

# Pawcatuck River Fish Passage Restoration Project

“Restoring Our Connections  
To The Sea  
For Migratory Fish”



Wood Pawcatuck Watershed Association  
NOAA Restoration Center



# A Photographic Tour of the Pawcatuck River

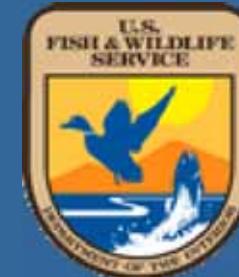


From the Fish's Perspective

# Partners for this Project:



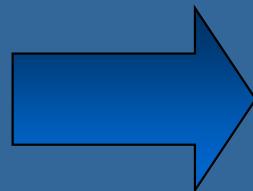
*Wood Pawcatuck Watershed Assn*



# Ecological Significance



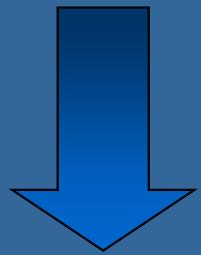
River otter



Osprey

- River herring are a major prey item
- Healthy river herring populations support many species of game fish
- Many other species of wildlife depend on healthy river herring populations as a source of food

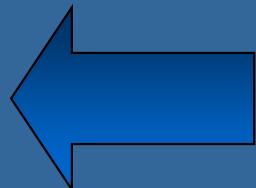
[www.ronausting.com](http://www.ronausting.com)



Bald eagles



Striped bass



(Text Source: CT DEP)

## Target Species

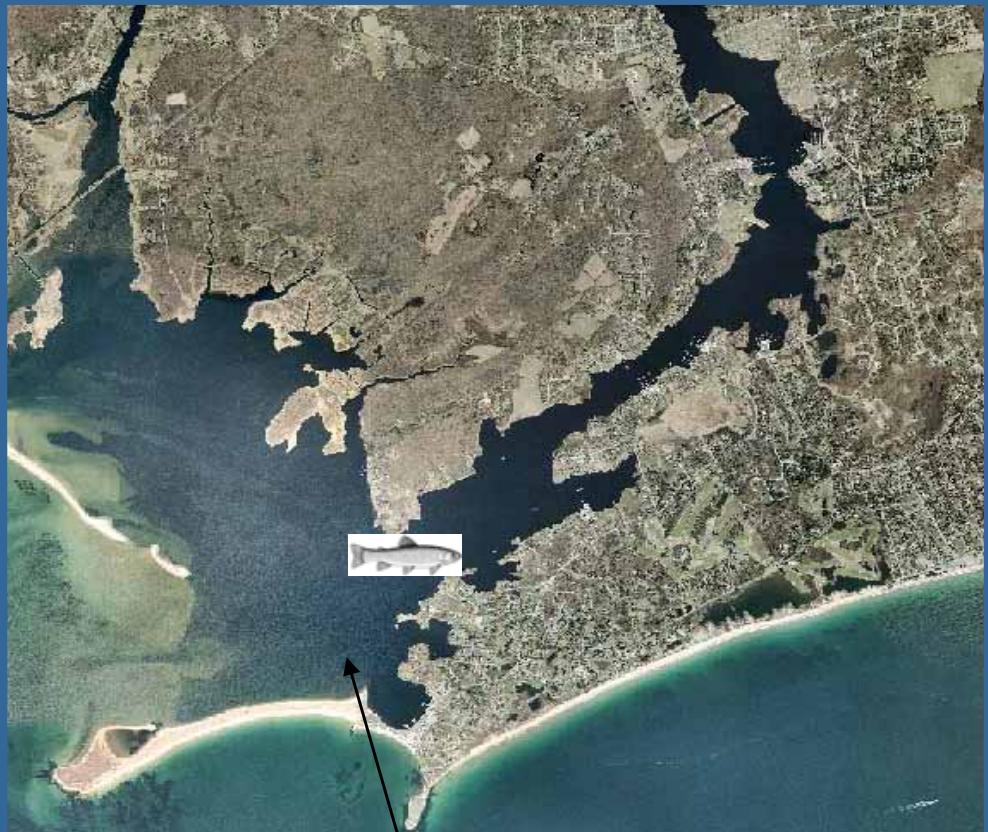
A range of species will benefit including....

alewife and blueback herring, American shad, Atlantic salmon, American eel, brook and brown trout

Total habitat to be made accessible to fish.....

approximately 1300 acres in the upper Pawcatuck watershed and over 8 stream miles

