



Grant All-Detail Report Projects and Practices 2021

Grant Title - Lake Ida Targeted Phosphorus Reduction Project

Grant ID - C21-4336

Organization - Douglas SWCD

Original Awarded Amount	\$683,867.00	Grant Execution Date	5/21/2021
Required Match Amount	\$170,966.75	Original Grant End Date	12/31/2023
Required Match %	25%	Grant Day To Day Contact	Jerome Haggemiller
Current Awarded Amount	\$683,867.00	Current End Date	12/31/2023

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$683,867.00	\$26,179.49	\$657,687.51
Total Match Amount	\$227,955.73	\$0.00	\$227,955.73
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$911,822.73	\$26,179.49	\$885,643.24

*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
Administration / Coordination	Administration /Coordination	Current State Grant	Lake Ida Targeted Phosphorus Reduction Project	\$54,210.38	\$1,672.49	12/31/2021	N
Administration / Coordination	Administration /Coordination	Local Fund	Local Match	\$18,070.13			Y
Diversion Channel	Conservation Drainage	Current State Grant	Lake Ida Targeted Phosphorus Reduction Project	\$384,059.25			N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Diversion Channel	Conservation Drainage	Local Fund	Local Match	\$128,019.75			Y
Sediment Pond Repair	Agricultural Practices	Current State Grant	Lake Ida Targeted Phosphorus Reduction Project	\$158,044.56			N
Sediment Pond Repair	Agricultural Practices	Local Fund	Local Match	\$52,681.52			Y
Technical / Engineering Assistance	Technical/Engineering Assistance	Current State Grant	Lake Ida Targeted Phosphorus Reduction Project	\$87,552.81	\$24,507.00	12/8/2021	N
Technical / Engineering Assistance	Technical/Engineering Assistance	Local Fund	Local Match	\$29,184.33			Y

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
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Proposed Activity Indicators

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
Sediment Pond Repair	PHOSPHORUS (EST. REDUCTION)	40.0 LBS/YR	Lake Ida	Other	Longitudinal monitoring data from 2018 feasibility study completed by Barr Engineering.
Diversion Channel	PHOSPHORUS (EST. REDUCTION)	200 LBS/YR	Lake Ida	Other	Longitudinal monitoring data from 2018 feasibility study completed by Barr Engineering.

Final Indicators Summary

Indicator Name	Total Value	Unit
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Grant Activity

Grant Activity - Administration / Coordination		
Description	Activities to be completed include, but are not limited to: obtaining proper permits, project tracking, payment processing, reporting, post construction site inspections completed. The Douglas SWCD will also initiate the process through the drainage authority law under 103E.227 (Impounding , Rerouting, and Diverting Drainage Systems Waters) for the construction of the project and future Operation and Maintenance. These activities will be completed by Douglas SWCD staff.	
Category	ADMINISTRATION/COORDINATION	
Start Date	21-May-21	End Date
Has Rates and Hours?	Yes	
Actual Results	2021 Contract work for securing contract engineer, coordinating permitting agencies meeting, quarterly meeting with contract engineer, meetings with ditch inspector on process for petition related to grant project, and grant reporting.	

Grant Activity - Diversion Channel		
Description	Materials and construction of a diversion channel along wetland edge, stilling basin, and channel repair. Project will be completed by qualified contractors according to engineers' designs and approval from Douglas County Ditch Authority. Project details located on page 22 of Feasibility Study (Alternative D2, figure 6-4). Feasibility study completed by previous CWF AIG grant received in 2017.	
Category	CONSERVATION DRAINAGE	
Start Date	21-May-21	End Date
Has Rates and Hours?	No	
Actual Results	Construction planned for 2022	

Grant Activity - Sediment Pond Repair

Description	Materials and construction costs to rehabilitate existing sediment pond located along County Ditch 23, upstream of the Lake Ida AMA. This existing pond was constructed in the early 1990's and is beyond its 10 year life span. Project detailed on page 21 of Feasibility Study (Alternative A). Project will be completed by qualified contractors according to engineers' designs.		
Category	AGRICULTURAL PRACTICES		
Start Date	21-May-21	End Date	
Has Rates and Hours?	No		
Actual Results	Construction planned for 2022.		

Grant Activity - Technical / Engineering Assistance

Description	Technical assistance in the form of site visits, meetings, outreach, project organization, construction plans, specs. and O & M for project to comply with Current ditch law and Douglas County Drainage Authority, and project staking will be completed by SWCD staff, WCTSA staff, and/or contracted professional engineer. Project oversight and engineering assistance provided by a contracted professional engineer and/or WCTSA. Necessary permits will be obtained by SWCD Staff and/or Contracted engineer before any work is started.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	21-May-21	End Date	
Has Rates and Hours?	Yes		
Actual Results	2021 Consultant Engineer hired by SWCD in May of 2021. Preliminary design work completed and initial meeting held with permitting agencies. Preliminary design being modified per recommendations from permitting agencies meeting. A follow up meeting with permitting agencies scheduled for early 2020. Final design, permitting, and construction planned for 2022.		

Grant Attachments

Document Name	Document Type	Description
2021 Competitive Grant	Grant Agreement	2021 Competitive Grant - Douglas SWCD
2021 Competitive Grant EXECUTED	Grant Agreement	2021 Competitive Grant - Douglas SWCD
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/25/2022
Application	Workflow Generated	Workflow Generated - Application - 08/17/2020

Document Name	Document Type	Description
FY21 Lake Ida Targeted Phos Financial Report	Grant	Lake Ida Targeted Phosphorus Reduction Project
Feasibililty Study	Grant	Lake Ida Targeted Phosphorus Reduction Project
Project Summary Graphic 2021	Grant	Lake Ida Targeted Phosphorus Reduction Project
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 03/29/2021
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 03/18/2021
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 12/17/2020
grantmap_28913_2020-08-17_11-15-45-AM.jpg	Grant	Lake Ida Targeted Phosphorus Reduction Project