

# Grant All-Detail Report Projects and Practices 2020

#### **Grant Title -** Lake Ida HUC 12 AIG Projects Phase I **Grant ID** - C20-4094 **Organization -** Douglas SWCD

Original Awarded Amount	\$338,231.00	Grant Execution Date	3/16/2020
Required Match Amount	\$84,557.75	Original Grant End Date	12/31/2022
Required Match %	25%	Grant Day To Day Contact	Jerry Haggenmiller
Current Awarded Amount	\$338,231.00	Current End Date	12/31/2023

#### **Budget Summary**

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$338,231.00	\$148,211.27	\$190,019.73
Total Match Amount	\$194,559.00	\$181,732.20	\$12,826.80
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$532,790.00	\$329,943.47	\$202,846.53

\*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
319 funds match	Agricultural Practices	Federal Funds	319 funds	\$100,000.00	\$100,381.2 0	11/15/2022	Y
Adminstration / Coordination	Administration /Coordination	Current State Grant	Lake Ida HUC 12 AIG Projects	\$25,931.00	\$7,160.16	12/31/2022	N

						Last	
Activity Name	Activity			Budgeted	Spent	Transaction Date	Matching Fund
	Category	Source Type	Source Description		Spent	Date	
Adminstration / Coordination	Administration /Coordination	Local Fund	Local Match	\$6,483.00			Y
Cover Crops	Agricultural Practices	Current State Grant	Lake Ida HUC 12 AIG Projects	\$2,812.00	\$2,100.00	12/15/2022	N
Cover Crops	Agricultural Practices	Local Fund	Landowner Match	\$703.00	\$700.00	12/15/2022	Y
Gully Fix	Streambank or Shoreline Protection	Current State Grant	Lake Ida HUC 12 AIG Projects	\$67,500.00	\$18,374.55	11/15/2022	N
Gully Fix	Streambank or Shoreline Protection	Local Fund	Landowner Match	\$16,875.00	\$30,624.25	11/15/2022	Y
Manure Storage BMPs	Livestock Waste Management	Current State Grant	Lake Ida HUC 12 AIG Projects	\$150,000.00	\$68,451.75	10/18/2021	N
Manure Storage BMPs	Livestock Waste Management	Local Fund	Landowner Match	\$37,500.00	\$34,687.50	10/18/2021	Y
Raing Gardens	Urban Stormwater Management Practices	Current State Grant	Lake Ida HUC 12 AIG Projects	\$3,000.00			N
Raing Gardens	Urban Stormwater Management Practices	Local Fund	Landowner Match	\$750.00			Y
Shoreline Restorations	Streambank or Shoreline Protection	Current State Grant	Lake Ida HUC 12 AIG Projects	\$15,000.00	\$24,772.75	10/13/2022	N
Shoreline Restorations	Streambank or Shoreline Protection	Local Fund	Landowner Match	\$3,750.00	\$15,339.25	10/13/2022	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Technical Assistance and Engineering / Design	Technical/Engi neering Assistance	Current State Grant	Lake Ida HUC 12 AIG Projects	\$52,988.00	\$27,352.06	12/31/2022	N
Technical Assistance and Engineering / Design	Technical/Engi neering Assistance	Local Fund	Local Match	\$13,247.00			Y
Terrace	Agricultural Practices	Current State Grant	Lake Ida HUC 12 AIG Projects	\$5,250.00			N
Terrace	Agricultural Practices	Local Fund	Landowner Match	\$1,313.00			Y
WASCOBs	Agricultural Practices	Current State Grant	Lake Ida HUC 12 AIG Projects	\$15,750.00			N
WASCOBs	Agricultural Practices	Local Fund	Landowner Match	\$3,938.00			Y
Water Quality Legacy Fund Match	Agricultural Practices	Local Fund	Water Quality Legacy Fund	\$10,000.00			Y