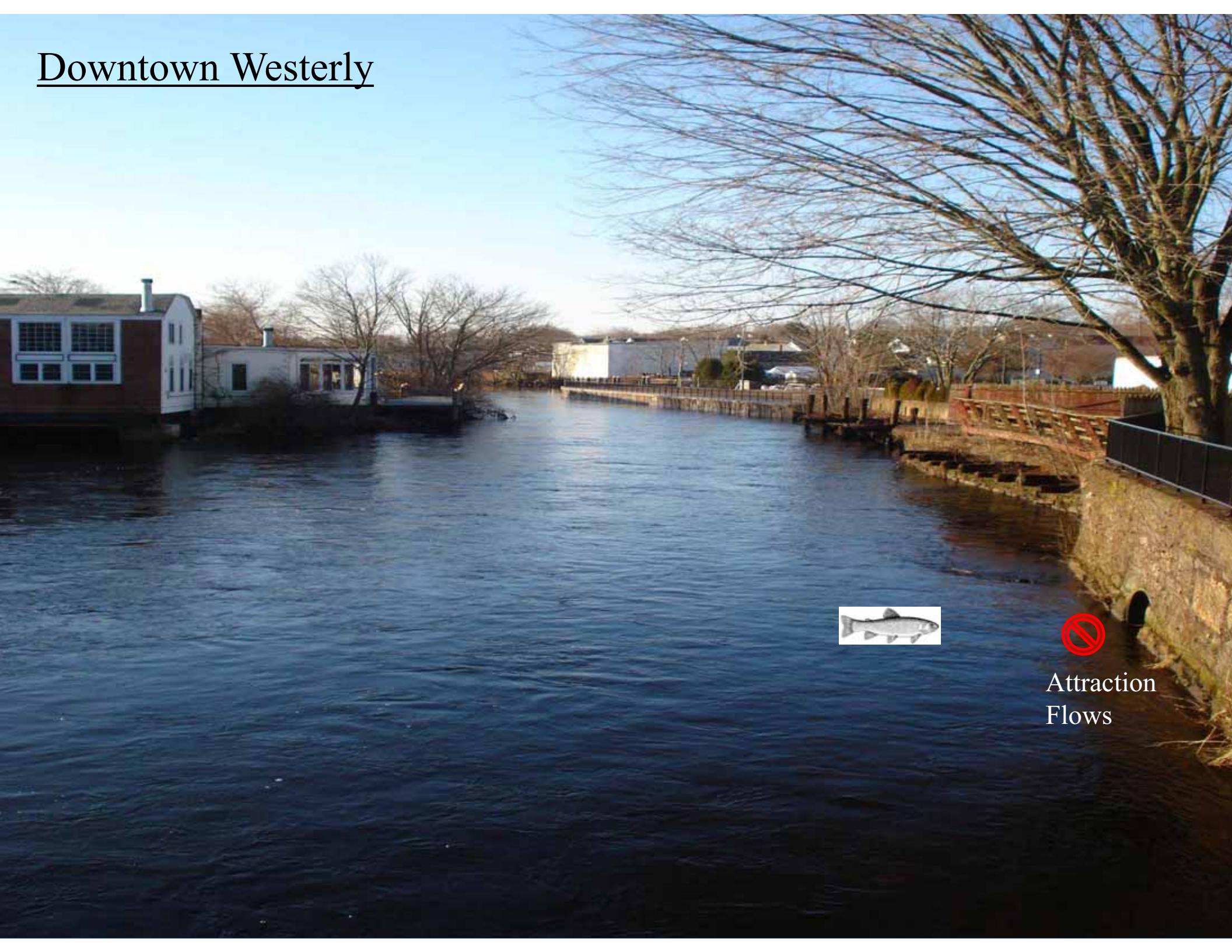




# The Estuary

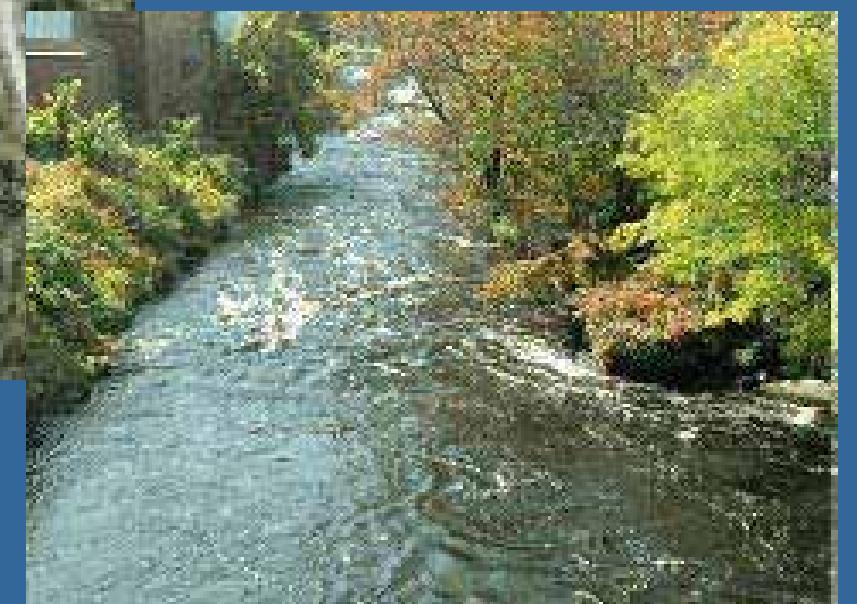
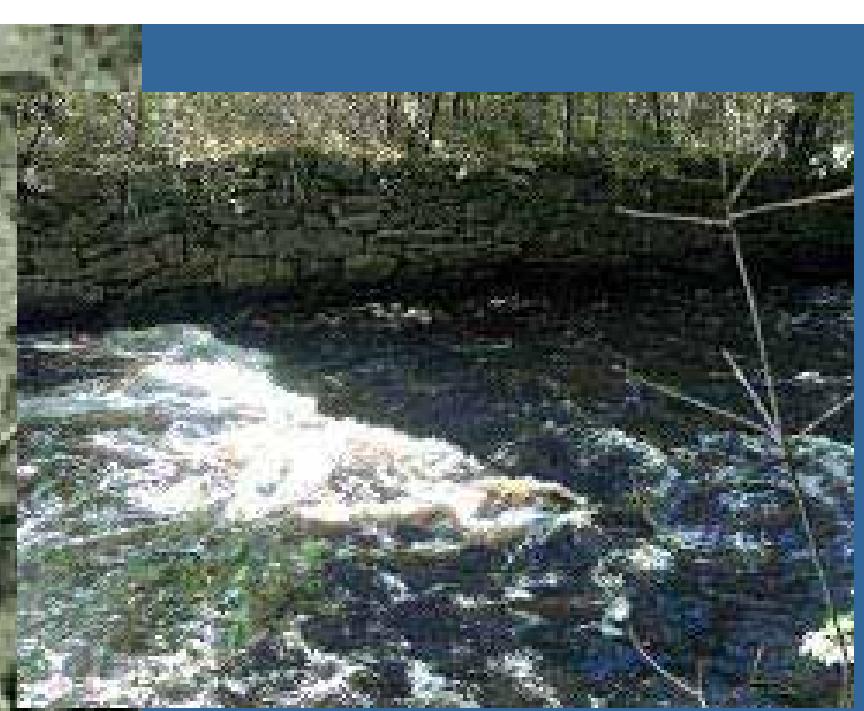


