

Welcome to:

What's going on with the Mayo Mill Dam?

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

What's going on with the Mayo Mill Dam?

A Community Meeting

- Clarify decision context & answer 'why now?'
- Meet the Project Team
- Increase and deepen understanding of the Feasibility Study scope
- Present decision-making process and timeline
- Opportunity for Dover-Foxcroft community members to ask questions

How did we get here and why now?

- 1920 – Dam built with concrete
- 1980 – Dam replaced
- 1982 – Federal Energy Regulatory Commission (FERC) exemption issued to Town of Dover-Foxcroft
- 2000 – Atlantic salmon listed under Endangered Species Act
- 2009 – Piscataquis River in final ESA designated critical habitat for Atlantic salmon
- 2007 – Mill closed, which later led to 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 and why now?

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



How did we get here and why now?

- Regulatory requirements including fish passage, dam safety, etc.
- Funding availability
- Concurrent downtown projects
- Reach a sustainable, long-term solution



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

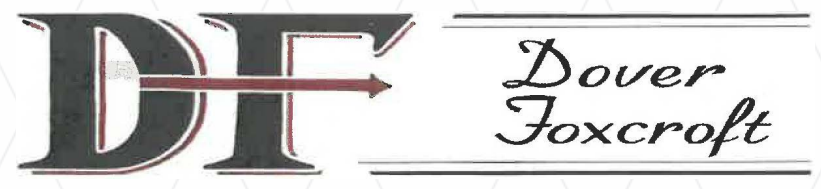
Chris Maas - Dover-Foxcroft Planning Board/ Historical Society/ Climate Action Committee

Michael Sutton - Dover-Foxcroft Selectboard



Mayo Mill Dam and Appurtenant Facilities Feasibility & Alternatives Study

for the Town of Dover-Foxcroft



Project Overview:

- Summary
- Process
- Team
- Schedule



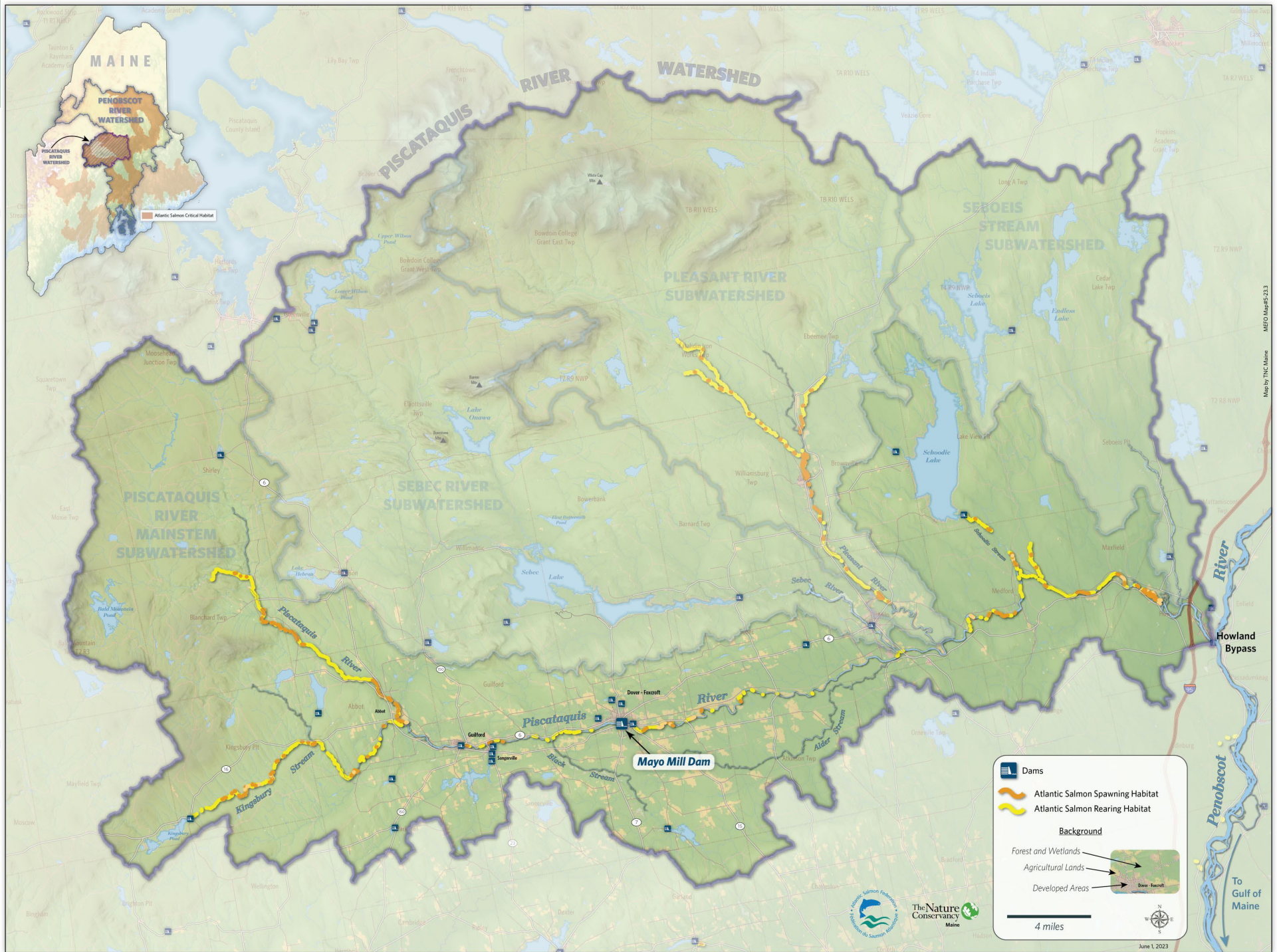
Funding and support for the feasibility study is through Atlantic Salmon Federation, The Nature Conservancy, & NOAA Fisheries.

