



Watershed Action Alliance of Southeastern Massachusetts

www.watershedaction.org

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- **Back River** Watershed Association
- **Barnstable** Clean Water Coalition
- **Eel River** Watershed Association
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- **Pembroke** Watershed Association
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- **Westport River** Watershed Alliance

Water quantity and water withdrawals



Watershed
Action Alliance
of
Southeastern
Massachusetts

*Alex Mansfield
Ecology Program Director
Jones River Watershed Association*



Silver Lake. January 2017

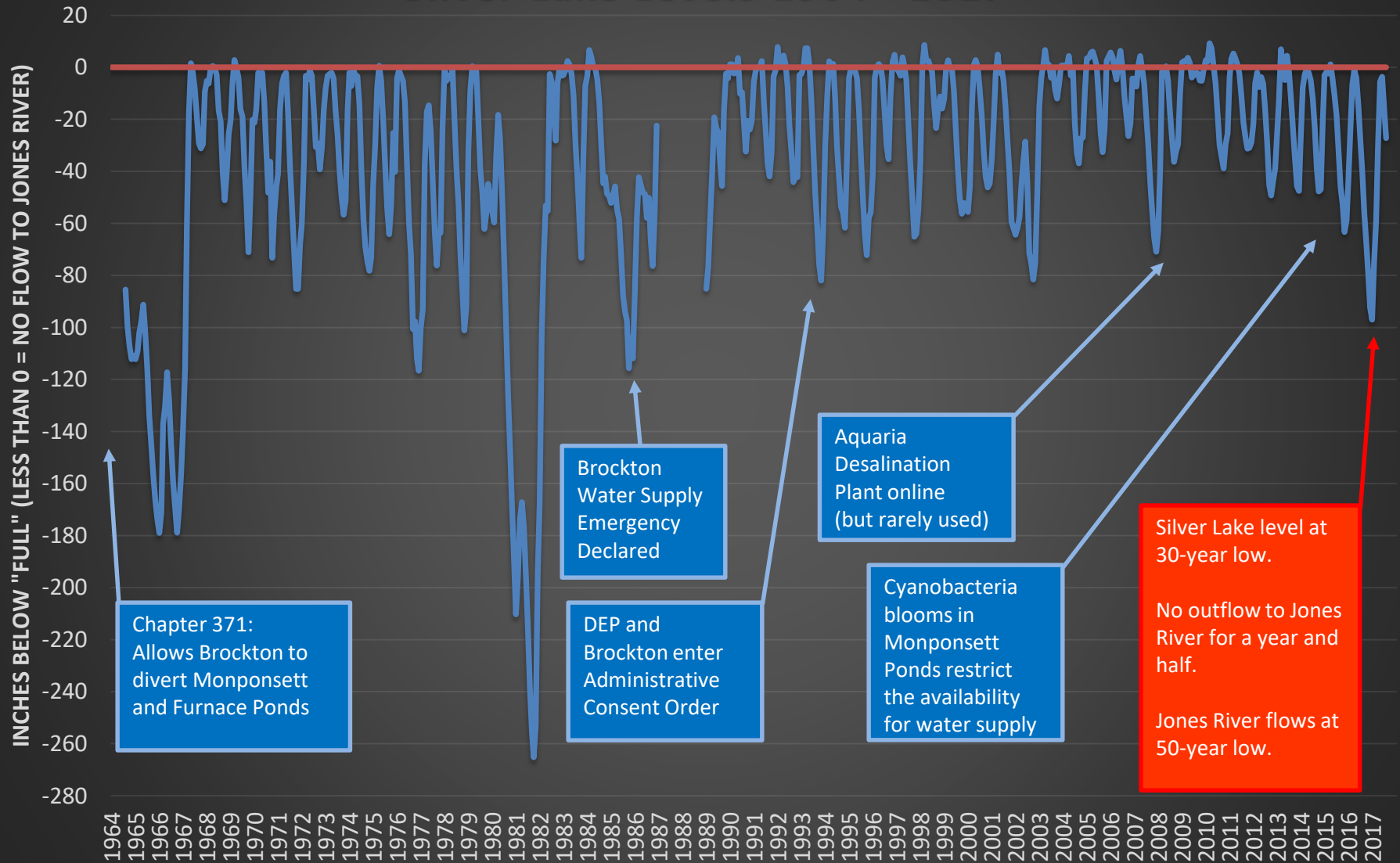


January 2017

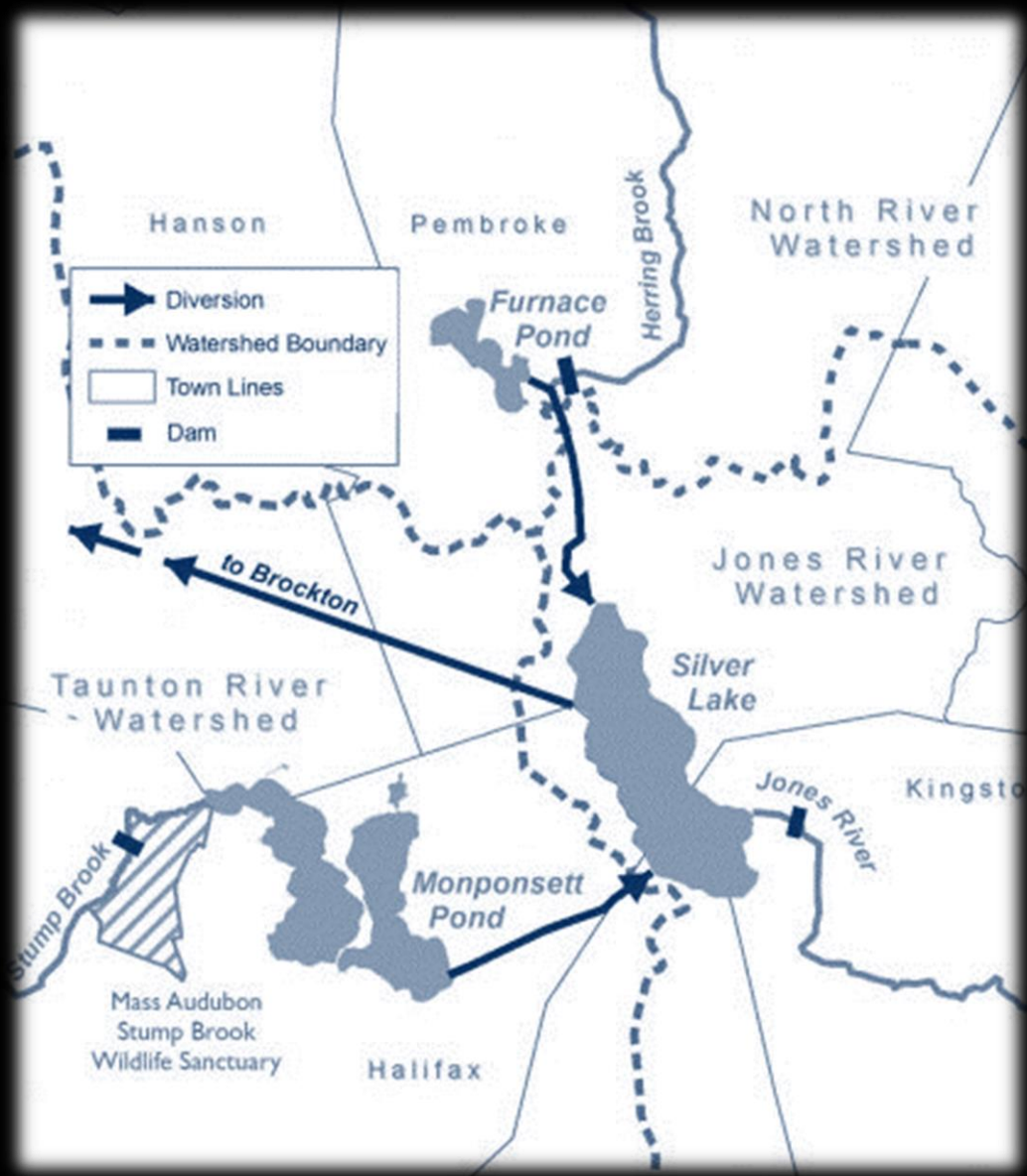




Silver Lake Levels 1964 - 2017



October 2017



A photograph of a concrete dam structure, likely a spillway or outlet, with the text "Political Dam" overlaid in white. The dam is made of large concrete blocks and is situated in a wooded area with trees showing autumn foliage. The water level is low, and there are some plants growing along the base of the dam. The text "Political Dam" is written in a large, white, sans-serif font, slanted upwards from left to right, positioned across the middle of the dam structure.

