

Note: This Charge may need to be modified in the coming months as the LMSC determines the best path forward in selecting a University or Consultant(s) to undertake a Lake Management Study. There is also a possibility that the Study may take two years instead of one.

Charge to the Lake Management SubCommittee

January 2024

Overview:

The Lake Management SubCommittee (LMSC) was officially established by the Connestee Falls Natural Resources Stewardship Committee (NRSC) in January, 2024, with an initial charge period of two years; after that the NRSC will decide whether it should be extended. The first meeting of the LMSC was held on January 26, 2024, and a Chairperson selected.

The NRSC began work on water quality analyses of our lakes and streams as part of a task force in 2023. It quickly became apparent that we needed to undertake a more comprehensive approach to studying our lakes and streams, and as a result, the committee established the LMSC. The purpose of the LMSC is stated in one of the three key goals of the Natural Resources Stewardship Plan (NRSP) for 2024:

Protect the quality of water in our lakes and streams to provide for a healthy wildlife habitat and safe recreation for our residents.

Membership:

The LMSC will consist of one representative from the NRSC, two representatives from the Fishing Club, one CFPOA-at-large representative, one representative from Maintenance, as well as a CFPOA Board Liaison, and CF General Manager. A Chairperson will be selected by the representatives. University and/or other professional private consultants may be employed by the LMSC as deemed necessary.

Charge to the Lake Management SubCommittee:

Year 2024

1. Review and assess available lake and stream water quality analyses performed in Spring (2023) by Pace Analytical Services, involving fish, invertebrates, and water chemistry. Submit short report to NRSC.
2. Collect samples to run similar water quality analyses for Fall (2024) to determine any seasonal impact. Send to Pace Labs.
3. LMSC will determine path forward to select a university and/or professional private consultant to undertake a comprehensive base-line Lake Management Study of specifically-defined parameters and issues of CF lakes and streams. Arrange for visits to CF; request proposals, including study costs.
4. LMSC will periodically provide educational lake-related input for CF Friday Flyers and Monthly Newsletters.

Year 2025

1. University and/or private consultants will begin Lake Management Study (LMS).
2. LMSC will follow progress of LMS closely to ensure that specific goals set by LMSC are being accomplished. Request and review quarterly updates (with possible brief update presentation at CF halfway through the year). Ensure study is completed by end of year 2025.
3. Review both Spring (2023) and Fall (2024) Pace Labs water quality results. Prepare and present report with short presentation to NRSC.
4. LMSC will periodically provide educational lake-related input for CF Friday Flyers and Monthly Newsletters.

Year 2026

1. Obtain Lake Management Study report from university and/or private consultant. Prepare an accompanying cover review. Present final LMS report (with review) and slide presentation to NRSC.
2. Based on the Lake Management Study, prepare a comprehensive Lake Management Plan (LMP) for Connestee Falls. Present the LMP along with LMP report to the NRSC.
3. LMSC will periodically provide educational lake-related input for CF Friday Flyers and Monthly Newsletters.

Timeline and deliverables:

Year 2024

1. By *end 2Q2024*, LMSC will complete evaluation of available Pace Labs water analyses results for Spring (2023). Submit short summary update to NRSC.
2. By *end 3Q2024*, LMSC will collect water and fish samples for Fall (2024) water quality sample set. Send samples to Pace Labs.
3. By *end October/2024*, having researched and held discussions and negotiations with a select group of universities and/or private consultants, LMSC will make a final decision on who will be selected to undertake the Lake Management Study; a proposal will be submitted to NRSC. NRSC will then submit an approved proposal to Board for funding considerations and final approval, for LMS to begin in January, 2025.

Year 2025

1. By *end 1Q2025*, receive Pace Labs results; review and evaluate Fall (2024) results, and compare to Spring (2023) results.
2. In *1Q2025*, Lake Management Study will begin.
3. By *end 2Q2025*, present all Pace Labs water quality results to NRSC with report and short presentation.

Year 2026

1. By *end 1Q2026*, receive and fully review completed Lake Management Study report.
2. By *end 2Q2026*, present completed LMS and accompanying review to NRSC.
3. By *end 4Q2026*, prepare a comprehensive Lake Management Plan for Connestee Falls, based on large part on the Lake Management Study, as well as input from the LMSC. Present an overview summary of the LMP along with the final LMP report to the NRSC. NRSC will then submit the LMP report to CFPOA Board for final approval.