# **Activity Details Summary**

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
360 - Closure of Waste	2	2	1 COUNT	1 COUNT
Impoundments				
468 - Lined Waterway or Outlet	1	1	1 COUNT	1 COUNT
580 - Streambank and Shoreline	3,500	1	3500 SQUARE FEET	3500 SQUARE FEET
Protection				
468 - Lined Waterway or Outlet	1	1	140 LINEAR FEET	140 LINEAR FEET
580 - Streambank and Shoreline	1	1	2880 SQUARE FEET	2880 SQUARE FEET
Protection				
580 - Streambank and Shoreline	1	1	2500 SQUARE FEET	2500 SQUARE FEET
Protection				

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
580 - Streambank and Shoreline	111	1	111 LINEAR FEET	111 LINEAR FEET
Protection				
313 - Waste Storage Facility	1	1	1 COUNT	1 COUNT
340 - Cover Crop	20	1	20 AC	20 AC

# **Proposed Activity Indicators**

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
Manure Storage BMPs	PHOSPHORUS FEEDLOT (EST. REDUCTION)	74 LBS/YR	Lake Ida	MINNFARM	Average of 2 MinnFARM runs mulitpled by number of projects anticipated.
Manure Storage BMPs	BOD 5	667.32 LBS/YR	Lake Ida	MINNFARM	Average of 2 MinnFARM runs mulitpled by number of projects anticipated.
WASCOBs	PHOSPHORUS (EST. REDUCTION)	98.01 LBS/YR	Lake Ida	BWSR CALC (SHEET AND RILL)	3 WASCOBs
Raing Gardens	PHOSPHORUS (EST. REDUCTION)	1.396 LBS/YR	Lake Ida	MIDS	2 Rain Gardens
Shoreline Restorations	PHOSPHORUS (EST. REDUCTION)	26.92 LBS/YR	Lake Ida	BWSR CALC (GULLY STABILIZATION)	2 Shoreline Restorations
Cover Crops	PHOSPHORUS (EST. REDUCTION)	6 LBS/YR	Lake Ida	Literature Value	NRCS Estimate
Terrace	PHOSPHORUS (EST. REDUCTION)	67.04 LBS/YR	Lake Ida	BWSR CALC (SHEET AND RILL)	1 Terrace
Gully Fix	PHOSPHORUS (EST. REDUCTION)	46.46 LBS/YR	Lake Ida	BWSR CALC (GULLY STABILIZATION)	2 Gully Fixes
Manure Storage BMPs	NITROGEN	238.4 LBS/YR	Lake Ida	MINNFARM	Average of 2 MinnFARM runs mulitpled by number of projects anticipated.
Cover Crops	NITROGEN	8 LBS/YR	Lake Ida	Literature Value	NRCS Estimate
WASCOBs	SEDIMENT (TSS)	107.13 TONS/YR	Lake Ida	BWSR CALC (SHEET AND RILL)	3 WASCOBs
Raing Gardens	SEDIMENT (TSS)	0.24 TONS/YR	Lake Ida	MIDS	2 Rain Gardnes

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Activity Name	Indicator Name	Value & Units	Waterbody	<b>Calculation Tool</b>	Comments
Shoreline Restorations	SEDIMENT (TSS)	31.68 TONS/YR	Lake Ida	BWSR CALC (GULLY	2 Shoreline Restorations
				STABILIZATION)	
Cover Crops	SEDIMENT (TSS)	15.6 TONS/YR	Lake Ida	Literature Value	NRCS Estimate
Terrace	SEDIMENT (TSS)	71.42 TONS/YR	Lake Ida	BWSR CALC (SHEET	1 Terrace
				AND RILL)	
Gully Fix	SEDIMENT (TSS)	54.64 TONS/YR	Lake Ida	BWSR CALC (GULLY	2 Gully Fixes
				STABILIZATION)	

# Final Indicators Summary

Indicator Name	Total Value	Unit
NITROGEN	157.60	LBS/YR
FECAL COLIFORM	380,000,000,000,000.00	CFU/YR
SEDIMENT (TSS)	114.51	TONS/YR
COD	658.00	LBS/YR
PHOSPHORUS (EST. REDUCTION)	4,096.17	LBS/YR
SOIL (EST. SAVINGS)	113.09	TONS/YR
BOD 5	146.00	LBS/YR
PHOSPHORUS FEEDLOT (EST. REDUCTION)	12.00	LBS/YR

# Grant Activity

Grant Activity - 319 funds mate	h		
Description	Lake Carlos 319 grant funds		
Category	AGRICULTURAL PRACTICES		
Start Date	End Date		
Has Rates and Hours?	No		
Actual Results	2022		
	Auel Gully Fix completed in 2022 and 3 lake shore restoration projects completed in 2022. Korteum, Hammer, and Munson.		