Political Dam

What Can You Do?

Specific to this Site

- Acts of 1964. Amend or rescind.
- Clean Water Act. Enforce.
- Guide Brockton to other sustainable sources (MWRA)

State-Wide

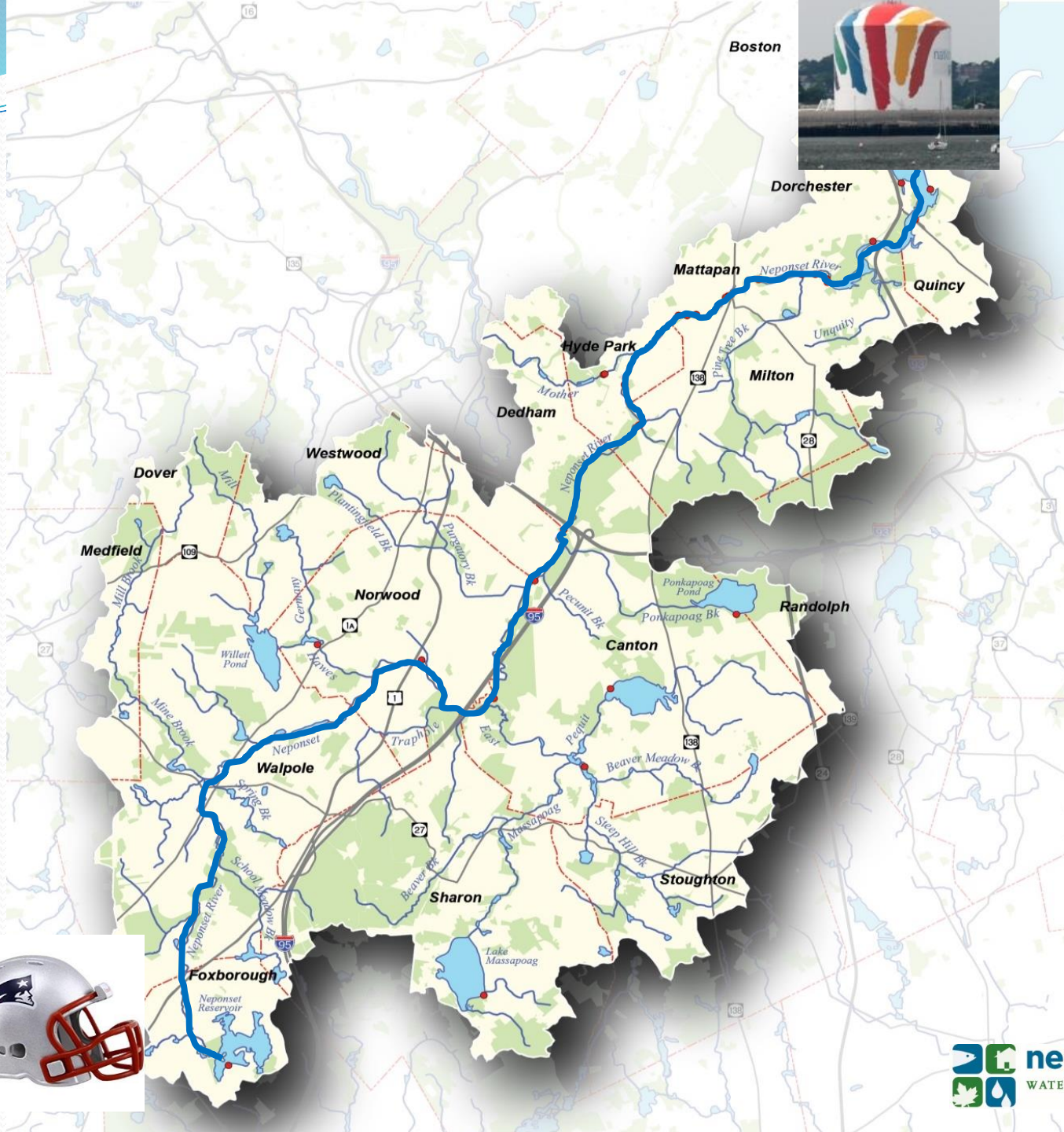
- End “Grandfathering” of Registrations.
- Water Management Act needs to meet spirit and intent of the Act. Rather than it being abused by the loopholes of the language.

