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5-6-2005

### Introduction to Long Pond

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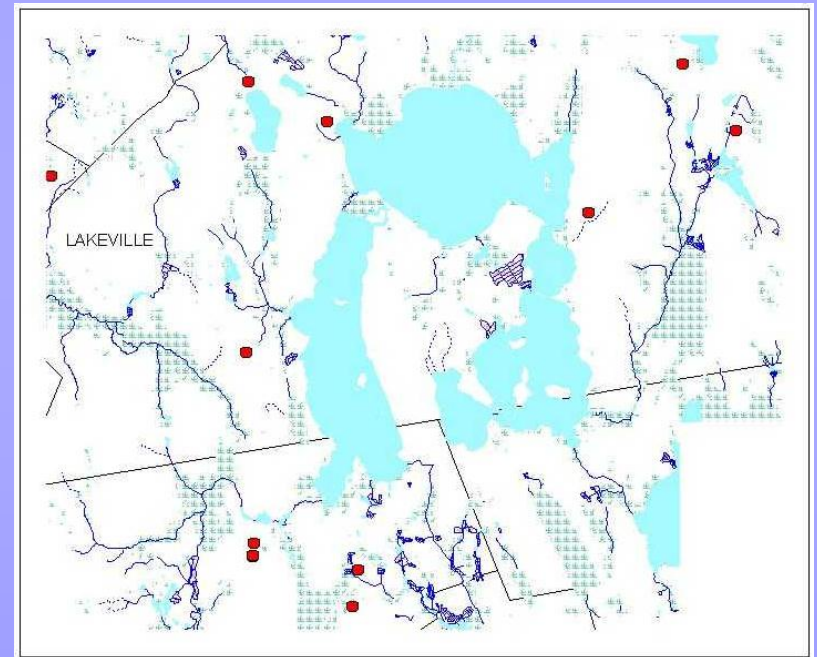
A scenic photograph of a sunset over a body of water. The sky is filled with vibrant orange and yellow hues, reflecting on the calm water. A dark, silhouetted tree branch hangs down from the top right corner. In the distance, a small boat is visible on the water. The overall mood is peaceful and serene.

