

Four Lakes Task Force

Gladwin and Midland Counties' Delegated Authority
of the Four Lakes Special Assessment District

Community Information Session: Webinar

Status Report

July 10, 2024



This is an Information Session

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- Please use the Q&A feature in GoToWebinar or email questions to info@fourlakestaskforce.org and we will answer questions at the end.
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- These meetings are focused on keeping the community informed and providing an opportunity to ask questions
 - This meeting is being held virtually to accommodate as many people as possible
 - This is not a board meeting or hearing – no formal action will occur



Agenda

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1. Construction Status

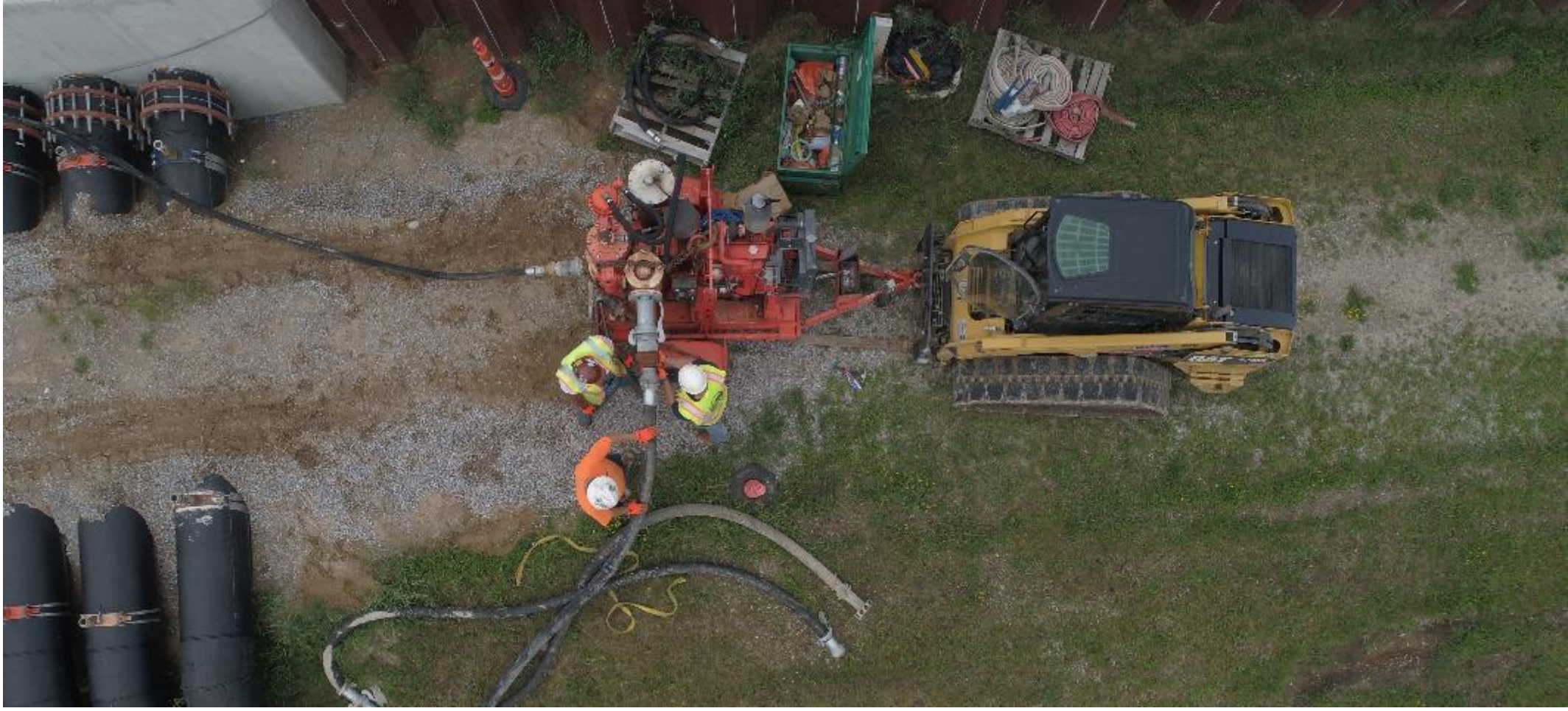
- I. Secord
- II. Smallwood
- III. Edenville
- IV. Sanford

