

Memorandum

To: Colleen Lyons, Lake Hopatcong Commission
Kyle Richter, Lake Hopatcong Foundation
Marty Kane, Lake Hopatcong Foundation
From: F.S. Lubnow, Ph.D. Princeton Hydro
cc: Lake Hopatcong Commission
Patrick Rose, Princeton Hydro
Date: 8 June 2026
Re: Brief update on project activities

This memo provides a summary of the Lake Hopatcong Commission (LHC) project activities for Lake Hopatcong and its watershed.

1. The NFWF planting projects in the State Park and Roxbury Township continue to move forward. The project is currently going through the NEPA permitting process. If needed, the grant deadline can be extended past June.
2. Princeton Hydro continues to work on the New Jersey Department of Environmental Protection (NJDEP) Stormwater Management Grant awarded to the Lake Hopatcong Foundation (LHF) for the design and installation of a bioretention system in Jefferson Township. The soil testing revealed a shallow water table so it was suggested to switch the project to pervious pavement in a portion of the parking lot. Jefferson Township is in favor of this change. There have been meetings with NJDEP, Jefferson Township and the LHF as we work through these project changes. Meanwhile Princeton Hydro is revising the construction budget to quantify how much of the parking lot can be converted into pervious pavement.
3. In late May, Princeton Hydro submitted an engineering design concept for improving the two basins along Mt. Arlington Blvd to Roxbury Township, NJDEP Division of Land Resource Protection and our NJDEP 319 grant manager. This is being done to confirm that proposed project is acceptable.
4. Post-treatment monitoring events for the Army Corps / ERDC project will continue through the summer.
5. In addition, Princeton Hydro will also be conducting the required NJDEP HAB permit monitoring for the alum treatment.



6. Princeton Hydro will be conducting the next standard water quality monitoring event on the 15th of June; the NJDEP HAB permit monitoring on the 23rd of June; and the 1 year, post-treatment monitoring of Crescent Cove and Ashley Cove on the 29th of June.
7. The first nearshore cyanotoxin monitoring event will be conducted sometime in July of 2026.
8. Overall water quality conditions in May were good. For the first time since 2018, the May Secchi depth was 2 meters (6.6 feet). During the large HAB event of 2019 the May Secchi depth was 1.6 (5.3 feet). Additionally, the mean May TP concentration in 2025 was 0.04 mg/L, while in 2026 it was 0.03 mg/L.