# Introduction to Long Pond

By Kristen Hewett and Mollie Quelle

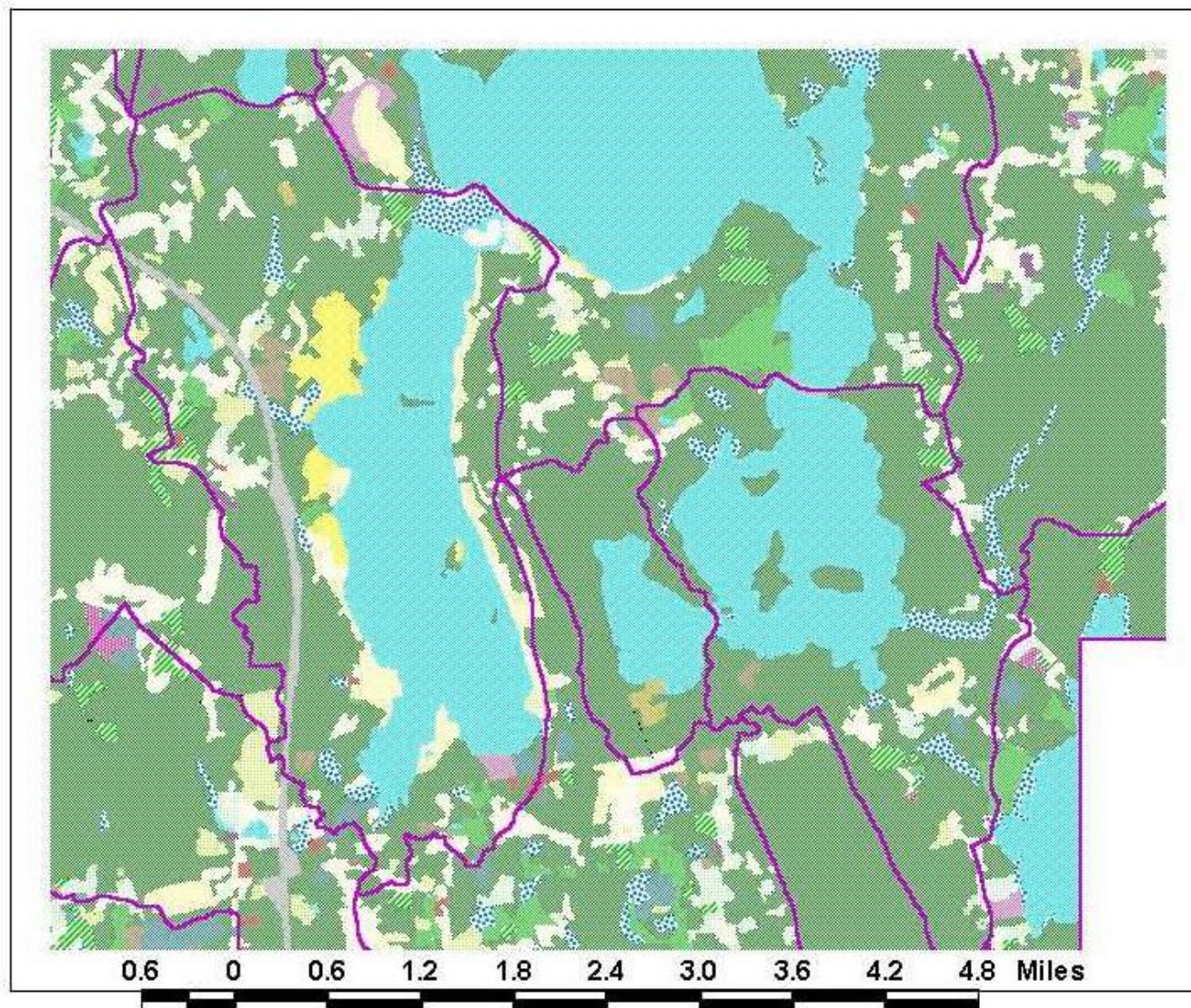
# General Information

- 5-pond complex
- Formed by glaciers
- 1,721 acres
- Taunton River Watershed
- Altitude- 82 feet
- Mean depth- 6 feet
- Max depth- 10 feet
- Clarity- up to 5 feet

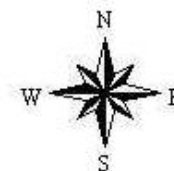




# Long Pond-Land Use



- Sub-basins
- Land Use**
- Crop Land
- Pasture
- Forest
- Non-Forested Wetland
- Mining
- Open Land
- Participation Rec.
- Spectator Rec.
- Water-based Rec.
- Multi-Fam. Res.
- High Density Res.
- Medium Dens. Res
- Low Dens. Res
- Salt Water Wetland
- Commercial
- Industrial
- Urban Open
- Transportation
- Waste Disposal
- Water
- Woody Perennial
- MA Towns