Keeping Our Water Clean

Kerry Malloy Snyder, JD

Advocacy Director

Neponset River Watershed Association



Boston



Dorchester

Mattapan

Quincy

Hyde Park

Dedham

Milton

Westwood

Dover

Medfield

Norwood

Randolph

Canton

Walpole

Sharon

Stoughton

Foxborough



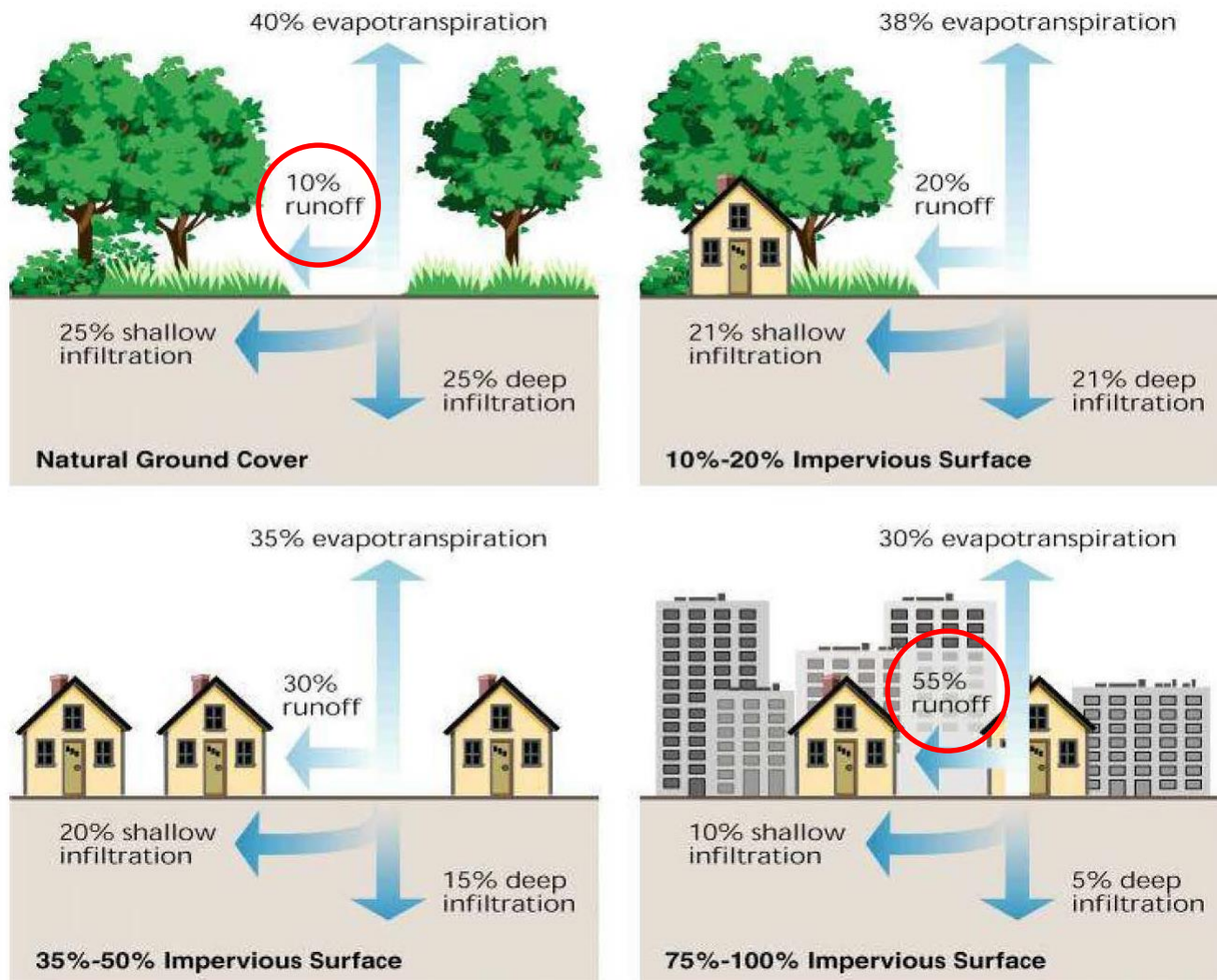
neponset river
WATERSHED ASSOCIATION

When rain falls into the ground, water gets cleaned naturally by filtering through the soil.

Impervious surfaces, like pavement, prevent water from filtering into the ground.



What's the problem?

