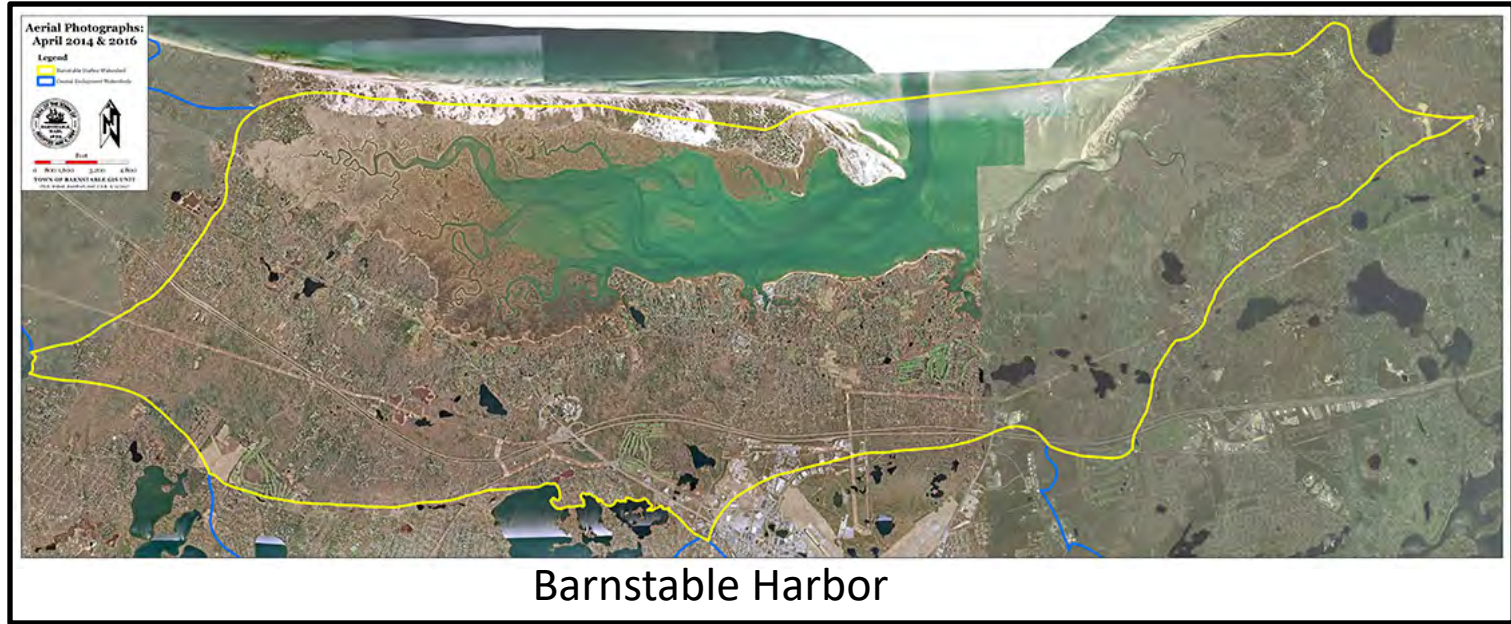




Barnstable Clean Water Coalition





Three Bays



Centerville



Lewis Bay



Top Three Issues for Barnstable

- Nutrient overload
- Sole source aquifer/quantity
- Public awareness



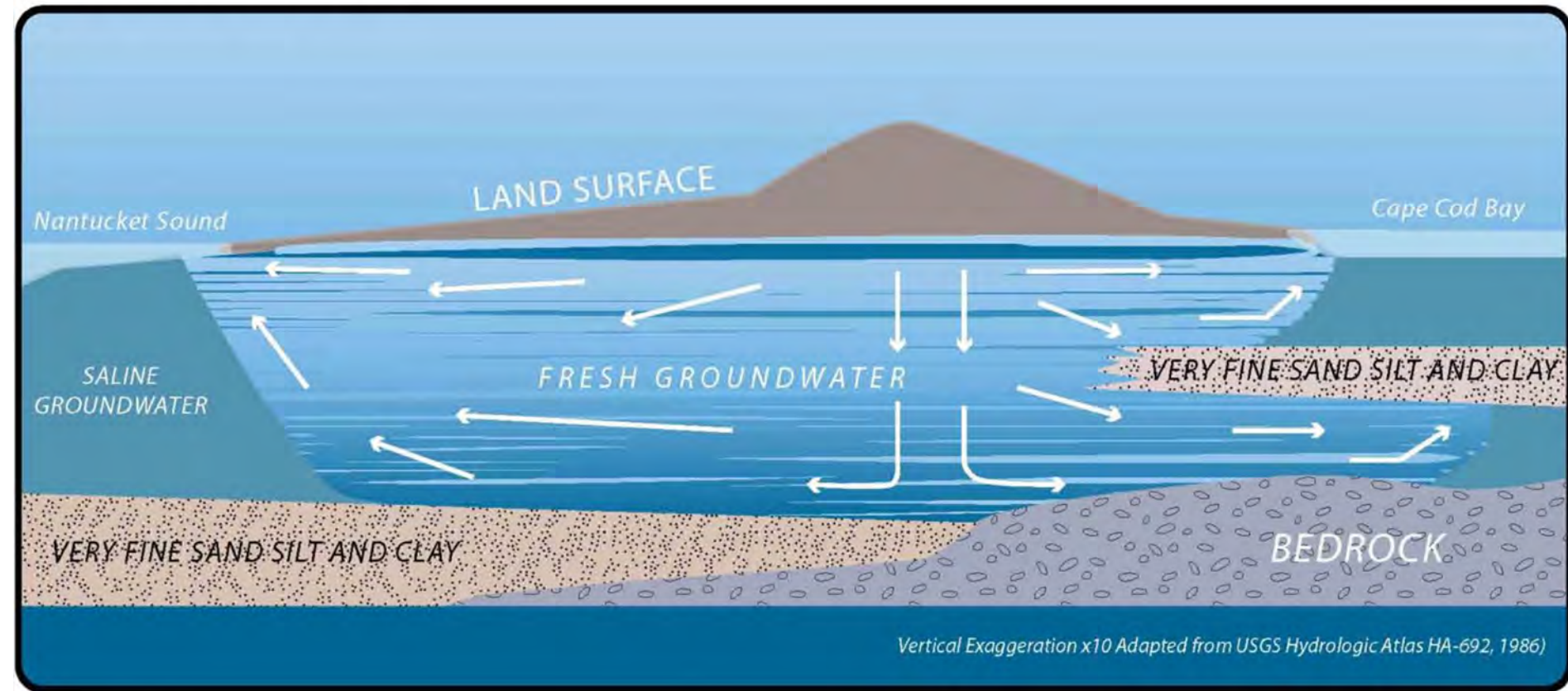
Nutrient Overload

- Nitrogen and Phosphorous
- Traditional Title 5 Septic Systems
- Stormwater and Fertilizer



Sole-Source Aquifer

GROUNDWATER FLOW



Public Awareness

- Lack of understanding water quality issues
- Getting the message out



Community Outreach

- Paddle for the Bays: Race Cape Cod
- Cape Cod Beer Race to the Pint
- Clean Water Challenge Golf Tournament
- Shuck! Oyster Festival



Aquaculture

- Upweller Project in Hyannis Harbor
- 50,000 oysters
- 2019: Increase to 100,000 oysters
- Partnership with MA Oyster Project and Town



Citizen Science/Monitoring

- SMAST estuary sampling
 - 13 stations
