

August 28, 2024

BOROUGH OF BRADLEY BEACH

RESOLUTION 2024-168

SYLVAN LAKE RESORATION TEAM SUPPORT

WHEREAS, Sylvan Lake is a fresh water lake, situated at the north end of Avon-by-the- Sea (Avon) and at the south end of Bradley Beach (Bradley Beach); and

WHEREAS, over time, siltation has left Sylvan Lake very shallow, and both point and non-point sources of discharges have resulted in significant adverse impacts to water quality. In 2003 and 2007 contaminants were measured, including traces of lead and arsenic; and

WHEREAS, the cost of dredging the Lake and addressing the widespread sedimentation of the Lake to revitalize it would be prohibitive for Avon and Bradley Beach; and

WHEREAS, an ecologic restoration team is exploring an innovative approach to facilitate the restoration of Sylvan Lake. If successful, this "green infrastructure /nature based" approach could serve as a cost-effective model for restoring other coastal and inland lakes in New Jersey. The approach being considered for Sylvan Lake is based upon a design that was developed for Bear Pond Lake in Sussex County, NJ which is under review by the New Jersey Department of Environmental Protection (NJDEP). Detailed design has been preliminarily discussed with the Sylvan Lake Commission and representatives of both Borough Governing bodies to get early input and support for the concept. The conceptual approach will be further shared with the NJDEP and if this approach is deemed feasible for Sylvan Lake, restoration team can then develop specific restoration plans in coordination with NJDEP; and

WHEREAS, the restoration team's concept would work complementary with the existing Living Shoreline project on the Avon side of the Lake; minimizing disruption to that living shoreline, and

WHEREAS, Avon and Bradley Beach representatives, including Borough Engineers for both Avon and Bradley Beach, and representatives for the Sylvan Lake Commission, will have the opportunity to work with the team as it further develops the concept and any design and engineering plan for Sylvan Lake that is a product of the team's conceptual approach and the implementation of the plan. The team will pursue the funding needed from sources outside of the Boroughs of Avon and Bradley Beach for the development of the plan, and the engineering and design work required to create the plan and for the implementation of the plan; and

WHEREAS, the team that is developing this innovative restoration plan is being coordinated by Al Modjeski of the American Littoral Society, Marty McHugh, of GES Contracting and a previous Bradley Beach resident, Jim Shissias of NJ Corporate Wetlands Restoration Partnership

and a current Bradley Beach resident, and Monmouth University Urban Coast Institute with funding from the Department of Defense Readiness and Environmental Protection Integration Program.

NOW, THEREFORE, BE IT RESOLVED, that the Governing Body of the Borough of Bradley Beach supports the efforts of the Sylvan Lake restoration team and supports the team moving forward with this innovative conceptual approach as described above and encourages the NJDEP to provide input and guidance to the restoration team as they progress.

Seconded by Councilperson Gubitosi and adopted upon the following vote:

| | AYES | NAYS | ABSTAIN | ABSENT |
|--------------|-------------|-------------|----------------|---------------|
| Ms. DeNoble | X | | | |
| Mr. Gubitosi | X | | | |
| Ms. Mahoney | X | | | |
| Mr. Weber | X | | | |
| Mayor Fox | X | | | |

CERTIFICATION

I, Erica Kostyz, Acting Municipal Clerk, Borough of Bradley Beach, Monmouth County, New Jersey, do hereby certify that the foregoing resolution was duly adopted by the Governing Body at the August 28, 2024 Council Business Meeting.



Erica Kostyz, RMC, CMR
Municipal Clerk