Description	Projects will be tracked to completion, payments processed, reporting accomplished, and post construction site inspections
	completed.
Category	ADMINISTRATION/COORDINATION
Start Date	End Date
Has Rates and Hours?	Yes
Actual Results	2020
	Project tracking, reporting, contract management.
	2021
	Projects tracking completed, payments processed, reporting accomplished, and post construction site inspections completed
	2022
	Projects tracking completed, payments processed, reporting accomplished, landowner site visits, and post construction site
	inspections completed.

Grant Activity - Cover Crops				
Description	Materials for 20 acres of cover crops and annual incentive payments.			
Category	AGRICULTURAL PRACTICES			
Start Date	End Date			
Has Rates and Hours?	No			
Actual Results	Cost share contract for 20 acres of cover crops approved in 2020. No payments made in calendar year 2020. 2021 Approved contract is now in 2nd year of contract. payment will be made in 2022 following planting in fall of 2022. 2022 3rd year of contract completed on 20 acres of cover crops. Payment issued to landowner.			

	Activity Action - Wussow Cover Crop							
	Practice		340 - Cover Crop	Count of Activities		20		
	Description		Planting of cover Crops 2020, 2021, a	Planting of cover Crops 2020, 2021, and 2022.				
	Proposed Size	/ Units	20.00 AC	Lifespan			3 Years	
	Actual Size/U	nits	20.00 AC	Installed	Date		1-Oct-22	
	Mapped Activ	ities	1 Polygon(s)	Technica	al Assistance Provider		SWCD	
Final Indicator for	Wussow Cover	Crop						
Indicator Name		SEDIMEN	IT (TSS)		Value	1.02		
Indicator Subcateg	gory/Units	WATER PO	OLLUTION (REDUCTION ESTIMATES) TONS/YR		Calculation Tool	Other		
Waterbody		Lake Ida						
Final Indicator for	Wussow Cover	Crop						
Indicator Name		NITROGEN	N		Value	120.6		
Indicator Subcateg	gory/Units	WATER PO	POLLUTION (REDUCTION ESTIMATES) LBS/YR		Calculation Tool Other		r	
Waterbody		Lake Ida	2 Ida					
Final Indicator for	Wussow Cover	Crop						
Indicator Name PHOSPHO		RUS (EST. REDUCTION)		Value	7.2			
Indicator Subcategory/Units WATER P		WATER PO	OLLUTION (REDUCTION ESTIMATES) LB	S/YR	Calculation Tool	Othe	r	
Waterbody		Lake Ida	e Ida					

Grant Activity - Gully Fix				
Description	Materials and construction for 2 gullies on the shoreline. 1 is shovel ready.			
Category	STREAMBANK OR SHORELINE PROTECTION			
Start Date	End Date			
Has Rates and Hours?	No			
Actual Results	<ul> <li>WTSA finishing up on design for one gully project. Funds will be encumbered in 2021 and construction will take place in 2021.</li> <li>One other gully viewed by WSTSA with survey to take place in 2021.</li> <li>2021</li> <li>Final design completed in 2021, Contractor was not available for construction in 2021. Project will be competed in 2022.</li> <li>2022</li> <li>2 Gully fixes completed in fall of 2022. Auel and Hammer.</li> </ul>			