## Downtown Westerly



Attraction  
Flows

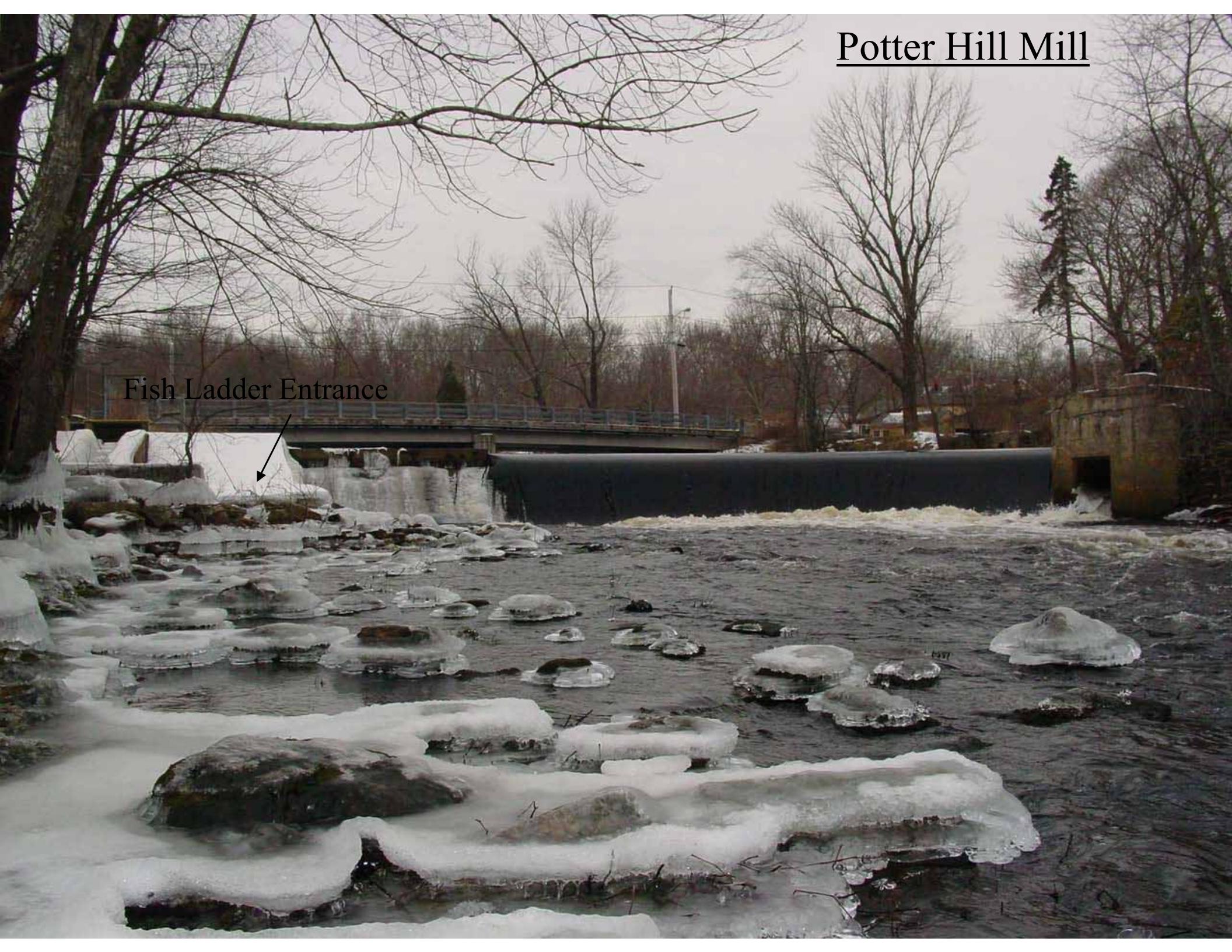




White Rock