2. Status of the Lakes and Project

3. Critical Issues

4. Questions and Answers





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Construction Status

Warren Miller, Spicer Group, Restoration Project Engineer and Controller

Pictured: Work on Smallwood Dam – Operating the Siphon System

The Four Lakes Exist as One System

The Project has Multiple Phases

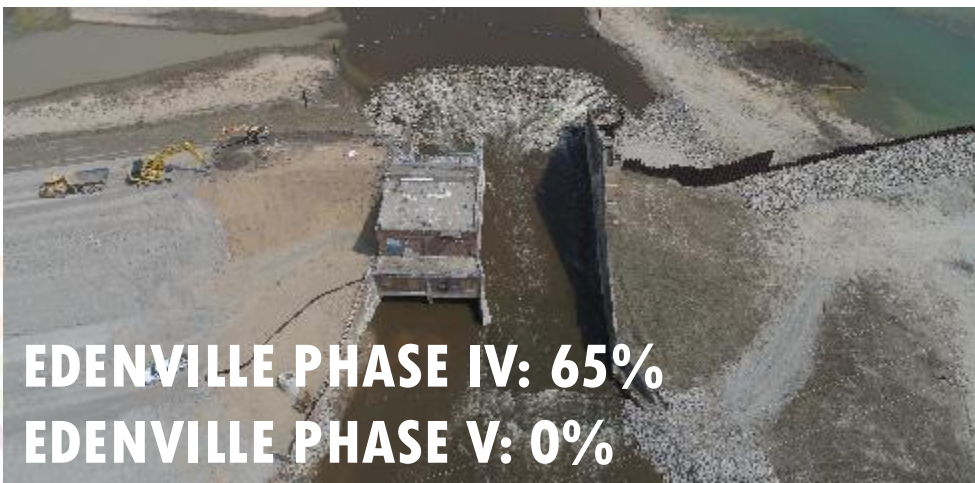
5

- The Four Lakes are hydrologically and hydraulically inter-connected
 - Upstream and downstream
 - One special assessment district and assessment methodology
- The Counties own the lakes with obligations to serve the entire district holistically
 - Safety and environmental stewardship are priorities
- Over \$247 million in grants have been awarded towards recovery and restoration
- There are synergies of operating costs, project productivity and schedule



Percent Complete

6



“Status of Dams” Video

Secord Dam

8

55.8%
COMPLETE



Auxiliary Spillway Basin



Auxiliary Spillway Chute



Downstream of Primary Spillway

Current Status

- ❑ Water diverted through the auxiliary spillway
- ❑ Upstream cofferdam being constructed
- ❑ Downstream cofferdam install and area dewatered
- ❑ Partial demolition of rollway slab
- ❑ Continuing low level outlet (LLO) construction
- ❑ Preparing for first concrete pour for primary spillway

What's Left to Do After September

- ❑ Dewater upstream cofferdam
- ❑ Final demolition and concrete in primary spillway
- ❑ Complete LLO
- ❑ Install crest gates
- ❑ Complete right embankment
- ❑ Complete control building and site restoration

Smallwood Dam

9

59%
COMPLETE



Downstream of Primary Spillway Bay No. 1



Auxiliary spillway, Siphon System and Left Embankment



Bay 1 Wier

Current Status

- Upstream and downstream phase I cofferdam constructed
- Partial demolition of Bay 1
- Concrete weir steps within primary spillway
- Continuing LLO construction
- Construction of right embankment

What's Left to Do After September

- Bay 2 of primary spillway
- Install crest gates
- Complete left embankment
- Complete control building
- Site restoration

Sanford Dam

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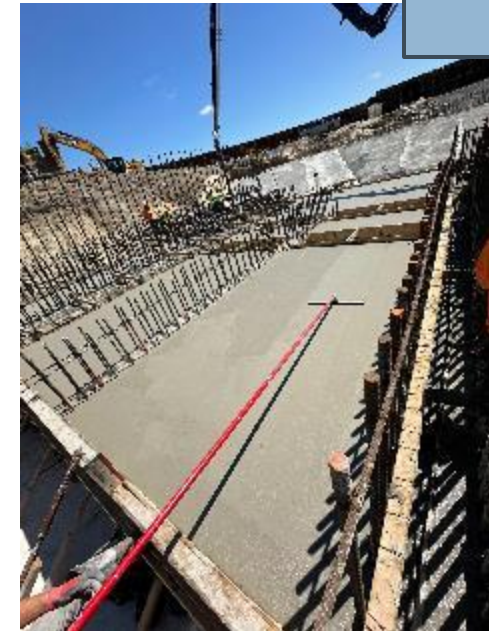
24.9%
COMPLETE



Pier No. 1 Formwork and Rebar



General site condition



LLO Base slab pour

Current Status

- Upstream and downstream constructed
- Demolition of existing primary spillway
- Pier being constructed
- LLO excavation complete, concrete being placed

What's Left to Do After December

- Install crest gates
- Construct auxiliary spillway
- Complete control building
- Site restoration

“Edenville Dam” Video



Edenville Dam

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PHASE IV
65%
COMPLETE



Tittabawassee right embankment after seeding



GEI, Spicer, FLTF, and construction leads conduct a walk through to ensure the dam is safe for demobilization (work suspension).

