbody Vermillion River Final Indicator for Sorg Farms, LLC Indicator Name SEDIMENT (TSS) Value 164.22 Louding Tool BWSR CALC (SHEET AND RILL) BWSR CALC (SHEET AND RILL) Value 11.12	Indicator Name	NITROGEN	Value	303.60					
Indicator Name SOIL (EST. SAVINGS) Value Indicator Subcategory/Units WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR Waterbody Vermillion River Final Indicator for Sorg Farms, LLC Indicator Name SEDIMENT (TSS) Value 164.22 BWSR CALC (SHEET AND RILL) Waterbody Value 11.12	Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Other					
Indicator NameSOIL (EST. SAVINGS)Value164.22Indicator Subcategory/UnitsWATER POLLUTION (REDUCTION ESTIMATES) TONS/YRCalculation ToolBWSR CALC (SHEET AND RILL)WaterbodyVermillion RiverFinal Indicator for Sorg Farms, LLCIndicator NameSEDIMENT (TSS)Value11.12	Waterbody	Vermliion River							
Indicator Subcategory/Units WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR Calculation Tool BWSR CALC (SHEET AND RILL) Waterbody Vermillion River Final Indicator for Sorg Farms, LLC Indicator Name SEDIMENT (TSS) Value 11.12	Final Indicator for Sorg Farms, LLC								
Waterbody Vermillion River Final Indicator for Sorg Farms, LLC Indicator Name SEDIMENT (TSS) Value 11.12	Indicator Name	SOIL (EST. SAVINGS)	Value	164.22					
Final Indicator for Sorg Farms, LLC Indicator Name SEDIMENT (TSS) Value 11.12	Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)					
Indicator Name SEDIMENT (TSS) Value 11.12	Waterbody	Vermillion River							
	Final Indicator for Sorg Farms, LLC								
Indicator Subcategory/Units WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR Calculation Tool BWSR CALC (SHEET AND RILL)	Indicator Name	SEDIMENT (TSS)	Value	11.12					
	Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)					
Waterbody Vermillion River	Waterbody	Vermillion River							

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Final Indicator for Sorg Farms, LLC								
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	22.97					
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)					
Waterbody	Vermillion River							

Activity Action - Ries Farm Partnership

Practice		340 - Cover Crop	Count of Activities 1		1		
	Description		Winter cereal rye cover crop was planted on 100 acres. Cover crops will be planted for an additional 2 years				
			following a corn, soybean, and corn i	otation.			
	Proposed Size	/ Units	100.00 AC	Lifespar	1		3 Years
	Actual Size/Un	its	100.00 AC	Installed	d Date		13-Nov-20
	Mapped Activi	ties	1 Polygon(s)	Technic	al Assistance Provider		SWCD
Final Indicator for	Ries Farm Parti	nership					
Indicator Name		SOIL (EST.	SAVINGS)		Value	15.00)
Indicator Subcates	gory/Units	WATER PO	DLLUTION (REDUCTION ESTIMATES) TO	ONS/YR	Calculation Tool	BWS	R CALC (SHEET AND RILL)
Waterbody		Vermillion	River				
Final Indicator for	Ries Farm Parti	nership					
Indicator Name		SEDIMENT	T (TSS)		Value	4.34	
Indicator Subcateg	gory/Units	WATER PO	OLLUTION (REDUCTION ESTIMATES) TONS/YR		Calculation Tool	BWSR CALC (SHEET AND RILL)	
Waterbody		Vermillion	River				
Final Indicator for	Ries Farm Parti	nership					
Indicator Name		PHOSPHO	RUS (EST. REDUCTION)		Value 8.88		
Indicator Subcateg	gory/Units	WATER PO	DLLUTION (REDUCTION ESTIMATES) LB	S/YR	Calculation Tool	Iculation Tool BWSR CALC (SHEET AND RILL)	
Waterbody	aterbody Vermillion River						
Final Indicator for Ries Farm Partnership							
Indicator Name NITROGEN		l		Value	220		
Indicator Subcategory/Units WATER POLLUTION (REDUCTION ESTIMATES) LB		S/YR	Calculation Tool	Othe	r		
Waterbody		Vermillion	River				