# Potter Hill Mill

Fish Ladder Entrance



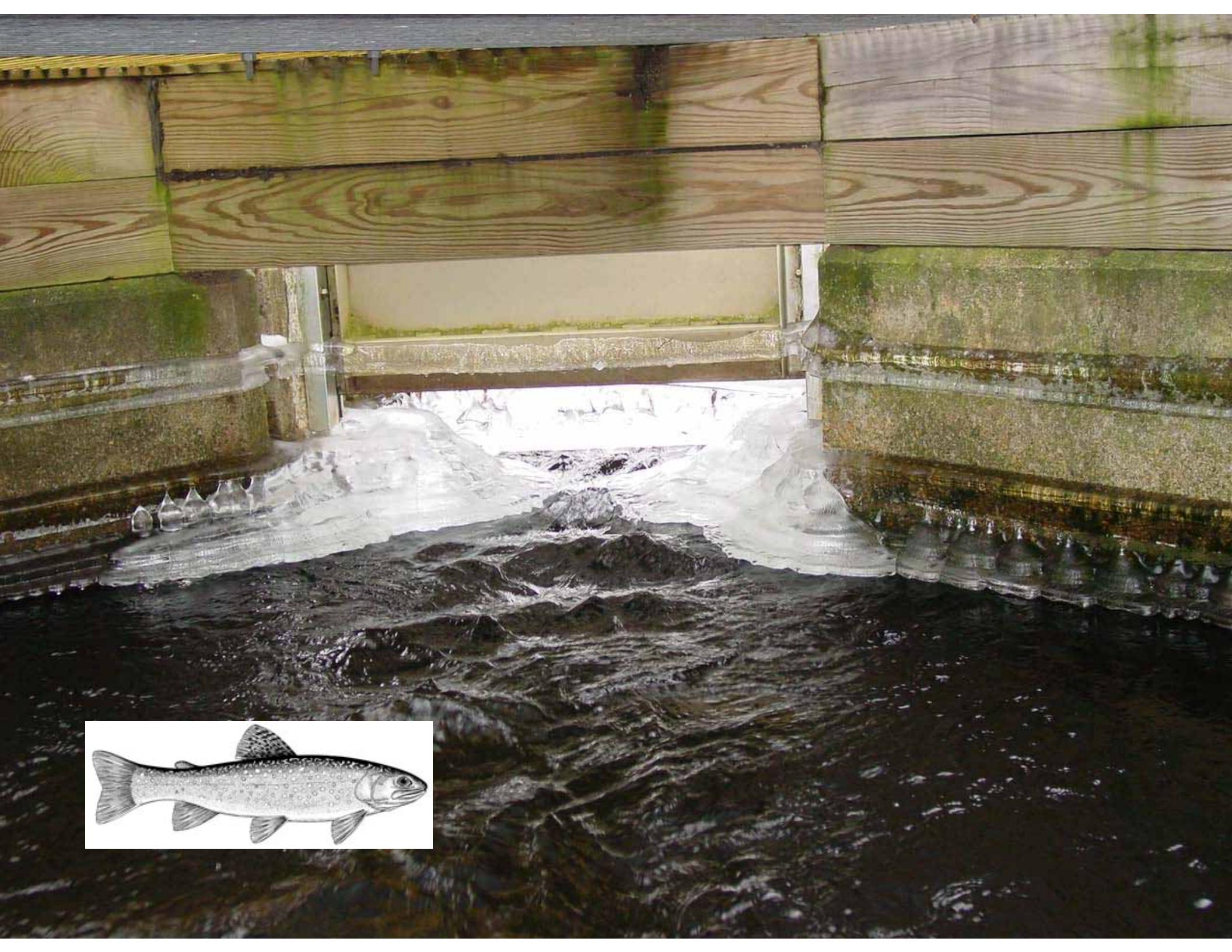
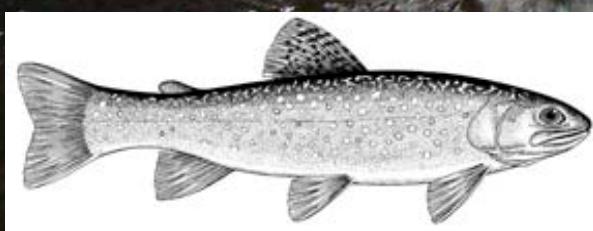