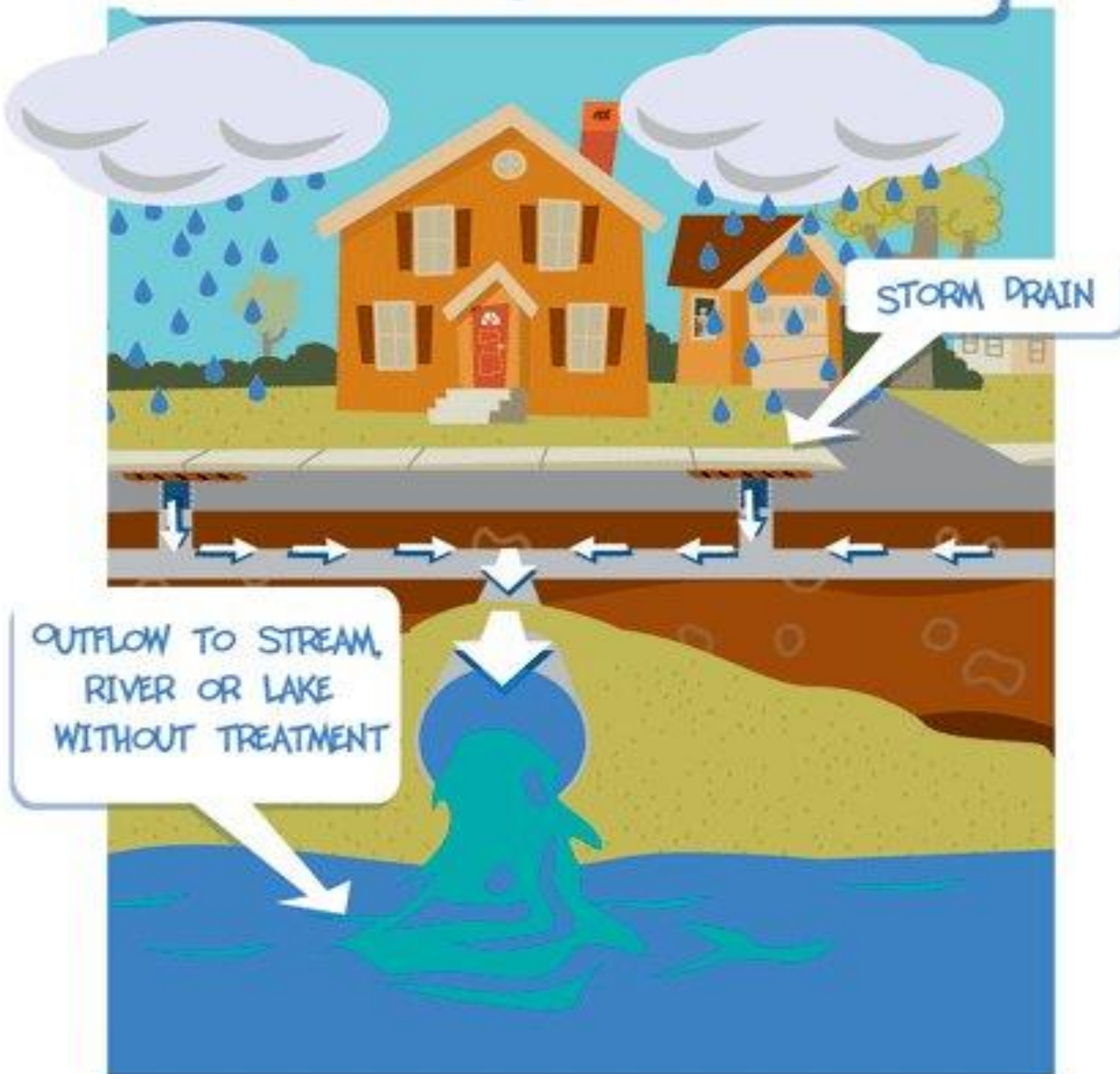


Source: USDA, Federal Stream Restoration Handbook, Fig. 3.21





DIAGRAM OF STORM DRAIN SYSTEM



Stormwater runoff flows directly to streams.

Rain and snow melt flushes anything in its path down the stormdrains.





What can we do?



Environmental scientists collect water samples to test for water pollution.





No drain or
ground and

of liner
ter in basin.

Pine Tree Brook

Perforated underdrain pipe

Thanks for
keeping it clean!

