

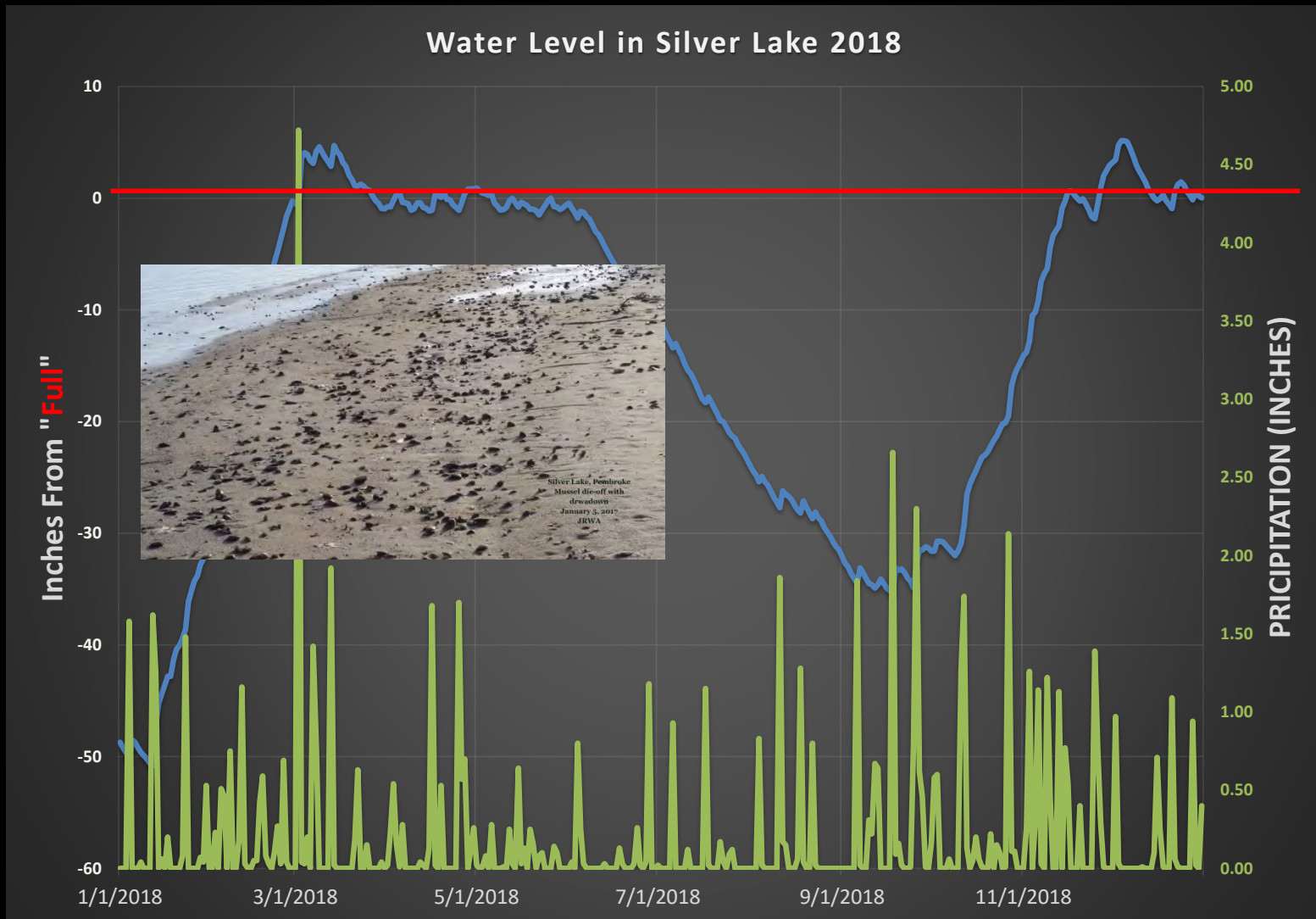


At Jones River Landing, 55 Landing Rd. Kingston
Access the estuary, 1.5 mi from Kingston Bay

Top Three Issues for Jones River health

- Diversions impact quantity, quality, wildlife
 - Management by politics and economics
- River restoration: remove obstructions
 - Dams, culvert upgrades, stormwater
- Climate Impacts education
 - Monitor species shifts, flooding, adaptation strategies

Silver Lake in Kingston, Pembroke, Halifax, and Plympton is manipulated by Brockton.



River restoration: remove obstructions

Dams, culvert upgrades, stormwater



Climate impacts/adaptation



New location after years of advocacy, waste nuclear fuel is being moved here 75 feet higher and 700 feet from shore

Existing storage of waste fuel 150 from shore within feet of floodplain

Jones River Landing Environmental Heritage Center



Drew Heritage House



Drew House was purchased in December by JR Landing as the oldest remaining building of the oldest continuously operating boatyard in the US. We are working to restore the house as a functioning residence to advance science and engineering to help address all of our emerging issues.