	Activity Action - Auel Gully Fix						
	Practice		468 - Lined Waterway or Outlet	Count o	Int of Activities		1
	Description			_			
	Proposed Size	/ Units	1.00 COUNT	Lifespan	1		10 Years
	Actual Size/U	nits	1.00 COUNT	Installed	l Date		15-Nov-22
	Mapped Activ	vities	1 Line(s)	Technica	al Assistance Provider		TSA
inal Indicator fo	r Auel Gully Fix						
ndicator Name		SEDIMEN	T (TSS)		Value	83.6	60
		WATER PO	OLLUTION (REDUCTION ESTIMATES) TONS/YR		Calculation Tool		SR CALC (STREAM & DITCH BILIZATION)
Vaterbody		Lake Ida					
inal Indicator fo	r Auel Gully Fix						
ndicator Name		SOIL (EST	. SAVINGS)		Value	83.6	0
ndicator Subcate	egory/Units	WATER PO	OLLUTION (REDUCTION ESTIMATES) TONS/YR		Calculation Tool		SR CALC (STREAM & DITCH BILIZATION)
Vaterbody		Lake Ida					
inal Indicator fo	r Auel Gully Fix						
Indicator Name PHOSPHO		PHOSPHC	RUS (EST. REDUCTION)		Value	71.0	6
ndicator Subcate	egory/Units	WATER PO	OLLUTION (REDUCTION ESTIMATES) L	BS/YR	Calculation Tool	BWSR CALC (STREAM & DITO STABILIZATION)	
	0 / 4 0 / 0 0						D 0 (47

Waterbody		Lake Ida					
	Activity Action	activity Action - Hammer Gully Fix					
	Practice		468 - Lined Waterway or Outlet	Count o	f Activities		1
	Description						
	Proposed Size	/ Units	140.00 LINEAR FEET	Lifespan			10 Years
	Actual Size/U	nits	140.00 LINEAR FEET	Installed	l Date		13-Oct-22
	Mapped Activ	ities	1 Line(s)	Technica	al Assistance Provider		TSA
Final Indicator for	Hammer Gully I	ix					
Indicator Name		SEDIMEN	IT (TSS)		Value	18.4	8
Indicator Subcateg	gory/Units	WATER PO	POLLUTION (REDUCTION ESTIMATES) TONS/YR		Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)	
Waterbody		Lake Ida					
Final Indicator for	Hammer Gully F	<sup>=</sup> ix					
Indicator Name		SOIL (EST.	T. SAVINGS)		Value	18.48	
Indicator Subcateg	gory/Units	WATER PO	POLLUTION (REDUCTION ESTIMATES) TONS/YR		Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)	
Waterbody		Lake Ida					
Final Indicator for	Hammer Gully F	ix					
Indicator Name PHOSPHO		PHOSPHO	RUS (EST. REDUCTION)		Value	15.7	1
Indicator Subcateg	gory/Units	WATER PO	DLLUTION (REDUCTION ESTIMATES) LB	S/YR	Calculation Tool		R CALC (STREAM & DITCH BILIZATION)
Waterbody		Lake Ida					

Grant Activity - Manure Storage BMPs				
Description	Materials and construction for closure of 3 liquid manure storage areas, and 1 ag waste project addressing manure storage,			
	open lot runoff, and clean water diversion.			
Category	LIVESTOCK WASTE MANAGEMENT			
Start Date	End Date			
Has Rates and Hours?	No			
Actual Results	2020			
	Closure of two non-compliant Ag waste systems.			
	2021			
	Construction of one Ag Waste system.			

	Activity Action - Dittberner Ag Waste Closure						
	Practice		360 - Closure of Waste	Count of	t of Activities		1
			Impoundments				
	Description		Closure of Ag Waste Pit.				
	Proposed Size / Units		1.00 COUNT	Lifespan		In Perpetuity	
	Actual Size/U	nits	1.00 COUNT	Installed Date		9-Nov-20	
	Mapped Activ	ities	1 Point(s)	Technical Assistance Provider		SWCD	
Final Indicator for	Dittberner Ag W	/aste Closu	re				
Indicator Name	Indicator Name PHOSPHO		ORUS (EST. REDUCTION)		Value	1875	.6
Indicator Subcate	Indicator Subcategory/Units WATER P		POLLUTION (REDUCTION ESTIMATES) LBS/YR		Calculation Tool	Liter	ature Value
Waterbody Lake Ida							