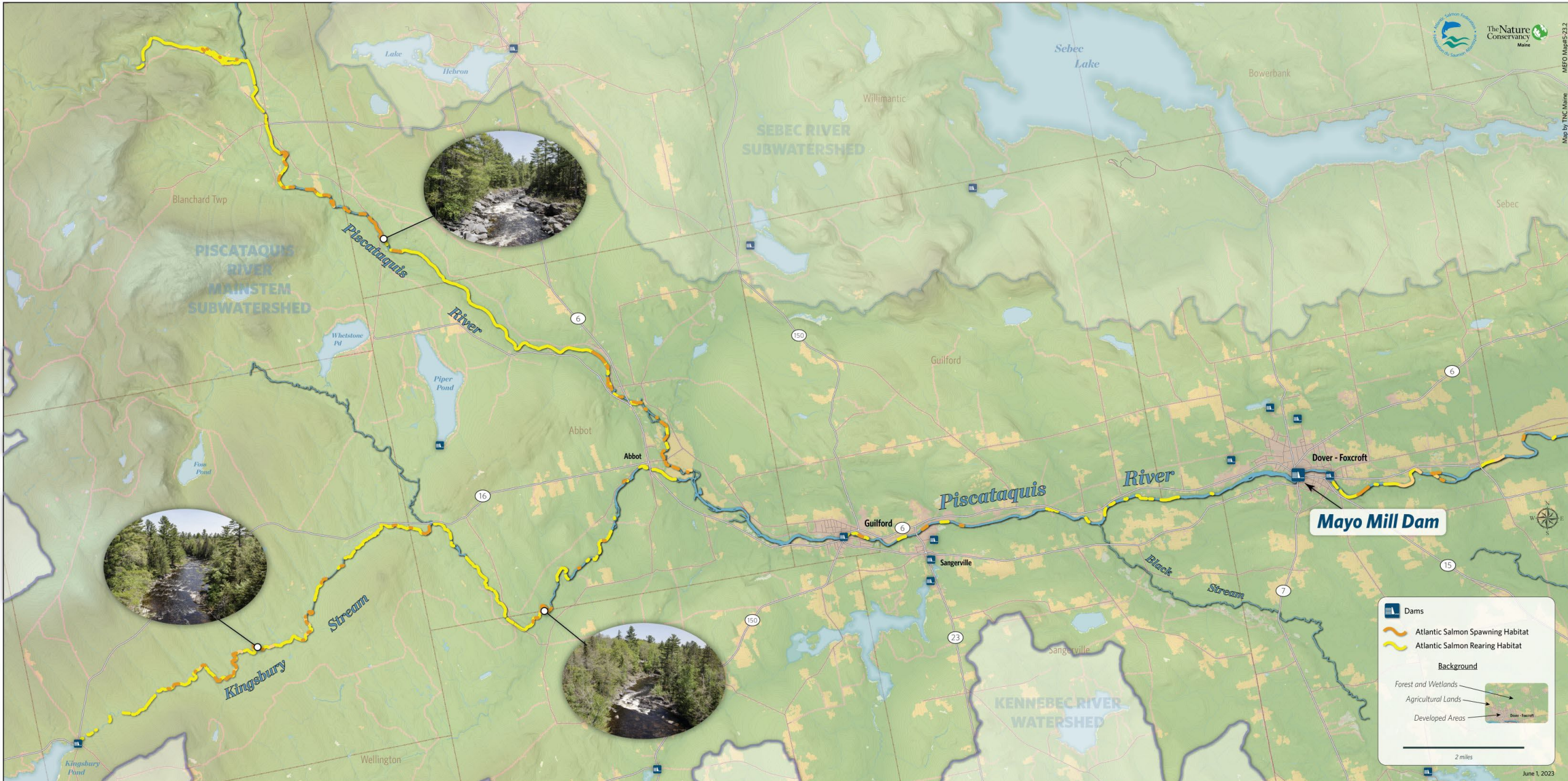
Project Summary:

