

### Source Water Protection Solution Ideas:

- A conglomerate of water utilities to lobby for river protection in legislation in Raleigh, like agriculture regulations and larger riparian buffers along river, would be helpful and more powerful than nonprofits and other groups like the RiverKeepers who Raleigh views as tree huggers and automatically ignores.
- CFPWA wants to build relationships with Soil & Water Conservation Districts, CAFOs & Stormwater groups upstream.
- Habitat Restoration Funding via NOAA under Bipartisan Infrastructure Law

### Fish Passage Panel

- This session focused on the Atlantic Sturgeon. Sturgeons are classified into five distinct populations and then sub categories by location, ex: rivers.
- The information from this session was focused on the Spring 2021.
  - Trying to identify locations and pathways of movement.
- 20 adults were tagged. No sturgeons were found above lock and dam #1.
  - Tagging adults and juveniles. Why? To show evidence of sturgeons.
- Animation of movement in lower Cape Fear. Very fun!
- 2021: modification to LD built series of pools to assist migration past LD1
- Increased passage after modification but still lower than 80%, so more work to do.
- Flow effects on fish passage 2023
- Pulses cause increase in passage when dam is submerged.
- During peak flows
  - LD1 54% passed
  - LD2 100% passed
  - LD3 100% passed
- Update on Striped Bass!
  - Started in 2017, no catches in 2021. Continuing survey 14 bass and 7 shad caught since 2017?
  - Since 2011
    - Caught 5400
    - Fin clipped 350
- Q&A
  - Assumption that there are more males, but no way to tell without genetic testing.
  - Not a lot of American Shad hanging out past LD2
  - Herrings are making a come back, not her yet, but on the way!

### Cape Fear River Partnership Proposal

More of a work in progress with more questions.

- Action plan goals?
- What can we do to improve?
- Proposal objective
- Implementation plan?
  - Conduction workshops

**Resource Links:**

- [Division of Water Resources' All-in-One Locator Map](#)
- [EPA Drinking Water Treatability Database](#)