	Activity Action - Froemming Ag Waste pit closure						
	Practice		360 - Closure of Waste	Count of	Count of Activities		1
			Impoundments				
	Description		Closure of Ag Waste Pit	Closure of Ag Waste Pit			
	Proposed Size / Units		1.00 COUNT	Lifespan		In Perpetuity	
	Actual Size/U	nits	1.00 COUNT	Installed Date		14-Dec-20	
	Mapped Activ	ities	1 Point(s)	Technical Assistance Provider			SWCD
Final Indicator for	Froemming Ag	Waste pit c	losure				
Indicator Name	Indicator Name PHOSPHO		ORUS (EST. REDUCTION)		Value	2120	.3
Indicator Subcate	Indicator Subcategory/Units WATER PO		POLLUTION (REDUCTION ESTIMATES) LBS/YR		Calculation Tool	Litera	ature Value
Waterbody Lake Ida							

	Activity Action	- Thoenne	s Ag Waste System					
	Practice		313 - Waste Storage Facility	Count of	Activities		1	
	Description		Installation of Ag Waste System	istallation of Ag Waste System				
	Proposed Size	/ Units	1.00 COUNT	Lifespan			10 Years	
	Actual Size/Un	its	1.00 COUNT	Installed	Date		7-Oct-21	
	Mapped Activi	ties	1 Point(s)	Technica	l Assistance Provider		TSA	
Final Indicator for T	hoennes Ag Wa	aste System	1					
Indicator Name		BOD 5			Value	146		
Indicator Subcatego	ory/Units	MinnFARN	M LBS/YR		Calculation Tool	MINNFARM		
Waterbody		Lake Ida						
Final Indicator for T	hoennes Ag Wa	aste Systen						
Indicator Name		NITROGEN	ĴEN		Value	37		
Indicator Subcatego	ory/Units	MinnFARN	M LBS/YR		Calculation Tool	MINNFARM		
Waterbody		Lake Ida						
Final Indicator for T	hoennes Ag Wa	aste Systen						
Indicator Name		FECAL COL	IFORM		Value	3.8E+	-14	
Indicator Subcategory/Units MinnFAR		MinnFARN	/I CFU/YR		Calculation Tool	MINN	IFARM	
Waterbody	Lake Ida							
Final Indicator for T	hoennes Ag Wa	aste Systen						
Indicator Name		PHOSPHO	RUS FEEDLOT (EST. REDUCTION)		Value	12		

Indicator Subcategory/Units	MinnFARM LBS/YR	Calculation Tool	MINNFARM
Waterbody	Lake Ida		
Final Indicator for Thoennes Ag W	/aste System		
Indicator Name	COD	Value	658
Indicator Subcategory/Units	MinnFARM LBS/YR	Calculation Tool	MINNFARM
Waterbody	Lake Ida		

Grant Activity - Raing Gardens				
Description	Materials and construction for 2 rain gardens.			
Category	URBAN STORMWATER MANAGEMENT PRACTICES			
Start Date	End Date			
Has Rates and Hours?	No			
Actual Results	Design completed on one rain garden in 2020 but landowner decided to cancel. Will pursue other landowners in 2021.			
	Working will landowners in watershed to secure a rain garden site for 2022 construction.			

Grant Activity - Shoreline Restorations					
Description	Materials and construction for 2 shoreline restorations. 1 is surveyed.				
Category	STREAMBANK OR SHORELINE PROTECTION				
Start Date	End Date				
Has Rates and Hours?	No				
Actual Results	Competed 1 Lakeshore restoration in 2020. One other project has been approved for funding but did not get completed in 2020. Will be constructed in 2021. 2021 Completed 1 lakeshore restoration in 2021. One other project has been approved for funding and designed but did not get completed in 2021, Will be constructed in 2022. 2022 2 Lake shore restorations completed with grant funds in 2022.				