Fish Ladder Entrance

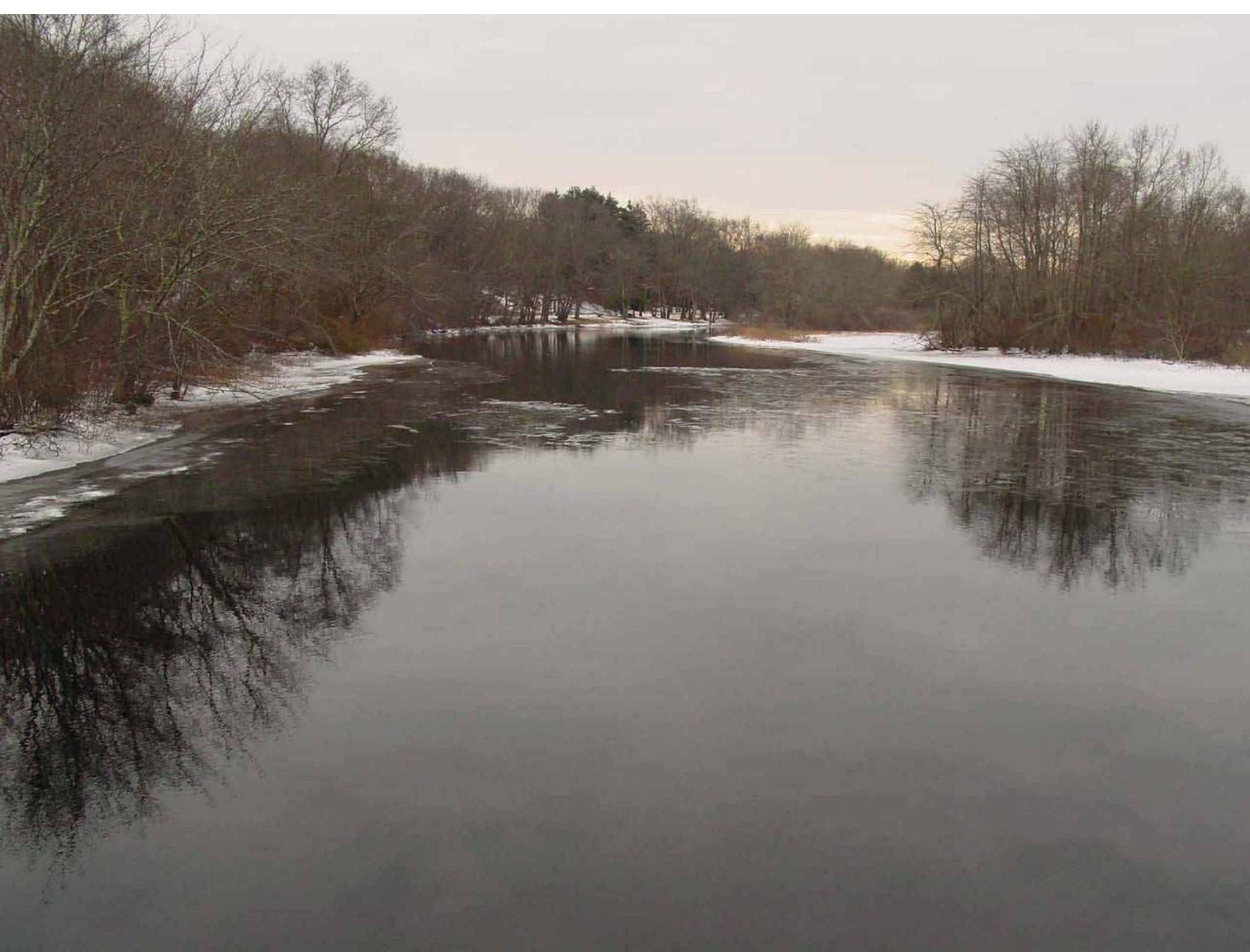




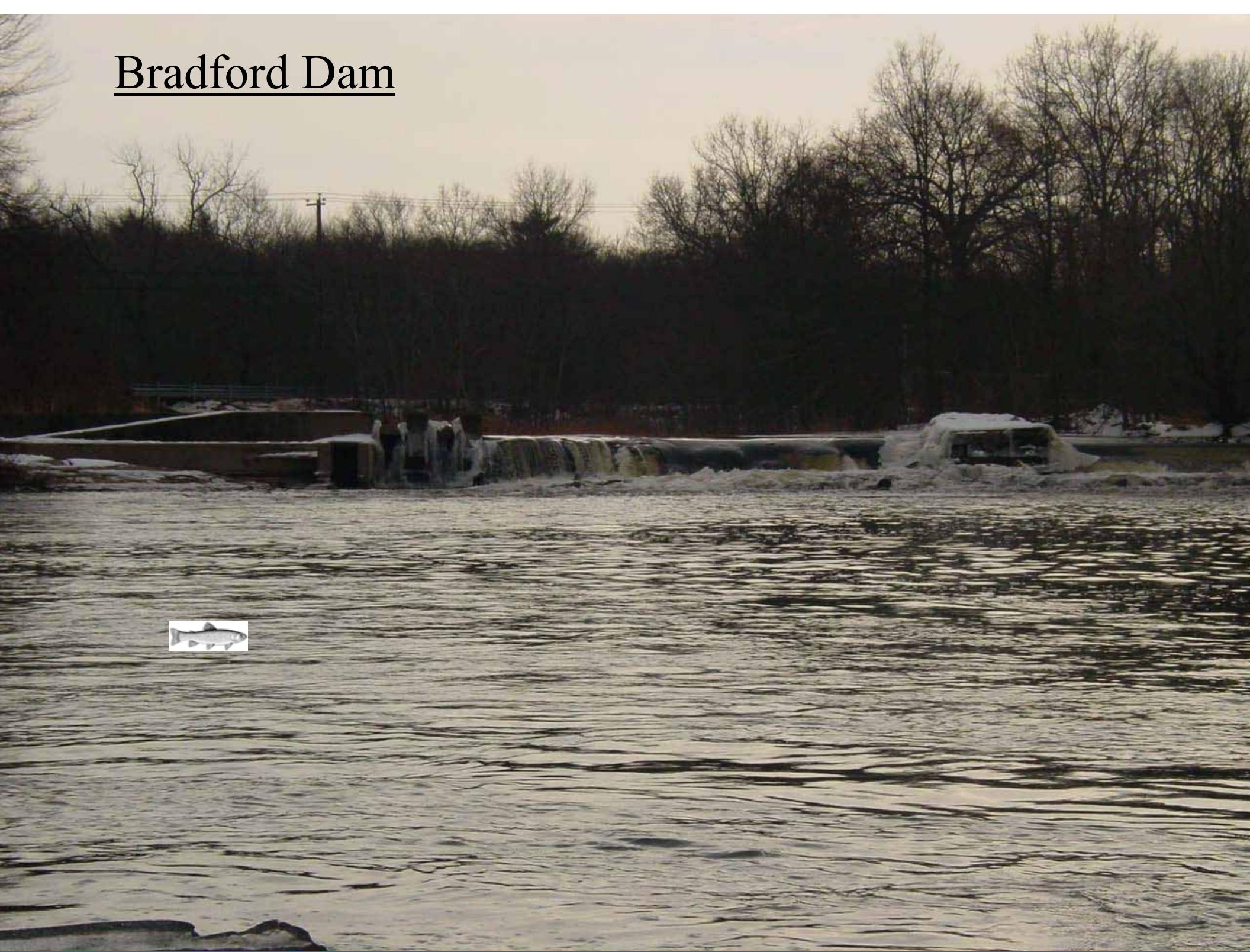








# Bradford Dam





# Bradford Fish Ladder

RIDEM Owned  
& Maintained

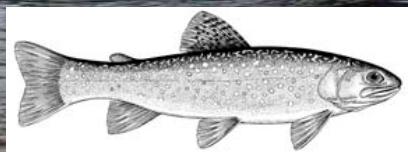
Dam & Land  
Owned by  
Bradford Dye

Built by  
RIDEM in  
1981

Modified by  
WPWA NRCS  
USFWS in  
2008















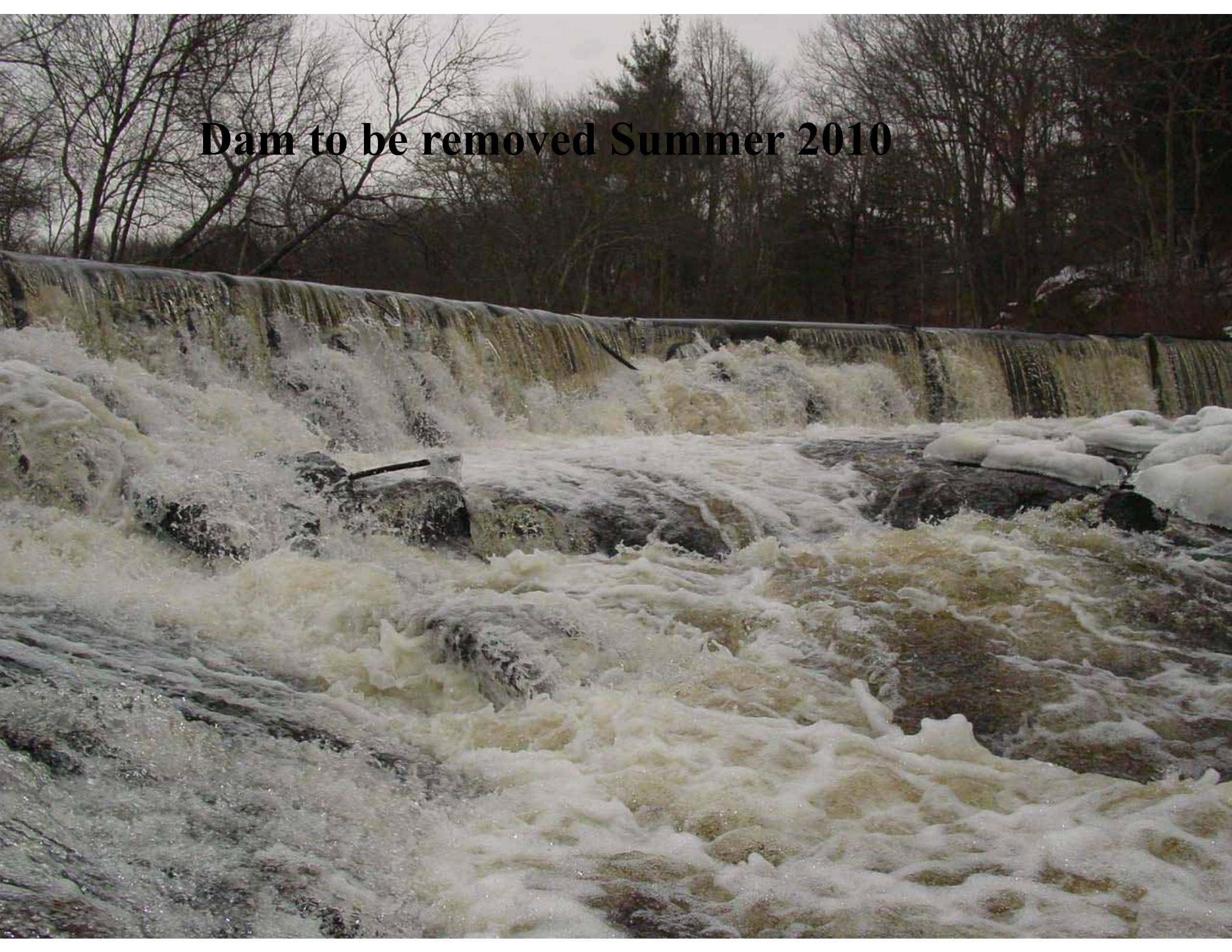


# Lower Shannock Falls







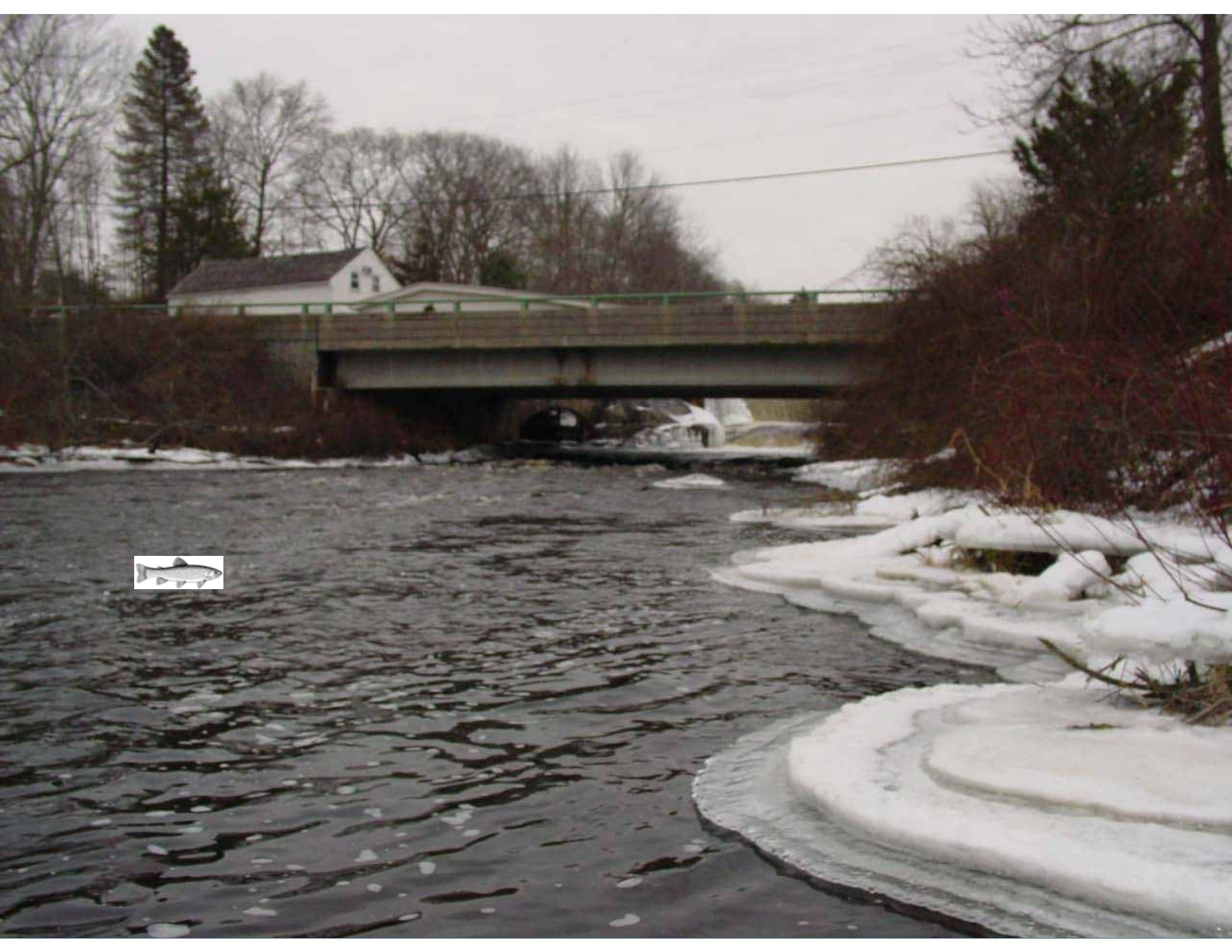
A photograph of a wide river flowing over a low dam. The water is turbulent, creating white