

Welcome to:

# **What's going on with the Mayo Mill Dam?**

A Community Meeting with Presentation, Panel with  
Project Team, and Q&A

**Meeting purpose:**

# How did we get here?

- 1920 – Dam built with concrete
- 1980 – Dam replaced
- 1982 – Federal Energy Regulatory Commission (FERC) exemption issued
- 2000 – Atlantic salmon listed under Endangered Species Act
- 2009 – Piscataquis River in final ESA designated critical habitat for Atlantic salmon
- 2007 – Mill closed, and property conveyed to the Town
- 2010 – Community Visioning Process for site completed
- 2010-2021 – FERC Amendment + evaluation by engineers & turbine suppliers
- 2021 – No economically viable retrofit identified but FERC expects a path forward, encouraging town to....

# How did we get here?

- 2022 – Town posts Request for Proposals in May
  - ASF, TNC, & Interfluve is only proposal submitted in June
  - Interview in August
  - Partnership Agreement finalized in October
  - FERC withdrawal & reevaluate submittal in December
- 2023 – Convene & Kickoff with Town appointed committee

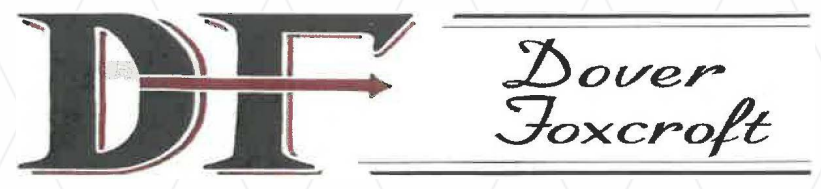


# Mayo Mill Dam and Appurtenant Facilities Feasibility & Alternatives Study

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for the Town of Dover-Foxcroft



# Project Overview:

- Summary
- Process
- Team
- Schedule



Funding and support for the feasibility study is through Atlantic Salmon Federation, The Nature Conservancy, & NOAA Fisheries.

PROJECT FUNDED BY  
**President Joe Biden's  
Bipartisan  
Infrastructure Law**

INVESTING IN  
AMERICA



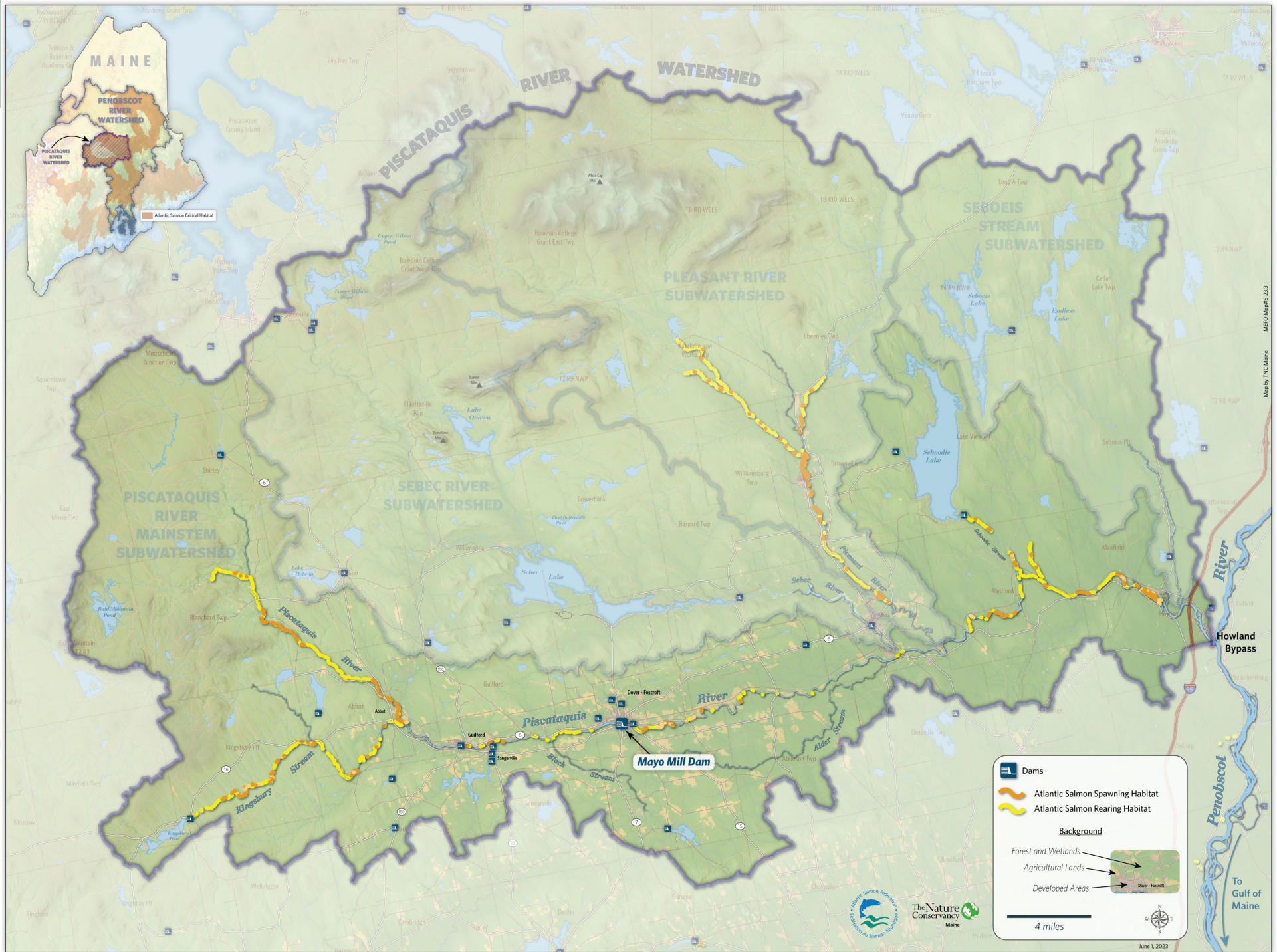
# Project Summary:

The Town owns the Mayo Mill Dam on the Piscataquis River and needs to make a decision to meet state and federal compliance regulations. The Town is partnering with ASF & TNC to complete a community-based feasibility study to determine a viable solution at the Mayo Mill Dam in downtown Dover-Foxcroft.

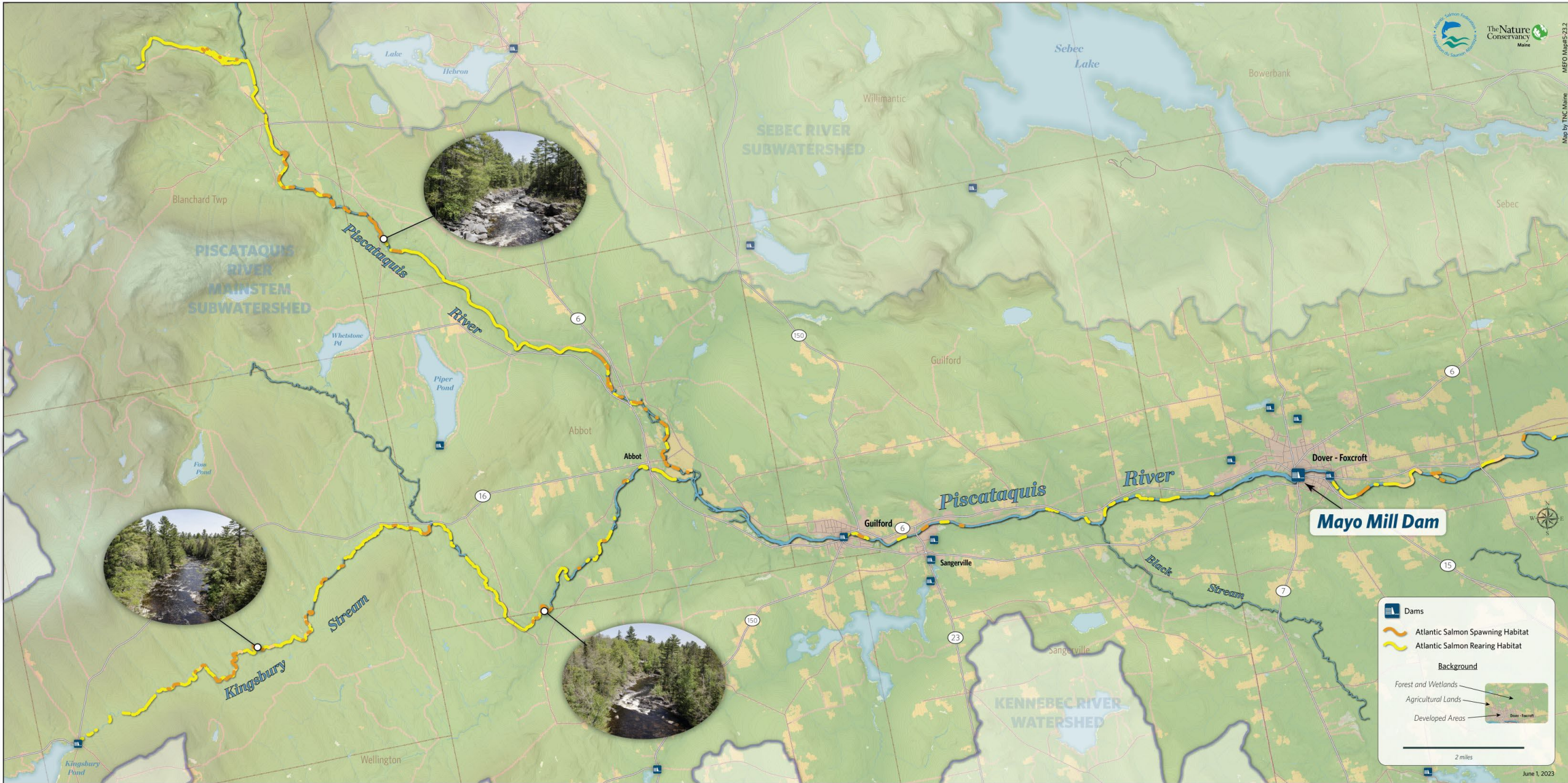


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**Dams**

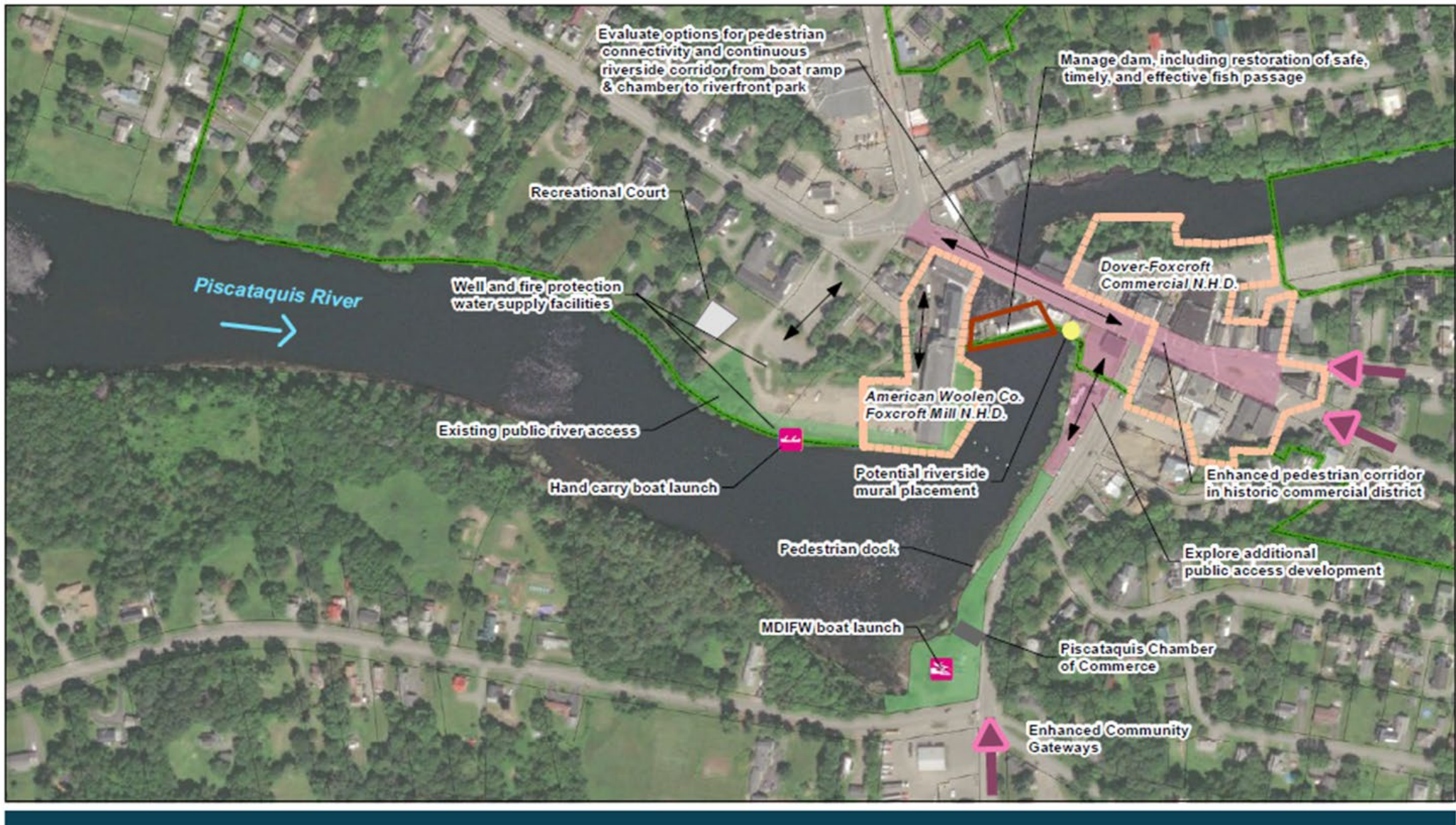
 Atlantic Salmon Spawning Habitat  
 Atlantic Salmon Rearing Habitat