	Activity Action - Brandt Lake Shore Restoration Project							
	Practice		580 - Streambank and Shoreline	Count of	Count of Activities		3,500	
			Protection					
	Description		Native planting buffer and rip rap repair.					
	Proposed Size / Units		3,500.00 SQUARE FEET	Lifespan		10 Years		
	Actual Size/Units Mapped Activities		3,500.00 SQUARE FEET	Installed Date Technical Assistance Provider		14-Sep-20		
			1 Line(s)			TSA		
Final Indicator for	Brandt Lake Sho	ore Restora	tion Project					
Indicator Name	Indicator Name SEDIMEN		T (TSS)	SS) Value		4		
Indicator Subcateg	Indicator Subcategory/Units WATER P		POLLUTION (REDUCTION ESTIMATES) TONS/YR Calculation Tool BWSR CALC (FILTE		R CALC (FILTER STRIP)			
Waterbody Lake Ida								

	Activity Action - Tom Hertzog Lake shore restoration						
	Practice		580 - Streambank and Shoreline	Count of	Count of Activities		111
			Protection				
	Description		Lakeshore erosion control				
	Proposed Size / Units		111.00 LINEAR FEET	Lifespan		10 Years	
	Actual Size/Units Mapped Activities		111.00 LINEAR FEET	Installed Date Technical Assistance Provider		10-Sep-21	
			1 Line(s)			TSA	
Final Indicator for	Tom Hertzog La	ke shore re	estoration				
Indicator Name SOIL (EST		. SAVINGS)	Value		3.6		
Indicator Subcategory/Units WATER PO		POLLUTION (REDUCTION ESTIMATES) TONS/YR		Calculation Tool	BWS	R CALC (FILTER STRIP)	
Waterbody Lake Ida		Lake Ida					

	Activity Action - Kortuen		Lake Shore Restoration					
	Practice		580 - Streambank and Shoreline Protection	Count of Activities		1		
	Description		Lake Shore Restoration	Lake Shore Restoration				
	Proposed Size	/ Units	2,880.00 SQUARE FEET	Lifespan			10 Years	
	Actual Size/Units		2,880.00 SQUARE FEET	Installed	Date		13-Oct-22	
	Mapped Activ	ities	1 Line(s)	Technica	al Assistance Provider		TSA	
Final Indicator for Kortuem Lake Shore Resto			ration					
Indicator Name		SEDIMEN	NT (TSS)		Value	4.04		
Indicator Subcategory/Units WA		WATER P	POLLUTION (REDUCTION ESTIMATES) TONS/YR		Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)		
Waterbody		Lake Ida						
Final Indicator for	Kortuem Lake S	hore Resto	ration					
Indicator Name		PHOSPHC	RUS (EST. REDUCTION)	Value 3.44				
Indicator Subcateg	gory/Units	WATER P	POLLUTION (REDUCTION ESTIMATES) LBS/YR Calculation Tool BWSR CALC (STREAM STABILIZATION)		R CALC (STREAM & DITCH BILIZATION)			
Waterbody		Lake Ida	da					
Final Indicator for	Final Indicator for Kortuem Lake Shore Restoration							
Indicator Name SOIL		SOIL (EST.	SAVINGS)		Value	4.04		
Indicator Subcategory/Units WATER P		R POLLUTION (REDUCTION ESTIMATES) TONS/YR		Calculation Tool		R CALC (STREAM & DITCH BILIZATION)		
Waterbody Lake I		Lake Ida						

	Activity Action - Munson lake shore restoration project							
	Practice		580 - Streambank and Shoreline	Count of	Count of Activities		1	
			Protection					
	Description Proposed Size / Units Actual Size/Units							
			2,500.00 SQUARE FEET	Lifespan Installed Date		10 Years		
			2,500.00 SQUARE FEET			29-Aug-22		
	Mapped Activities		1 Line(s)	Technical Assistance Provider		TSA		
Final Indicator for	Final Indicator for Munson lake shore restoration project							
Indicator Name PHOSPHO		RUS (EST. REDUCTION)	Value 2.86					
Indicator Subcategory/Units WATER PO		OLLUTION (REDUCTION ESTIMATES) LE	LBS/YR Calculation Tool BWSR CALC (STREAM		R CALC (STREAM & DITCH			
Depart greated any?								