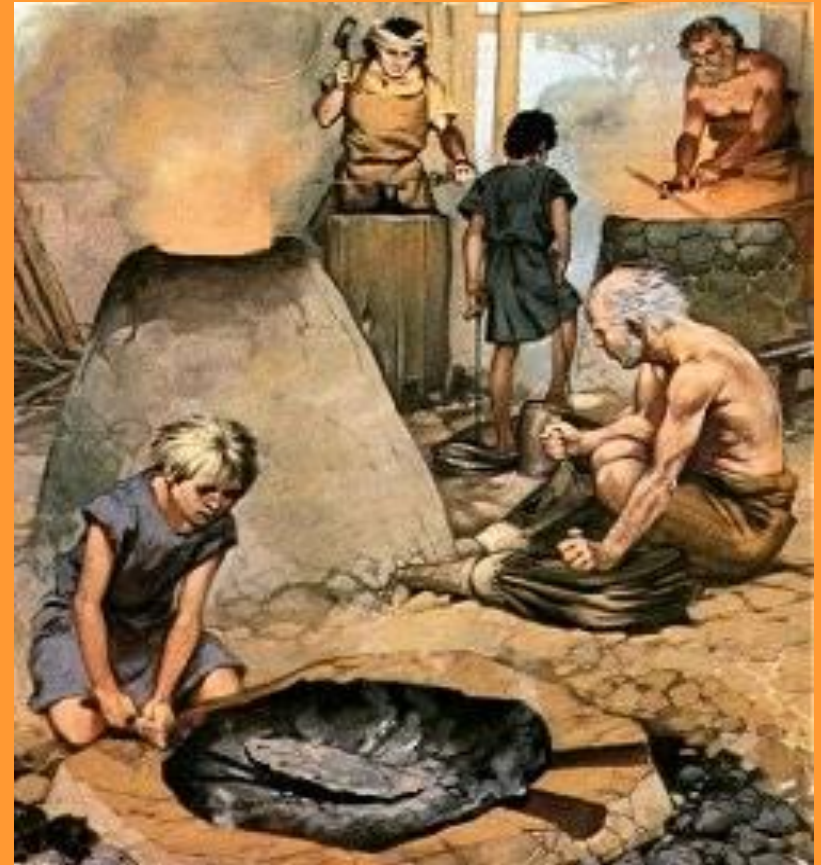


Created by: Mollie Quelle  
March 30, 2005



# Historical Land Use

- Used to be agricultural town
- Transportation of iron and men
- Iron smelting mills



# Changing Population

- Commute to Boston
- Work in city, live in suburbs



# Residential Land Use

- Population increase
- Residential development
- Converted lakeside summer cottages
- Clark Shores
  - 1977- 160 year-round houses
  - 2000- 261 year-round houses