**Background**

Forest and Wetlands  
 Agricultural Lands  
 Developed Areas



 2 miles



**Legend**

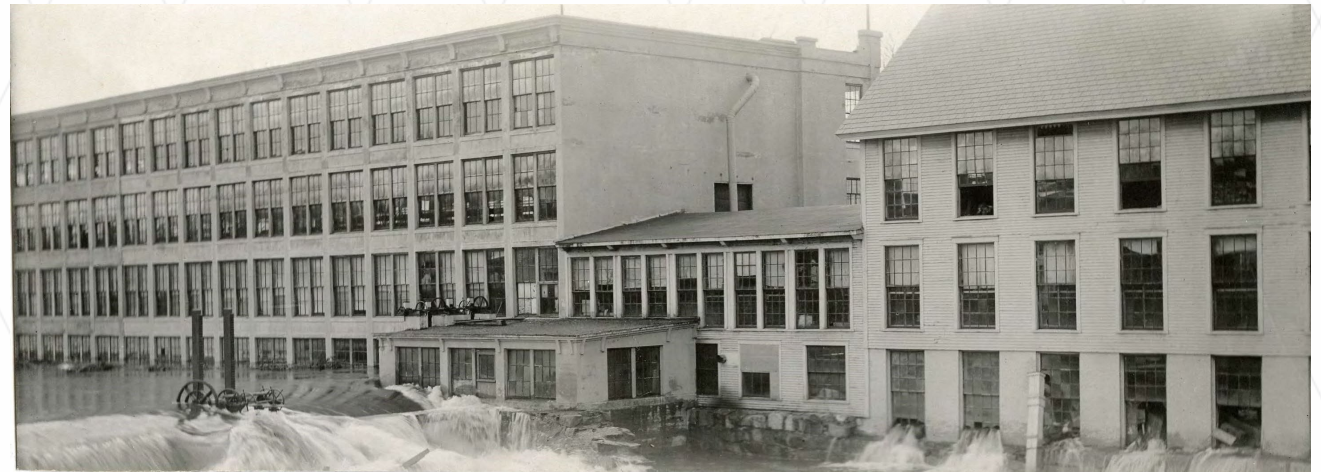
- National Historic District
- Dover-Foxcroft Historic District Boundary
- Pedestrian Access Enhancements
- Parcel Boundaries
- Ped. Circulation Enhancement
- Public Access

**Revitalizing Mayo Mill Dam  
Dover-Foxcroft, Maine  
Site Plan**

# Project Process

- Community Visioning Process
- Feasibility and Alternatives Evaluation
- Community Decision

*Implementation*



# Project Process

## **Community Visioning Process**

1. Establish goals & objectives with town committee for the dam connected structures, & riverfront areas near the dam.
2. Full participation from the community is essential.

## **Feasibility and Alternatives Evaluation**

1. Establish a baseline for existing conditions.
2. Define goals & objectives with stakeholders.
3. Establish measurements of evaluation with stakeholders.
4. Develop feasible alternatives that could meet the goals & objectives and screen the alternatives based on the measurements of evaluation.

## **Community Decision**

1. A final study report including detailed screening of project alternatives is provided.
2. Town Committee selects recommendation.
3. Selectboard chooses a solution set.

# What is a feasibility study?

The feasibility and alternatives analysis report will provide a series of options for the Town to consider for the dam and powerhouse.

For each alternative option, the report will summarize factors including timely and effective fish passage, upfront and life costs, constructability, operation and maintenance requirements, compliance with state and federal regulations, public safety and liability, and enhancement of public amenities in the historic Dover-Foxcroft Downtown and Mill District Corridor and Gateway.