□ Phase IV – Tittabawassee right embankment completed, Tobacco right embankment partially completed



Stream Smallwood cofferdam

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Summary

Dave Kepler, FLTF President

Project Budget

Estimated spend if a project suspension occurs

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- Secord Dam Total Estimated Budget \$66M
 - ▣ *Estimated spend by project suspension \$50M*
- Smallwood Dam Total Estimated Budget \$50M
 - ▣ *Estimated spend by project suspension \$39M*
- Sanford Dam Total Estimated Budget \$89M
 - ▣ *Estimated spend by project suspension \$50M*
- Edenville Dam Total Estimated Budget \$125M
 - ▣ *Estimated spend by project suspension \$26M*
- All Lake Estimated Budget \$21M
 - ▣ *Estimated spend by project suspension \$5M*

Totals \$170M in SOM spend. Spend plan would reserve \$10M of \$180M State of Michigan funds as contingency.

Note: estimated budget and spending subject to change based on contingency utilization, actual spend and project suspension timing

Construction Schedule

Dam	Suspension Date and Description	Estimated Substantial Completion Date Assuming No Further Suspension
Secord	<p>September 2024 Shortly after completion of the auxiliary spillway</p>	<p>November 2025 +/-3 months</p>
Smallwood	<p>September 2024 After auxiliary spillway is complete and low flow outlet is stabilized</p>	<p>May 2025 +/-3 months</p>
Edenville	<p>June 2024 Suspended</p>	<p>August 2027 +/-6 months</p>
Sanford	<p>December 2024 Completion of current work near primary spillway</p>	<p>May 2026 +/-3 months</p>

The Restoration of the Four Lakes

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- Based on the 2019 Lake Level Order, it is a matter of law that restoring the normal (legal) lake levels:
 - Protects and preserves the environment and property values in the Four Lakes Special Assessment District
- The administrative appeal in Midland Circuit Court is closed and the assessment rolls are valid
- The project costs are approved

The Best Alternative is to Restore the Dams and Lakes



Secord Dam – Looking East

“State of the Lakes” Video



Remaining Hurdles to Continue Construction

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With the approval of the project costs and Special Assessment Rolls, we have the following hurdles to overcome to get a certain path forward for completion:

U.S. Fish & Wildlife Service Take Permit (Snuffbox mussel)

- Hope to secure permit in August or September

Michigan Department of Environment, Great Lakes, and Energy (EGLE) Edenville Phase V Permit

- Coordinating with EGLE and the Environmental Protection Agency on Part 301 mitigation projects
- Hope to secure Edenville permit by August

Resolution of two lawsuits from Heron Cove Association

- Lawsuits removed to the federal court by the Counties since the complaints allege constitutional claims of procedural due process and taking of property in violation of the 5th amendment of the U.S. Constitution
- FLTF and the Counties filed motions to dismiss these Lawsuits and FLTF file to Expedite the Hearings

Financing

- Continued use of Michigan grant funds
- \$80 million bond financing takes 9-10 weeks once there is enough legal certainty
- Uncertain of timing of U.S. Army Corps loan

Questions and Answers

Please use the Q&A feature in GoToWebinar or email questions to info@fourlakestaskforce.org and we will address as many questions as we can

- ❑ Questions that have been asked multiple times before and are on our FAQ page we will not address but we will forward a link to you.
- ❑ Attendees with multiple questions may have only the first one answered. We will remove attendees that are disrespectful in their questions or statements.
- ❑ We are limited in the answers we can provide related to Heron Cove Association or legal matters related to their lawsuits.



2019



2020



2024

Upcoming Meetings

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Informational Sessions (5:00 – 7:00 pm)

- October 9
- December 4

Board Meetings (12:00 – 2:00 pm)

- July 16
- October 15
- December 10



Pictured: Edging and finishing concrete apron slab on Sanford