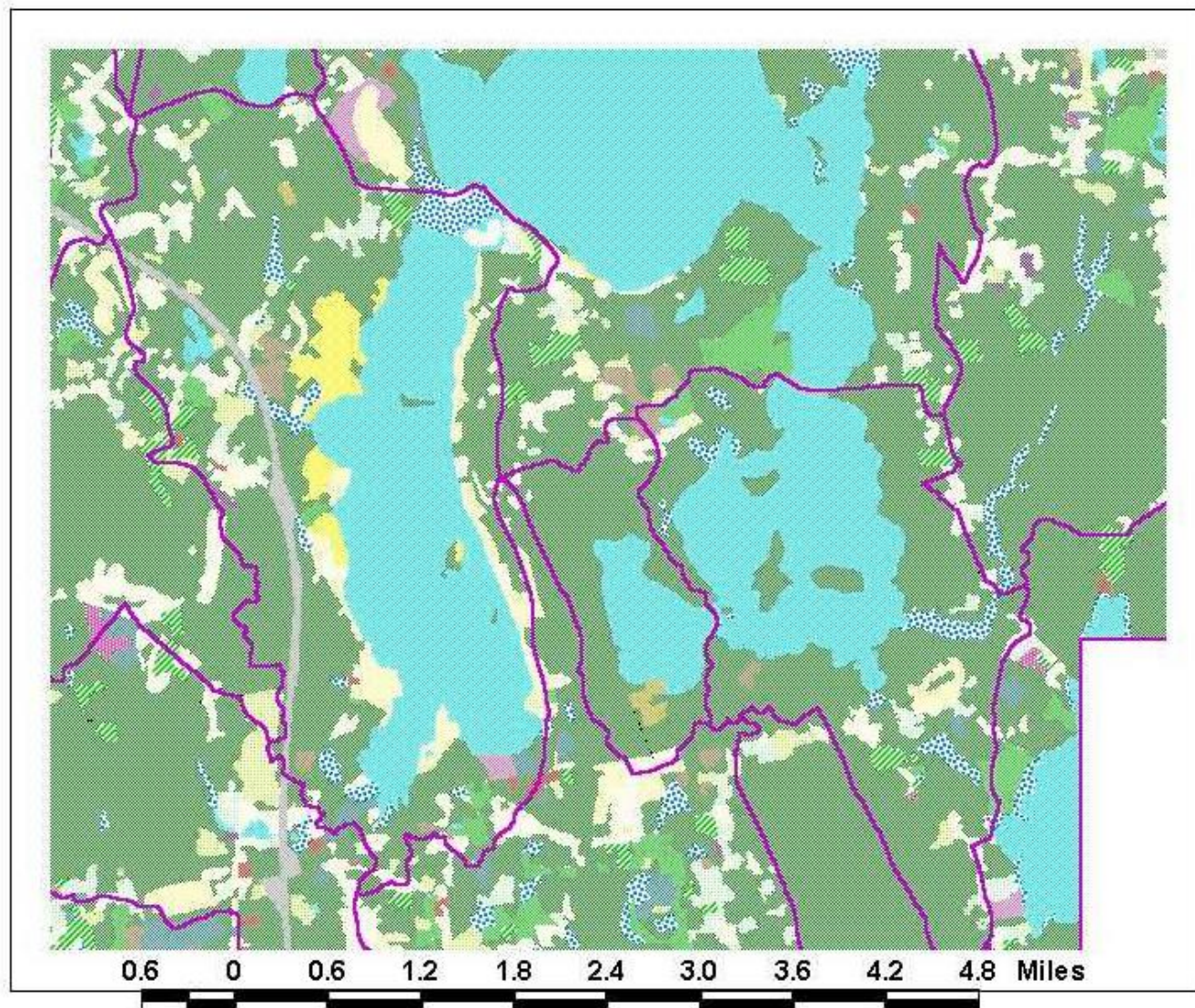
# General Land Uses

- Drinking supply
- Irrigation
- Swimming
- Water skiing
- Fishing
- Ice skating
- Ice fishing
- Boating

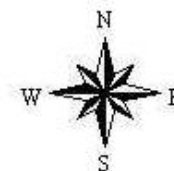




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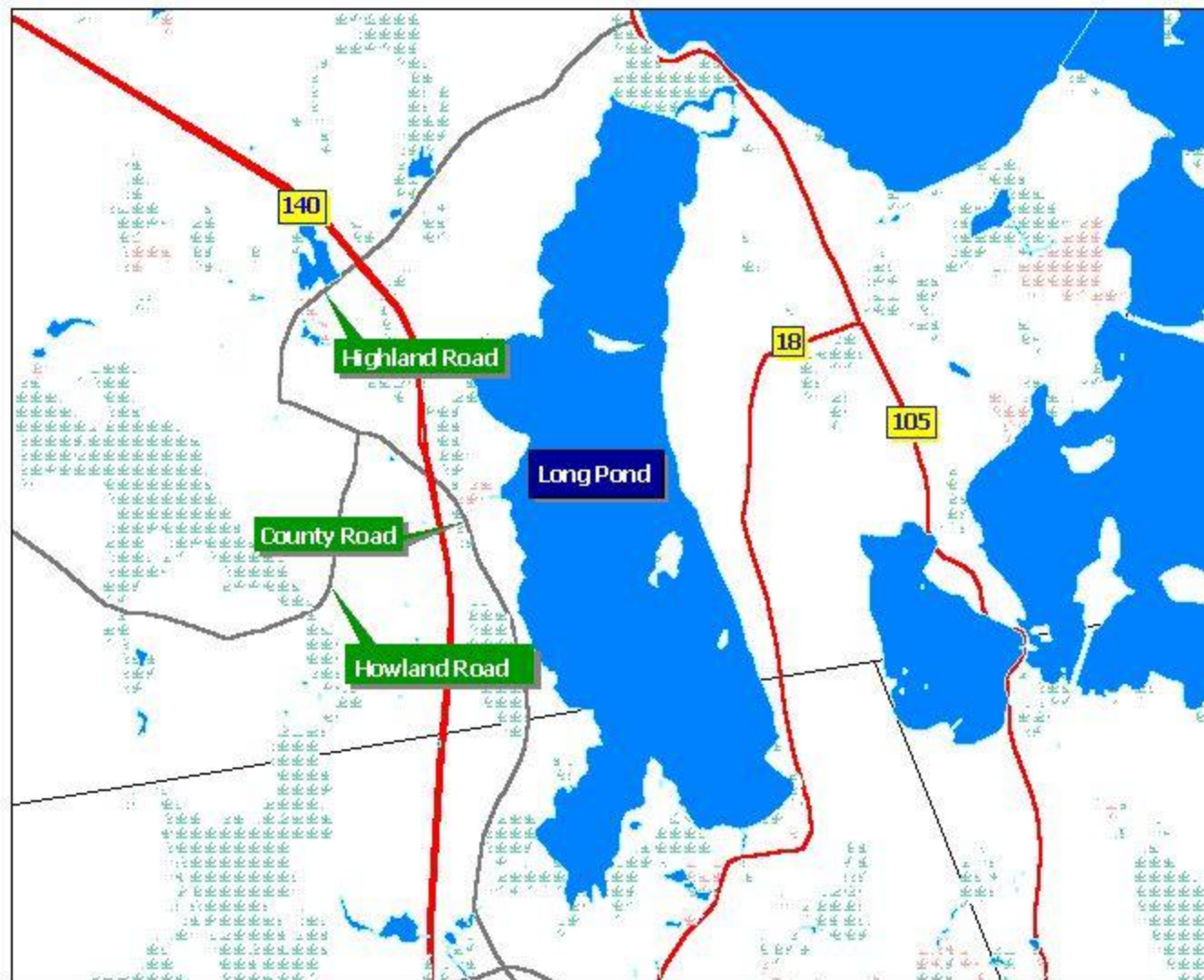


