



Grant All-Detail Report Projects and Practices 2020

Grant Title - Lake Ida HUC 12 AIG Projects

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	Jerome Haggemiller
Current Awarded Amount	\$338,231.00	Current End Date	12/31/2022

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$338,231.00	\$0.00	\$338,231.00
Total Match Amount	\$94,559.00	\$0.00	\$94,559.00
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$432,790.00	\$0.00	\$432,790.00

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

Budget Details

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Adminstration / Coordination	Administration /Coordination	Current State Grant	Lake Ida HUC 12 AIG Projects	\$25,931.00			N
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			N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Cover Crops	Agricultural Practices	Local Fund	Landowner Match	\$703.00			Y
Gully Fix	Streambank or Shoreline Protection	Current State Grant	Lake Ida HUC 12 AIG Projects	\$67,500.00			N
Gully Fix	Streambank or Shoreline Protection	Local Fund	Landowner Match	\$16,875.00			Y
Manure Storage BMPs	Livestock Waste Management	Current State Grant	Lake Ida HUC 12 AIG Projects	\$150,000.00			N
Manure Storage BMPs	Livestock Waste Management	Local Fund	Landowner Match	\$37,500.00			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			N
Shoreline Restorations	Streambank or Shoreline Protection	Local Fund	Landowner Match	\$3,750.00			Y
Technical Assistance and Engineering / Design	Technical/Engineering Assistance	Current State Grant	Lake Ida HUC 12 AIG Projects	\$52,988.00			N
Technical Assistance and Engineering / Design	Technical/Engineering Assistance	Local Fund	Local Match	\$13,247.00			Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
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
------------------	--------------------	-----------------------	----------------------	--------------------

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 multiplied by number of projects anticipated.
Manure Storage BMPs	BOD 5	667.32 LBS/YR	Lake Ida	MINNFARM	Average of 2 MinnFARM runs multiplied 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

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
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 multiplied 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
Shoreline Restorations	SEDIMENT (TSS)	31.68 TONS/YR	Lake Ida	BWSR CALC (GULLY STABILIZATION)	2 Shoreline Restorations
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 AND RILL)	1 Terrace
Gully Fix	SEDIMENT (TSS)	54.64 TONS/YR	Lake Ida	BWSR CALC (GULLY STABILIZATION)	2 Gully Fixes

Final Indicators Summary

Indicator Name	Total Value	Unit
----------------	-------------	------

Grant Activity

Grant Activity - Administration / Coordination	
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	

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	

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	

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	

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	

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	

Grant Activity - Technical Assistance 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	

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	

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	

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	