

Overview

Project Name

Weidman Mill Pond Dam Repair and Lake Level Order Update

Total Requested

\$275,000.00

(amount based on the Itemized Budget total)

Applicant Project Priority

High

Reoccurring Need?

Not Reoccurring

Applicant Information

Applicant Name

mlownsbery@isabellacounty.org

Applicant Email

Michael Lownsbery

Organization

Isabella County Drain Commission

Address

200 N. Main St.

MOUNT PLEASANT MI , 48858

Phone Number

(989)317-4072

Organization Information

Primary Organization

Isabella County

Authorizers

nfrost@isabellacounty.org ErikRodriguez erodriguez@sagchip.org

Status

Review

Address

200 N. Main Street

Mount Pleasant, Michigan 48858

Phone

989 772-0911

Fax

Categories

- Environmental
 - Infrastructure
-

Project Description

The Weidman Mill Pond Dam is located in Nottawa Township and is regulated by the State of Michigan. The lake has an established legal lake level under Part 307 of the Natural Resources and Environmental Protection Act (NREPA). Isabella County has jurisdiction to maintain and operate the legal lake level and the dam. The dam is regulated under Part 315 of NREPA as a significant hazard dam, which means there is a potential for loss of life if a failure was to occur.

The most recent dam inspection was completed in December of 2022 and identified areas of significant concern. The earthen berm located near the southeast corner of the lake showed signs of seepage, sediment transport through the berm, erosion on the upstream face near the waterline and extensive brush and tree growth. Based on these findings a reconstruction of the berm is necessary. If the condition of the berm is not addressed, there is potential for failure, which could cause significant impacts to the environment, property

damage and potential of loss of life.

The most recent project on the dam was completed in 2000 to restore the dam following a failure that occurred in 1986. This project was also funded by the Tribe. The earthen berm was not part of this project and records indicate that it last worked on in the 1970's.

The current proposal includes engineering, legal and other necessary costs for the preliminary engineering and design of a project to reconstruct the berm. As part of this process, updates to the lake level order in circuit court will also be necessary and are included in the proposal. These updates include confirmation of the boundaries of a lake level special assessment district to fund future operations and maintenance of the lake level. Also included is property/easement acquisition to ensure that the County has adequate rights to access and maintain the dam.

The goal of this proposal is to conduct the preliminary work necessary to get to the point that a reconstruction project can be bid.

Benefit Description

The Mill Pond Dam provides recreational and environmental benefits for both the residents that live on the lake and those that live nearby. The dam also helps to reduce downstream flooding in the watershed by regulating the flow during highwater conditions.

Both the Tribe and private individuals own property surrounding the lake. The project will benefit members of the Tribe by helping to ensure maintenance of the dam and lake level and helping to avoid a potential dam failure.

The project will benefit Isabella County by conducting updates to the lake level order that are necessary to allow the County to operate and maintain the lake it's legal lake level and be in compliance with the court order.

Funding Requirements

Upon completion the currently proposed project, an accurate lake level special assessment district will be in place to serve as a funding mechanism for any necessary future maintenance of the dam.

Project Timeline

The goal is to begin work related to this proposal as soon as possible and complete the outlined tasks to be ready for bidding a reconstruction project in early 2025.

Budget Items

Name	Cost	Quantity	Total	Category
Engineering	\$225,000.00	1	\$225,000.00	Infrastructure
Legal	\$50,000.00	1	\$50,000.00	Environmental
AmountRequested	\$275,000.00			

Matching Funds

Name	Cost	Quantity	Total
No Matching Funds items have been added.			
AmountMatched	\$0.00		

Budget Summary

Amount Requested

\$275,000.00

Amount Matched

\$0.00

Total Amount

\$275,000.00

Uploaded Files

Name
2022WeidmanMillPondDamInspectionReport 2024-03-15.pdf
Resolution202403WeidmanMillPondLakeLevel 2024-03-15.pdf
1998OrderWeidmanMillPond 2024-03-15.pdf
1987OrderWeidmanMillPond 2024-03-15.pdf

There are no comments to display.
