

Warrant Article 2

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NO TAX
IMPACT
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Silver Lake & THE CYANOBACTERIA PROBLEM

THE PROBLEM

NH lakes are increasingly plagued by algal blooms that threaten public health, recreation, the environment. Silver Lake is no exception.



The New Hampshire Department of Environmental Services' (NHDES) Watershed Management Bureau gave Silver Lake high priority for funding.

Swimming Advisories 5-Year Comparison

From 6/15/2011-7/27/2016 (five-year period)

Highest number of days - 17 (7.8 days average with 18 advisories)

One kind of bacteria noted for each advisory: anabaena or microcystis

From 6/12/2017-8/8/2022 (five-year period)

Highest number of days - 100 (44.2 days average with 11 advisories)

Several types of bacteria usually listed: anabaena, microcystis, woronichinia, dolichospermum

WARNING: Water quality will decline if this problem is not addressed. Property values around the lake will decline and result in lower tax revenue from these properties. This will place a greater tax burden on the rest of Hollis' property owners.

THE SOLUTION

Develop a Watershed Management Plan that will outline non-binding options to address the causes of algal blooms. Having the Plan will make Silver Lake eligible to receive additional funds from NHDES for mitigation and remediation.

Funding for this Watershed Management Plan has been pre-approved for the Town of Hollis through the NHDES Clean Water State Revolving Fund in the form of a \$100K loan. When the Plan is complete, the loan principal of \$100K will be forgiven, and interest on the loan will be paid by the Silver Lake Improvement Association.

There will be NO cost to the Town of Hollis or Hollis taxpayers.

Warrant Article 2 is recommended by the Hollis Conservation Commission, 7 to 0.