# Lakeside Festival

- Annual festival
- Cathedral Camp
- 1800's
- Carnival rides and stands



# Long Pond - Transportation



## Lakes & Ponds

Wetland / Salt Marsh

Cranberry Bog

Surface Water

Tidal Flat

Impoundment

Dam

## Maj MHD Rds by Admin lg scal

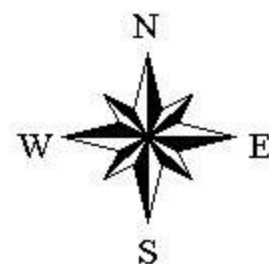
Interstate

U. S. Federal

State

Major Road - Connector

MA Towns



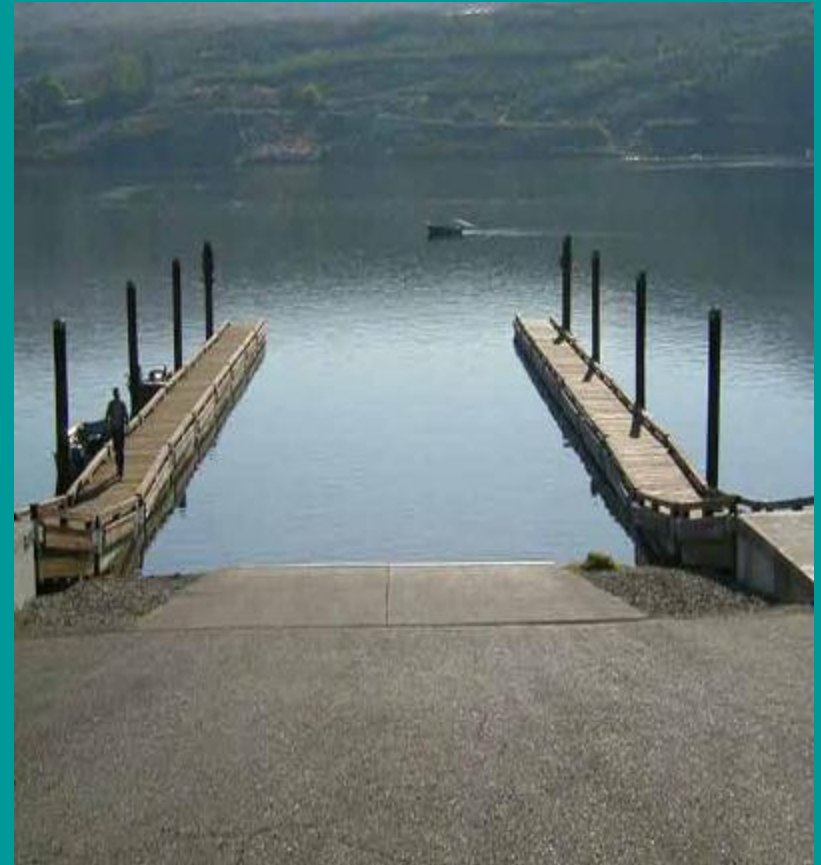
Created by:  
Sarah Douillette  
April 1, 2005

0.8 0 0.8 1.6 2.4 3.2 Miles



# Usage Change

- Public boat ramp
- Department of Natural Resources
- Increased boat activity
- Decreased clarity



# Problems

- Presence of fecal coliforms
- Presence of Eurasian Milfoil