PROTECT THE WATER IN YOUR TOWN

NO DUMPING INTO STORMDRAINS

- Don't pour wash water or chemicals into stormdrains or onto paved areas.
- Dispose of wash water down a sanitary sewer (sink or toilet).
- Keep trash, yard debris and sand away from stormdrains and paved areas.
- Store all chemicals in appropriate containers that don't leak.
- Sweep up chemical spills immediately.
- Use cleaning products that are non-toxic to wildlife and vegetation.

Stormdrains Discharge to Streams: Storm drains lead to streams ponds and rivers. Every time it rains, pollutants left on the street or dumped in the drain impact the water that our families rely on for drinking, swimming, fishing or boating.

Protect Our Water: Our community has a significant problem with polluted stormwater runoff. Protect our water by keeping pollutants off of paved areas and out of stormdrains.

Common Stormwater Pollutants: Wash water, detergents, grass clippings, dog poop, fertilizers, gasoline, litter, motor oil, paints, pesticides, road salt and sand, solvents and yard waste

We're working with your town to reduce stormwater pollution.
Learn more at www.neponsetstormwater.org



PROTECT THE WATER IN YOUR TOWN

KEEP DUMPSTER AREA CLEAN

- Pick up litter/debris and sweep sediments and chemical spills immediately.
- Keep debris away from stormdrains.
- Keep dumpsters & waste bins covered.
- Never wash down dumpsters with a hose.
If cleaning is needed, contact the dumpster leasing company.
- Check dumpsters regularly for leaks and replace if necessary.
- Schedule regular waste pick-ups.

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What can you do?

- Support funding for local communities to maintain existing equipment and upgrade aging infrastructure.
- Support your local watershed association!

Thank you!

Questions?

Snyder@neponset.org

www.neponset.org



RECONNECTING OUR RIVERS AND ESTUARIES



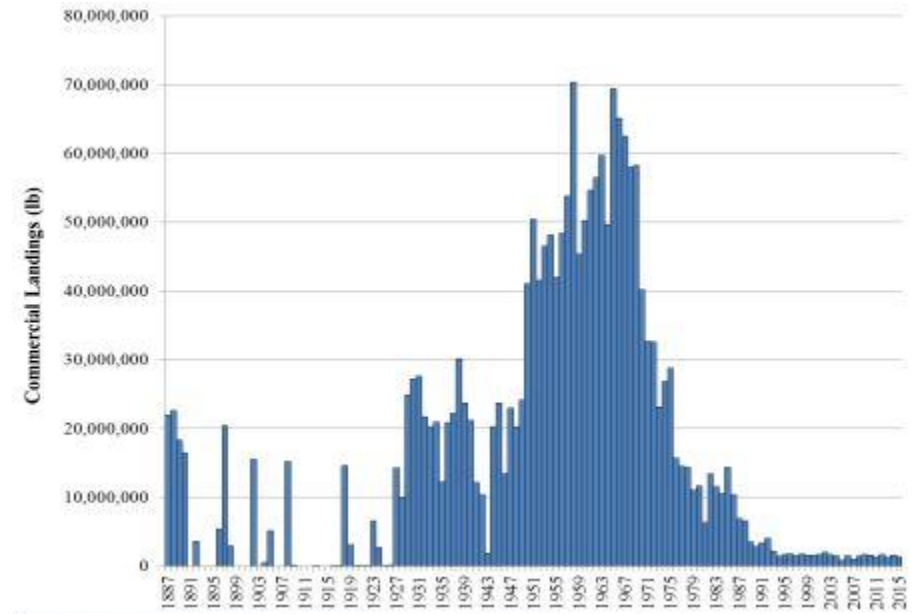
Watershed
Action
Alliance of
Southeastern
Massachusetts