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	Activity Action	- Roger Pein	e				
	Practice		340 - Cover Crop	Count o	f Activities		1
	Description		A winter cereal rye cover crop was established on 158 acres. Cover crops will be planted for an additional 2				
			years following corn earlage and canning crops. 100 acres is the maximum incentive acres per contract.				
	Proposed Size / Units		100.00 AC	Lifespan		3 Years	
	Actual Size/Units		100.00 AC	Installed Date		11-Dec-20	
	Mapped Activities		1 Polygon(s)	Technic	al Assistance Provider		SWCD
Final Indicator for Roger Peine							
Indicator Name SEDIMEN		SEDIMENT	r (TSS)		Value	30.55	
Indicator Subcategory/Units WAT		WATER PC	POLLUTION (REDUCTION ESTIMATES) TONS/YR		Calculation Tool	BWSR CALC (SHEET AND RILL)	
Waterbody Trout Brod		ook of Cannon River					
Final Indicator for Roger Peine							
Indicator Name SOIL (EST		SOIL (EST.	. SAVINGS)		Value	180.12	
Indicator Subcategory/Units WATE		WATER PC	POLLUTION (REDUCTION ESTIMATES) TONS/YR		Calculation Tool	BWSR CALC (SHEET AND RILL)	
Waterbody Trout Broo		ook of Cannon River					
Final Indicator for Roger Peine							
Indicator Name		PHOSPHO	OSPHORUS (EST. REDUCTION)		Value	44.69	

WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR

WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR

Trout Brook of Cannon River

Trout Brook of Cannon River

NITROGEN

Indicator Subcategory/Units

Indicator Subcategory/Units

Waterbody

Waterbody

Indicator Name

Indicator Name

Practice		340 - Cover Crop	Count of Activities	1	
Description	A winter cereal rye cover crop was established on 88 acres. Cover crops will be established for an additional 2				
		years following corn earlage and sweet corn harvest.			
Proposed Size / Units		88.00 AC	Lifespan	3 Years	
Actual Size/Unit	s	88.00 AC	Installed Date	2-Dec-20	

Calculation Tool

Calculation Tool

Value

BWSR CALC (SHEET AND RILL)

1516.80

Other

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Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)	
Waterbody	Trout Brook of Cannon River			
Final Indicator for Jeff Peine				
Indicator Name	SOIL (EST. SAVINGS)	Value	264.00	
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)	
Waterbody	Trout Brook of Cannon River			
Final Indicator for Jeff Peine				
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	55.16	
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)	
Waterbody	Trout Brook of Cannon River			
Final Indicator for Jeff Peine				
Indicator Name	NITROGEN	Value	844.80	
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Other	
Waterbody	Trout Brook of Cannon River			

Grant Activity - Technical/Engineering Assistance (Match)				
Description	Technical/Engineering will include activities associated with design, certification, and inspection of installed ecological practices. Per Dakota SWCD 2020 adopted cost share policies, cover crop projects must meet NRCS practice standard 340 (Cover Crop), native prairie restoration projects must meet NRCS Practice Standard 327 (Conservation Cover), 657 (Wetland Restoration), or 643 (Restoration and Management of Rare and Declining Habitats). Dakota SWCD staff with appropriate credentials and will be designing and certifying practice that move forward after Project Development.			
Category	TECHNICAL/ENGINEERING ASSISTANCE			
Start Date	9-Apr-20	End Date		
Has Rates and Hours?	Yes			
Actual Results	For calendar year 2020, staff have logged 13.00 staff hours in match.			

Grant Attachments

Document Name	Document Type	Description
2020 Competitive Grant	Grant Agreement	2020 Competitive Grant - Dakota SWCD
2020 Competitive Grant EXECUTED	Grant Agreement	2020 Competitive Grant - Dakota SWCD

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Document Name	Document Type	Description
2020 Match Documentation	Grant	2020 - Dakota County Drinking Water Protection Project
2020 Tracker	Grant	2020 - Dakota County Drinking Water Protection Project
2021 Staff Time and Rate	Grant	2020 - Dakota County Drinking Water Protection Project
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/23/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/23/2022
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/23/2022
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/23/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/01/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/01/2022
Application	Workflow Generated	Workflow Generated - Application - 09/09/2019
Cost Share Policy Information 2020	Grant	2020 - Dakota County Drinking Water Protection Project
DC MDA Testing Map and Vulnerability Map	Grant	2020 - Dakota County Drinking Water Protection Project
DC Time for Match	Grant	2020 - Dakota County Drinking Water Protection Project
Financial Report Interim	Grant	2020 - Dakota County Drinking Water Protection Project
Non Structural Land Management Pracices Approved	Grant	2020 - Dakota County Drinking Water Protection Project
Paid Vouchers	Grant	2020 - Dakota County Drinking Water Protection Project
QB Revenue Recognized	Grant	2020 - Dakota County Drinking Water Protection Project
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 02/10/2020
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 01/22/2020
grantmap_24431_2019-09-04_12-41-20-PM.jpg	Grant	2020 - Dakota County Drinking Water Protection Project

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