foam and spray. The dam itself is a long, low wall covered in green moss and algae. In the background, there is a dense forest of bare trees, suggesting it might be autumn or winter. The overall scene is one of natural power and the impact of human-made structures on the environment.

**Dam to be removed Summer 2010**



# Horseshoe Falls







## Ladder Location



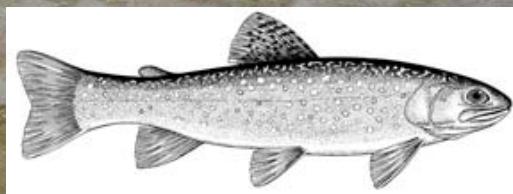


# Kenyon Mill Dam



# Dam to be Breached 2011









Worden Pond

An aerial photograph showing the source area of the Pawcatuck River. The river begins in a dark, irregularly shaped body of water located in the center-right portion of the frame. A thin, winding stream flows out from the bottom left of this body of water, representing the river's headwaters. The surrounding terrain is a mix of green vegetation and light-colored, possibly agricultural or developed land. In the top right corner, there is a small circular icon containing a north arrow symbol (a letter 'N' inside a circle).

N

Pawcatuck  
River →  
Origination



**ATTENTION**



**CLOSED**

**TO THE HARVEST OF  
RIVER HERRING**

*(Alosa pseudoharengus and Alosa aestivalis)*

Until further notice, the harvest and possession of Alewives or Blueback Herring is prohibited from Rhode Island marine and fresh waters.

**FOR ADDITIONAL INFORMATION:**

RI Department of Environmental Management

Division of Fish and Wildlife

(401) 789 - 0281, (401) 789 - 7481

Division of Enforcement

(401) 222 - 3070



# Upper Pawcatuck River Fish Passage Restoration Project

Thank You  
For Your Support



Wood Pawcatuck Watershed Association  
NOAA Restoration Center  
January 24<sup>th</sup> 2010