Blueback Herring



Alewife

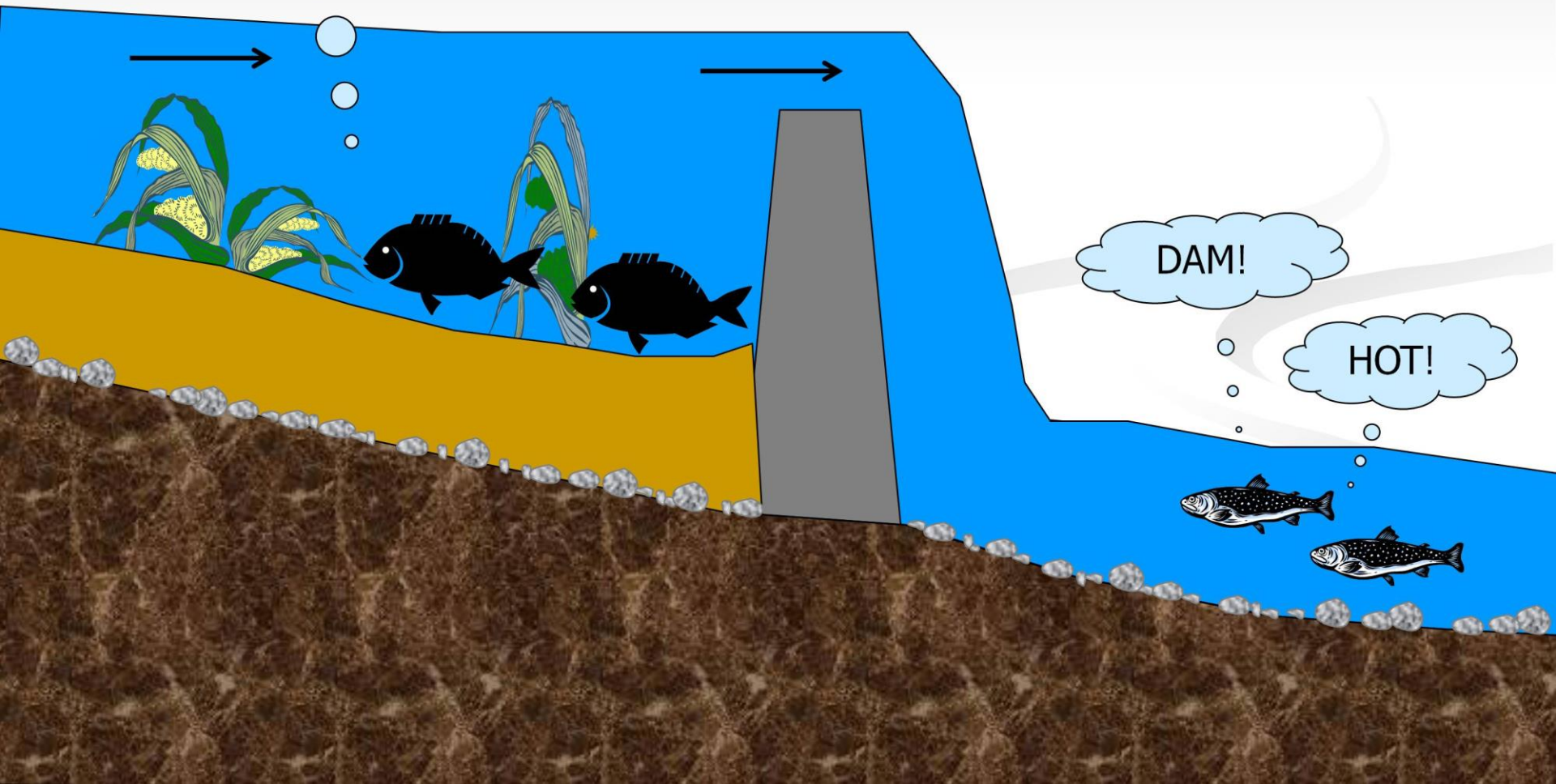


HERRING POPULATIONS IN TROUBLE

Impacts of Dams on Rivers

- Block fish passage
- Warm temperatures
- Trap sediment and nutrients
- Degrade water quality

HOT
DIGGETY
DAM!





- Includes flow restoration, dam removal, tide gate and culverts
- 22 dam removals opened 16 miles of river
- 9 dams under consideration
- 112 dams remain

SOUTH SHORE DAM REMOVAL EXAMPLES

Town Brook, Plymouth



Jones River, Kingston



SOUTH SHORE DAM REMOVAL EXAMPLES

Third Herring Brook, Norwell
& Hanover



Bound Brook, Cohasset &
Scituate



WHAT CAN YOU DO?

- Dam and Seawall Repair and Removal Funding – Increase or maintain funding
- Division of Ecological Restoration (Line-Item 2300-0101) – Increase or maintain funding (Governor's budget cuts budget by \$90,000)
- Reinstate matching cash funding for the Massachusetts Bays National Estuary Program - \$600,000 annual grant to the state from this program.



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