- MIMIC (Marine Invader Monitoring and Information Collaborative)
 - 7 sampling sites



Citizen Science/Monitoring

- Herring counting
 - April through June
- Marstons Mills River Streamflow Monitoring
 - 10 stations; year-round



Citizen Science/Monitoring

- PALS
 - 31 ponds/lakes
- BHS Environmental Club
 - 3 ponds/lakes



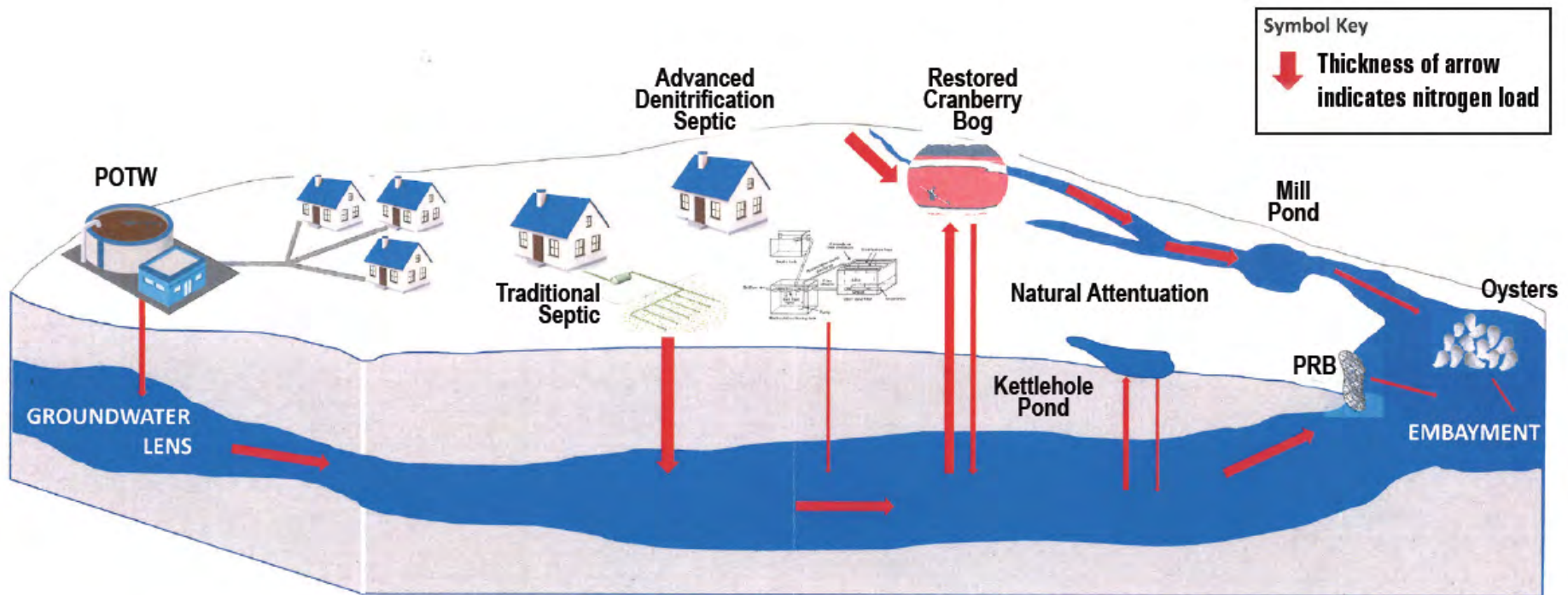
Recent Successes

- Phase one of dredging DNSI complete
- Completed first year of upweller project
- Increased advocacy efforts
- Partnerships with U.S. EPA and TNC



Goals Going Forward

- Pilot innovative technologies to mitigate nitrogen
- Increase education and advocacy programs
- Expand aquaculture projects



What makes your watershed special and unique?



How to join!

- Sign up to receive our email updates
- Follow us on Facebook and Instagram
 - @bcleanwater
- Volunteer your time for clean water
- Become a supporter

