



Grant All-Detail Report Projects and Practices 2022

Grant Title - WJD-6 Wetland Restoration

Grant ID - C22-6316

Organization - Comfort Lake-Forest Lake WD

Original Awarded Amount	\$386,000.00	Grant Execution Date	5/17/2022
Required Match Amount	\$96,500.00	Original Grant End Date	12/31/2024
Required Match %	25%	Grant Day To Day Contact	Mike Kinney
Current Awarded Amount	\$386,000.00	Current End Date	12/31/2024

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$386,000.00	\$0.00	\$386,000.00
Total Match Amount	\$96,500.00	\$17,643.11	\$78,856.89
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$482,500.00	\$17,643.11	\$464,856.89

*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	Local Fund	CLFLWD	\$2,000.00	\$84.54	12/31/2022	Y
Engineering	Technical/Engineering Assistance	Local Fund	CLFLWD	\$76,500.00	\$15,677.26	12/31/2022	Y
Project Development	Project Development	Local Fund	CLFLWD	\$18,000.00	\$1,881.31	12/31/2022	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Wetland Restoration	Wetland Restoration/Creation	Current State Grant	WJD-6 Wetland Restoration	\$386,000.00			N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
657 - Wetland Restoration	1		1.5 AC	AC

Proposed Activity Indicators

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
Wetland Restoration	PHOSPHORUS (EST. REDUCTION)	38 LBS/YR	Forest Lake	Other	

Final Indicators Summary

Indicator Name	Total Value	Unit
PHOSPHORUS (EST. REDUCTION)	38.00	LBS/YR

Grant Activity

Grant Activity - Administration/Coordination			
Description	CLFLWD Planning Coordinator Emily Heinz will be responsible for this activity. Tasks include budgeting, reporting and grant management.		
Category	ADMINISTRATION/COORDINATION		
Start Date		End Date	
Has Rates and Hours?	Yes		
Actual Results	12/31/22 Update: grant administration/coord		

Grant Activity - Engineering

Description	<p>This activity will be primarily carried out by Emmons & Olivier Resources (EOR) currently serving as the watershed district engineer. Tasks include permitting, modeling, design, contract documents, bidding, construction oversight, and development of an operations & maintenance plan. EOR staff dedicated to the project and their individual roles are identified below.</p> <ul style="list-style-type: none">• District Engineer – Greg Graske, PE (\$179/hr)• Engineering Project Manager and Engineer of Record – Kyle Crawford, PE (responsible for creating/signing designs and certifying project completion) (\$158/hr)• Wetland Ecology & Environmental Permitting Lead – Jason Naber (\$179/hr)• Wetland Ecology & Environmental Permitting – Jimmy Marty (\$133/hr)• Principal Oversight - Cecilio Olivier, PE (\$215/hr)• H&H & Water Quality Modeling Lead – Trevor Rundhaug, PE (\$133/hr)• Civil Technician, Field Services & Construction Observation – Multiple <p>Project Lead Qualifications:</p> <p>Kyle Crawford is a water resources engineer with nine years of broad experience in civil engineering, stormwater management and ecosystems restoration. Kyle will be responsible for signing project designs and certifying project completion.</p> <p>See Work Plan Detail in elink attachments for more detail on project lead qualifications</p> <p>Project Design and Construction Standards: The most current edition of the Minnesota Department of Transportation “Standard Specifications for Construction” (currently 2020) and the City of Forest Lake “Public Works / Engineering Standards” (currently 2021) shall govern. All practices will be consistent with the Natural Resources Conservation Service (NRCS) Field Office Technical Guide (FOTG), Minnesota Stormwater Manual, or be a professionally accepted engineering or ecological practice. All wetland improvements and restoration will be done in compliance with USACE and WCA permitting requirements and standards.</p>		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results	12/31/22 Update: Project feasibility. Expect to complete feasibility and order project in early 2023, then proceed with design.		

Grant Activity - Project Development

Description	<p>This Activity will be carried out by the following CLFLWD staff. Tasks include landowner outreach, survey and legal coordination, and public outreach. District legal counsel time needed to review contracts and landowner agreements is also included in this grant activity. A registered land surveyor will be contracted to assist with any easements and legal descriptions. Minor support roles may be needed by the District Engineer.</p> <p>District staff members involved in this task include</p> <ul style="list-style-type: none">• District Lead – Mike Kinney, District Administrator• Day-to-Day Project Coordinator – Blayne Eineichner, Project Coordinator• Education & Outreach – Jessica Lindemyer, Operations & Outreach Specialist		
Category	PROJECT DEVELOPMENT		
Start Date		End Date	
Has Rates and Hours?	Yes		
Actual Results	12/31/22 Update: Landowner outreach and coordination, assist with project feasibility		

Grant Activity - Wetland Restoration			
Description	<p>This activity includes excavation/scraping and vegetation work. The proposed project will overlap with one private property. Target waterbody is Forest Lake. Estimated phosphorus reduction achieved, as measured at Forest Lake, is 38 lb/yr. The landowner agreement will be for a 10-year timeframe, so the project effective life is 10 years. However, given the nature of the project, it will likely remain in place for 25+ years, regardless of landowner agreement lifespan.</p> <p>This activity will be carried out by a contractor selected through a public bidding process. EOR and CLFLWD staff will oversee the bidding and construction process. BWSR Native Vegetation Establishment and Enhancement Guidelines will be followed for all project revegetation. Grant funds will not be spent until landowner agreement is secured.</p> <p>Activity Lifespan: 10 years (with a high likelihood of extending even longer)</p> <p>Responsible for O&M: CLFLWD</p> <p>Target Waterbody: Forest Lake</p> <p>Estimated Phosphorus Reduction: 38 lb/yr</p>		
Category	WETLAND RESTORATION/CREATION		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results			

Activity Action - WJD-6 Wetland Restoration			
Practice	657 - Wetland Restoration	Count of Activities	1
Description			
Proposed Size / Units	1.50 AC	Lifespan	10 Years
Actual Size/Units	AC	Installed Date	
Mapped Activities	No	Technical Assistance Provider	Private Consultant

Final Indicator for WJD-6 Wetland Restoration			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	38
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Other
Waterbody	Forest Lake		

Grant Attachments

Document Name	Document Type	Description
2022 Competitive Grant	Grant Agreement	2022 Competitive Grant - Comfort Lake-Forest Lake WD
2022 Competitive Grant EXECUTED	Grant Agreement	2022 Competitive Grant - Comfort Lake-Forest Lake WD
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/17/2023
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/25/2023
Application	Workflow Generated	Workflow Generated - Application - 08/16/2021
Concept Plan	Grant	WJD-6 Wetland Restoration
Construction Easement Example	Grant	WJD-6 Wetland Restoration
Easement Example	Grant	WJD-6 Wetland Restoration
Landowner Agreement Example	Grant	WJD-6 Wetland Restoration
Landowner Letter of Support	Grant	WJD-6 Wetland Restoration
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 12/16/2021
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 03/24/2022
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 03/31/2022
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 05/16/2022
Work Plan Detail	Grant	WJD-6 Wetland Restoration
grantmap_31233_2021-08-16_11-04-13-AM.jpg	Grant	WJD-6 Wetland Restoration