			STABILIZATION)				
Waterbody	Lake Ida						
Final Indicator for Munson lake shore restoration project							
Indicator Name	SEDIMENT (TSS)	Value	3.37				
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)				
Waterbody	Lake Ida						
Final Indicator for Munson lake s	hore restoration project						
Indicator Name	SOIL (EST. SAVINGS)	Value	3.37				
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)				
Waterbody	Lake Ida						

Grant Activity - Technical Assista	ance and Engineering / Design				
Description	Technical assistance in the form of site visits/evaluations, landowner meetings, outreach, and project organization. Engineering and design services provided by West Central Technical Service Area.				
Category	TECHNICAL/ENGINEERING ASSISTANCE				
Start Date	End Date				
Has Rates and Hours?	Yes				
Actual Results	<ul> <li>2020</li> <li>Site visits completed on 10 different site by WCTSA and surveys completed and some designs completed. Construction inspection on Brandt project. Will continue to have WCTSA visit sites and complete designs and construction inspection in 2021.</li> <li>2021</li> <li>Technical assistance - site visits/evaluations, landowner meetings, outreach, construction inspection, and project organization. Engineering and design services provided by West Central Technical Service Area.</li> <li>2022</li> <li>Technical assistance - site visits/evaluations, landowner meetings, outreach, construction inspection, and project organization.</li> <li>by SWCD staff. Engineering and design services provided by West Central Technical Service Area.</li> </ul>				

Grant Activity - Terrace						
Description	Materials and construction for 1 terrace. Shovel ready.					
Category	AGRICULTURAL PRACTICES					
Start Date	End Date					
Has Rates and Hours?	No					
Actual Results	1 terrace completed in 2020 but different funding source was used. Will look at GIS modeling for an additional site in 2021.					

Grant Activity - WASCOBs							
Description	Materials and construction for 3 WASCOBs. All 3 are shovel ready.						
Category	AGRICULTURAL PRACTICES						
Start Date	End Date						
Has Rates and Hours?	No						
Actual Results	3 WASCOB were constructed in 2020 but a different funding source was used to fund project. GIS modeling will be used to						
	identify future project.						

Grant Activity - Water Quality Legacy Fund Match							
Description	The Douglas County Water Quality Legacy Fund will be used to provide match dollars.						
Category	AGRICULTURAL PRACTICES						
Start Date	End Date						
Has Rates and Hours?	No						
Actual Results							

#### **Grant Attachments**

Document Name	Document Type	Description
2020 Competitive Amendment EXECUTED	Grant Agreement Amendment	
2020 Competitive Grant	Grant Agreement	2020 Competitive Grant - Douglas SWCD

Report created on:2/13/23

Document Name	Document Type	Description
2020 Competitive Grant EXECUTED	Grant Agreement	2020 Competitive Grant - Douglas SWCD
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/29/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/20/2023
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/25/2022
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/20/2022
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/23/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/06/2023
Application	Workflow Generated	Workflow Generated - Application - 09/05/2019
Draft Grant Amendment	Grant Agreement	
	Amendment	
FY20 CWF Feedlot Spreadsheet Douglas SWCD	Grant	Lake Ida HUC 12 AIG Projects Phase I
FY20 CWF WWork plan email March 3 2020	Journal	Journal Dated - 03/06/2020
FY20 Lake Ida HUC 12 Financial Report	Grant	Lake Ida HUC 12 AIG Projects Phase I
FY20 Lake Ida HUC 12 Phase I Financial Report	Grant	Lake Ida HUC 12 AIG Projects Phase I
Lake Ida Subwatershed BMPs	Grant	Lake Ida HUC 12 AIG Projects Phase I
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 02/20/2020
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 01/22/2020
grantmap_23592_2019-08-22_03-32-19-PM.jpg	Grant	Lake Ida HUC 12 AIG Projects Phase I