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 to with ASF & TNC to complete a community-based feasibility study to determine a viable solution at the Mayo Mill Dam in downtown Dover-Foxcroft.







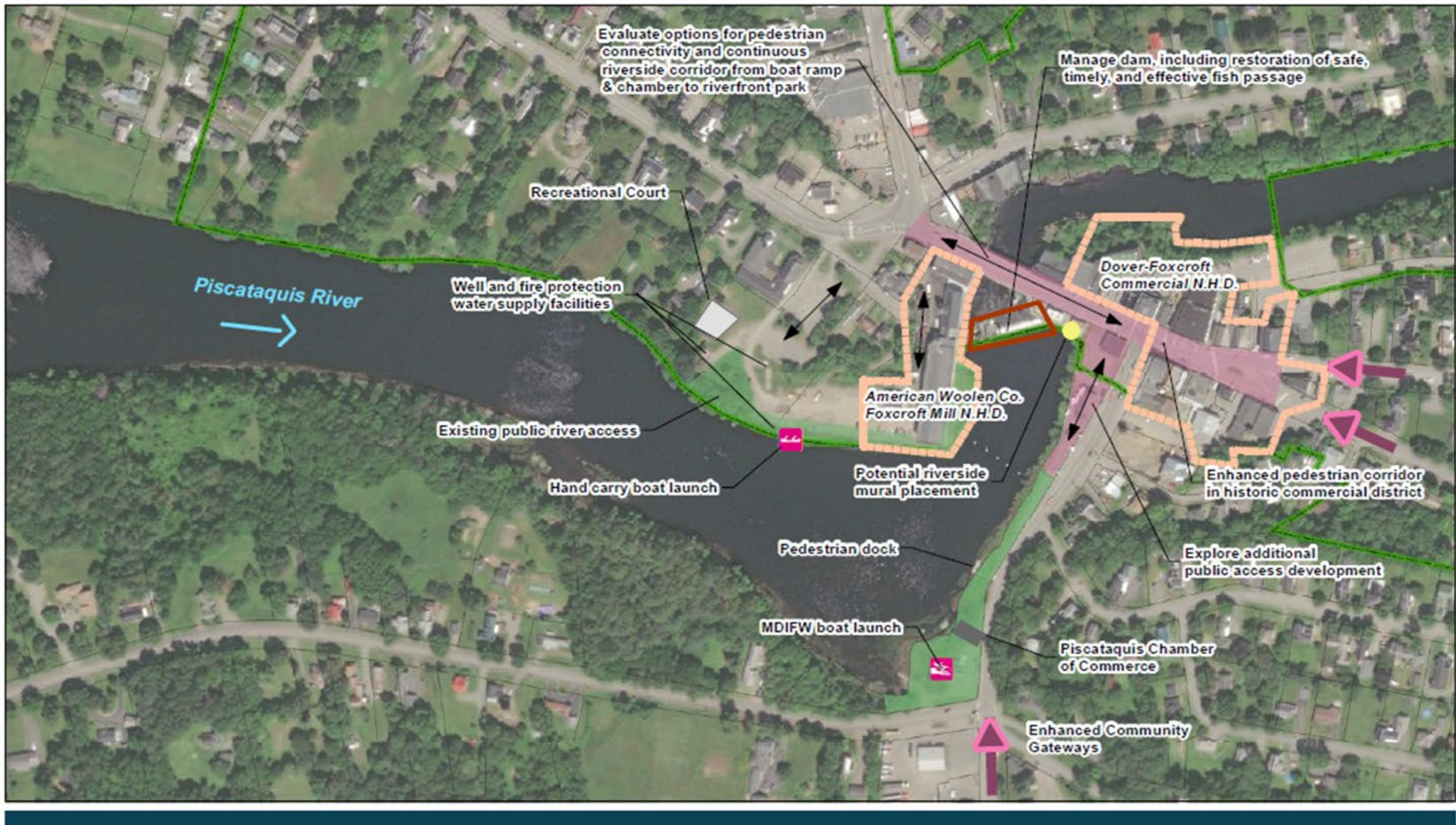
Dams

 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

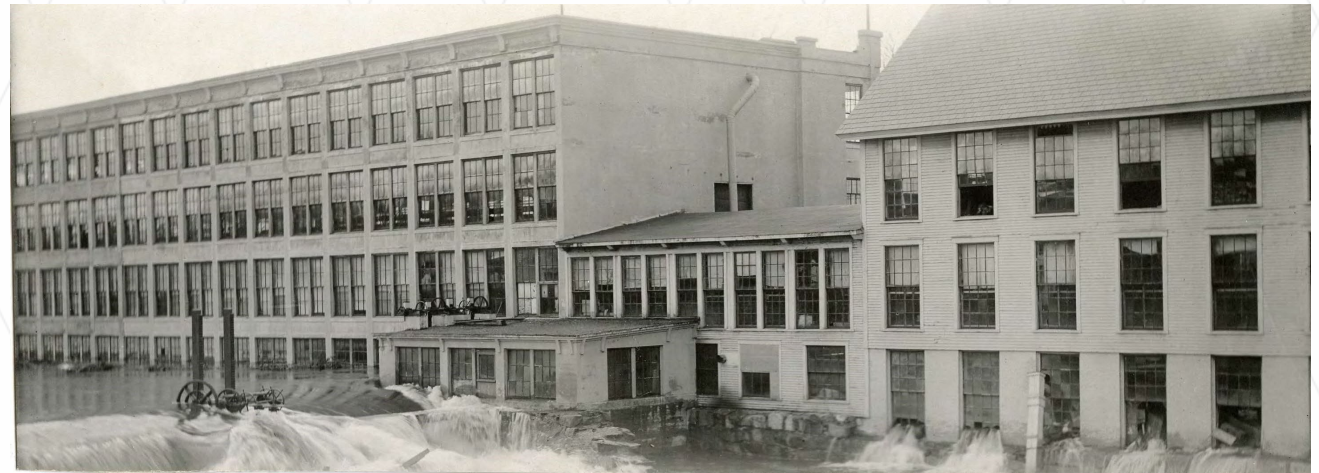
- Ped. Circulation Enhancement
- Public Access

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

Project Process

- Steering Committee Convening
- Feasibility and Alternatives Evaluation
- Community Decision

Implementation



Project Process

Steering Committee and Public Forum

1. Establish goals & objectives with town committee for the dam connected structures, & riverfront areas near the dam.
2. Active steering committee as desired by the Town.
3. Full participation from the whole 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 Steering Committee selects recommendation.
3. Selectboard reviews and 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 Schedule for 2023

Community

- Monthly Steering Committee meetings
- Continuous consultation with stakeholders
- Ongoing public outreach & engagement
- Steering Committee Decision Recommendation

Technical

- Basemap – March
- Screening Matrix – July
- Final Existing Conditions – September
- Draft Feasibility Report – October 1
- 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
 - Then:
 - Decision Recommendation to the Selectboard



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
- Then:
 - final report submitted to Select Board
 - compliance report to FERC



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