Resolution 2019-158

A RESOLUTION OF THE MAYOR AND BOROUGH COUNCIL OF THE BOROUGH OF MOUNT ARLINGTON, IN THE COUNTY OF MORRIS, STATE OF NEW JERSEY, IN SUPPORT OF THE EMERGENCY BUDGET REQUEST OF THE LAKE HOPATCONG COMMISSION

WHEREAS, Lake Hopatcong, New Jersey's largest lake, experienced an unprecedented lakewide harmful algal bloom (HAB) during the summer of 2019; and

WHEREAS, Lake Hopatcong is a major recreational resource for the State of New Jersey; and

WHEREAS, the algal bloom at Lake Hopatcong during the summer of 2019 severely hurt local stores, restaurants, bait shops, marinas, and other businesses serving local residents, tourists and visitors of Lake Hopatcong; and

WHEREAS, the bathing beach at Hopatcong State Park, serving residents throughout New Jersey, was closed during all of July and August 2019; and

WHEREAS, all community bathing beaches at Lake Hopatcong were impacted with most being closed for the entire summer; and

WHEREAS, Lake Hopatcong is one of New Jersey's premier fisheries and, since the harmful algal bloom, fishermen have been advised by New Jersey's Department of Environmental Protection not to eat any fish caught; and

WHEREAS, harmful algal blooms are enhanced and fed by phosphorous and other nutrients; and

WHEREAS, the nutrients entering Lake Hopatcong come largely from septic issues and stormwater runoff; and

WHEREAS, the four municipalities on Lake Hopatcong – the Boroughs of Hopatcong and Mount Arlington, and the Townships of Jefferson and Roxbury – are working together to address all issues within their jurisdiction and abilities; and

WHEREAS, the Lake Hopatcong Commission is responsible for conducting, managing and coordinating activities for the preservation, restoration and enhancement of Lake Hopatcong and its watershed; and

WHEREAS, the Lake Hopatcong Commission, working with its scientific advisers, has determined that there are certain projects that can be conducted in spring 2020 that would demonstrate technologies to treat and prevent harmful algal blooms in Lake Hopatcong; and

WHEREAS, in order to implement these projects funding in the amount of $489,000 (as set forth in Attachment A) is needed before the end of calendar year 2019; and

WHEREAS, these seven projects will demonstrate technologies involving air curtain system and circulation, peroxide based treatments, ultrasonic based devices, floating wetland islands, cove aeration, alum-based treatments, and phosphorous filters for streams and stormwater; and

WHEREAS, the knowledge and results gained from these projects will be able to be transferred to all sections of Lake Hopatcong as well as other lakes in the New Jersey;

NOW, THEREFORE, BE IT RESOLVED, that the Borough of Mount Arlington supports the request for emergency funding and requests that the New Jersey Department of Environmental Protection, the Governor of New Jersey, and the New Jersey State Legislature take appropriate and necessary action for these emergency projects to be funded so that they can be implemented during spring 2020; and

BE IT FURTHER RESOLVED, that copies of this Resolution be forwarded to the Governor and Lieutenant Governor of New Jersey, Senate President, Assembly Speaker, and the Commissioner of the New Jersey Department of Environmental Protection.

I HEREBY CERTIFY this to be a true and correct Resolution of the Mayor and Borough Council of the Borough of Mount Arlington, adopted on October 1, 2019.

L. Dwyer,
Acting Borough Clerk

Attachment A
Lake Hopatcong Commission Emergency Funding Request
September 2019

- Air Curtain System and/or Circulation (2 Sites) - $102K
- Peroxide Based Treatment-DEP Permitted (6 Treatments/2 Sites) - $74K
- Ultrasonic-Solar & Non-Solar (2 Sites) - $58K
- Floating Wetland Islands (2 Traditional or 1 w/Circulation) - $87K
- Crescent Cove Aeration Analysis (Determination Exact Location, Infrastructure, Permitting, Cost to Implement) - $40K
- Alum Analysis (Dosage Rate, Cost Effectiveness, Sediment Cores, State Review) - $74K
- Field Assessments to Allow Addition of Latest Technology Filters for Streams & Stormwater - $54K

Total Request - $489K