

**MANCHESTER COASTAL STREAM TEAM**  
**Minutes of May 9, 2022**  
**Virtual, 7:00 p.m.**

Members Present: Jessica Lamothe, Chair; Francie Caudill; Deb Fraize; Carolyn Kelly; Patti Mitchell

Members Absent: Lynn Atkinson; Joan Nesbit

Also Present: Michele Kulick; Barbara Warren

Chair Lamothe called the meeting to order at 7:00 p.m.

**Current Business**

**Stream Survey Action Plan**

- We have no update from Steve Gang on contact with the Essex County Club, or the pump seen upstream of the golf course.
- Deb spoke with Chris LaPointe of the ECGA, who reported that there are several parcels along upper Cat Brook which are protected by CR's held by MECT. Deb will meet with Patrice Murphy to look at MECT's maps showing those parcels.

**Brook Trout**

- Barbara Warren reported that she, Deb, Lynn and SSCW's volunteer coordinator, Kristen Homeyer, met with Geof Day to look at sites along Sawmill Brook and Causeway Brook where sampling could be done, starting this summer. He demonstrated the collection method for eDNA, and they collected 4 samples from each of three locations which are now frozen at the SSCW office in Salem. Some HOBOS (water thermometers) were missing from a location near the MAC.
- This group will meet again on May 23 via Zoom to discuss future data gathering by volunteers. SSCW will fund the cost of whatever sampling is agreed upon. Presently Geof has been sending samples to a Maine lab, but Lynn will find out if a local college can do the eDNA tests, possibly for presence of smelt, alewife herring, and native brook trout as well.
- Water temperature is critical for the fish in summer, and testing at several sites may reveal location of cold-water springs. Barbara suggested that SSCW can also test for dissolved oxygen, salinity and pH, depending on number of volunteers available.
- It was suggested that sampling might also be done in Cat Brook where brook trout were found.

**Water Resources Protection Task Force**

Jessica reported that meetings and updates are ongoing, as the "working groups" gather data and report to the committee.

**Mosquito Control**

The Board of Health has met with the NE Mosquito Control District to review the plan for Manchester, but we were not notified of that meeting in time to attend. Carolyn will find out how

residents can opt out of aerial spraying of their property, if that is done this summer, and Jessica will send out that information to Stream Team members.

### **Salem Sound Coastwatch Updates**

- There was no firm decision on bacterial testing in the salt marsh at Kettle Cove this summer, as data from past years has not revealed any changes; Barbara suggests that we may test for ammonia and surfactants, which would indicate that there are septic system failures in the area that are also causing the bacterial contamination.
- The dates for monitoring marine invasives at White Beach are June 21, July 19, and August 16.
- Please go to the website [salemsound.org](http://salemsound.org) for dates of lectures and other events.

The minutes of our last meeting on March 28 were reviewed and approved.

This meeting was adjourned at 8:10 p.m.

**Next meeting:** June 13, 2022, venue TBD

Minutes submitted by Francie Caudill