# How will the options be compared to one another?

- Public safety & liability
- Technical/construction challenges
- Initial project cost and life span costs
- Likely long-term operation and maintenance obligation
- Hydropower generation
- Consistency with established downtown planning goals
- Water level impacts
- Estimated fish passage efficiency
- Future flooding resilience
- Water quality
- Regulatory compliance
- Likely availability of external funding
- Historical resources compliance
- Public/recreational access and amenity
- Educational Value
- Aesthetics
- Economic development potential
- Impacts to adjacent facilities/intakes/bridges

# Project Team Structure

## External Stakeholders

### Regulatory

MDEP  
MDMR  
MIFW  
SHPO  
MEMA  
MDOT  
Tribes

NOAA  
USFWS  
FERC  
ACHP

Town CEO  
Town Planning  
Board  
Etc.

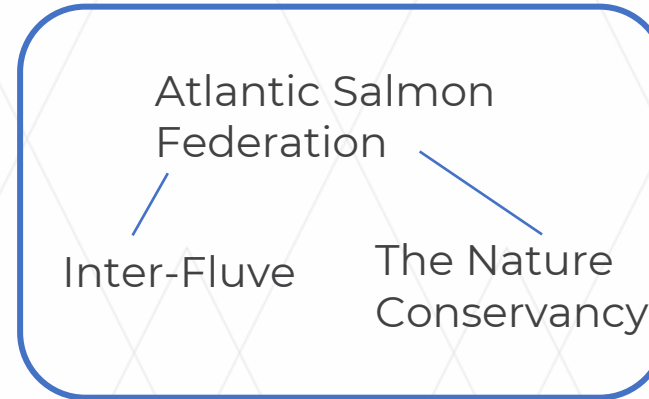
### Local and Regional

Kiwanis  
Church  
Theater  
  
Monument Sq  
Hist. Society  
Chamber

Mill residents

MDC  
SWCD  
Schools  
PCEDC  
Commissioners  
UMaine  
Sea Grant

Etc.



# PARTNERSHIP TEAM

Alsina Brenenstuhl, Project Coordinator, Town of Dover-Foxcroft

Maranda Nemeth, Project Manager, Atlantic Salmon Federation

Eileen Bader Hall, Project Manager, The Nature Conservancy in Maine

Mike Burke, Professional Engineer, Inter-Fluve, Inc.

# STEERING COMMITTEE

A steering committee has been convened by the Town and meets on a monthly basis to oversee the partnership and will make a recommendation on a preferred alternative to the Select Board in November 2023.

Denise Buzzelli - Piscataquis County Chamber of Commerce

Jack Clukey - Dover-Foxcroft Town Manager

Cindy Freeman-Cyr - Dover-Foxcroft Selectboard

Thomas Lizotte - Dover-Foxcroft Selectboard

Chris Maas - Dover-Foxcroft Planning Board/ Historical Society/ Climate Action Committee

Michael Sutton - Dover-Foxcroft Selectboard





# Project Schedule for 2023

## Community

- Monthly Steering Committee meetings
- Continuous consultation with stakeholders
- Ongoing public outreach & engagement
- Selection of 3-5 Alternatives - August
- Steering Committee Decision - November

## Technical

- Basemap – March
- Screening Matrix – July
- Final Existing Conditions – September
- Draft Feasibility Report – October 1
- Final Feasibility – December
- Final FERC submittal – December 31

# Project Schedule for 2023

## Town – Appointed Steering Committee

- Monthly meetings at the Town office
  - January - kickoff
  - February – public outreach planning
  - March – partnership potential
  - April – basemap and flooding
  - May – fish passage
  - June – public forum
  - July – review of prelim matrix
  - August - selection of 3-5 from prelim matrix
  - September – review draft reports
  - October – review draft feasibility and alternatives report
  - November - Decision Recommendation to the Selectboard
  - December – Final Report Presentation



# Project Schedule for 2023

## Engineer/Technical

- March - basemap of existing conditions
- April - preliminary hydraulic modeling of existing conditions
- June - draft preliminary screening matrix table of feasible options
- June to August - supplemental fieldwork
- September – final existing conditions report
- October - draft feasibility and alternatives report
- December - final report submitted to Select Board
- December -compliance report to FERC



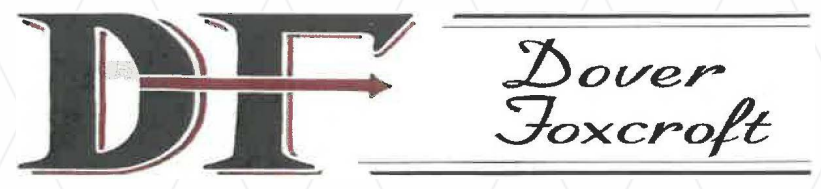


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**Thank you! Questions?**