Stephen Drew house (right center) and John Bradford house on hill behind trees. *Tiger*, the only steamer built on the Jones River by Edward Ransom upriver from the Drew House.

Courtesy of Kingston Public Library

Science/Monitoring



We encourage water quality monitoring for nutrients and bacteria. “Bloomwatch” is an online EPA method for uploading and tracking algae blooms. (EPA workshop left)



We continue to monitor and watch the impacts of Brockton diversions including fish kills in Silver Lake. (monitoring levels at Brockton dam on Jones River)

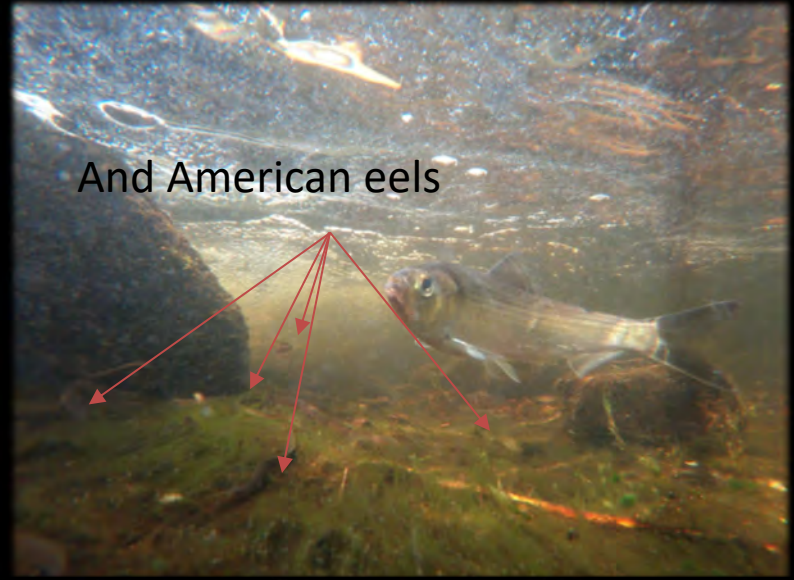
We continue nutrient sampling in the estuary and Cape Cod Bay with Center for Coastal Studies.

Citizen Science/Monitoring fish will begin in earnest at Lake Street at the Brockton Dam on Jones River

River herring



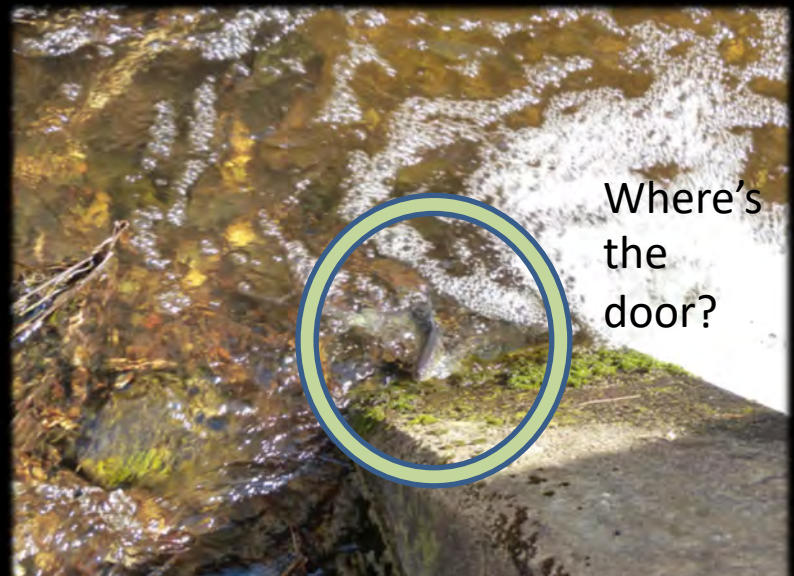
And American eels



White perch



Where's
the
door?



Citizen Science/Monitoring



MEPA site visit a result of 13 years of volunteer fish counting at the top of this fish ladder. State, federal, local and foundation funding over 1 million dollars

Recent Successes

Elm Street Dam permits and funding in hand:

 UNDAMMING to begin July 2019

MOU between Brockton & DMF

 Fish Ladder coming to Brockton dam in April

Entergy ceases operations May 31, 2019

 Decided to relocate nuclear waste high & dry

Purchase of Drew House with Town CPC support

 Established Science & Restoration teams

- Complete Elm Street dam removal & river restoration
- Work with Kingston & DMF, Brockton and others to improve management at Silver Lake to restore habitat continuity between Silver Lake and CC Bay.



- Establish educational programs at Landing to support Drew Heritage House plan
- Retrofit Jones River Landing to adapt to periodic and persistent coastal flooding challenges
- Raise the funds needed to do all this.



From Silver Lake to Kingston Bay, a vital river supporting a diverse ecosystem of essential species

How to join!

Come by Jones River Watershed Association,
located @55 Landing Road, Kingston MA, or go
online to jonesriver.org

Membership forms also in lobby

