



RESPONSE TO COMMENTS

Draft Surface Water Discharge Permit for application of aluminum compounds to Lake Kanasatka, Moultonborough, NH.

The below comments were received by NHDES during the open comment period running through April 3, 2024.

A public hearing was held at Moultonborough Academy, Moultonborough, NH on March 19, 2024 at 6pm.

A full video recording of the hearing is available from David Neils (david.e.neils@des.nh.gov, 603-271-8865) upon request.

Summary:

The hearing consisted of the presentation by Laura Diemer of FB Environmental, Inc. providing an overview of the project followed by a short question and answer period. After questions, formal public comments were received by NHDES. A sign-in sheet was provided for those wishing to speak. Three individuals signed in and two additional individuals who did not sign in offered comments. Four of the five oral public comments were in favor of the project. The fifth comment was specific to reducing external nutrient additions to Lake Kanasatka from nearby properties. Each of the comments is summarized below with NHDES' response.

In addition, NHDES received ten emails commenting on the project. Each of the emails were in-support of the project. These emails are on file and available upon request.

Comment #1

Bree Rossiter, Lake Winnepesaukee Association (LWA) – LWA supports the aluminum compound treatment planned for Lake Kanasatka. LWA appreciates the cooperation between LKWA, FB Environmental, University of New Hampshire Cooperative Extension, and NHDES for the project. LWA applauds the efforts to date by LKWA to reduce external nutrient loads to Lake Kanasatka. LWA will be adding a monitoring station in Blackey Cove, Lake Winnepesaukee to monitor phosphorus, chlorophyll-a, water transparency, and dissolved color.

NHDES response: Thank you for your comment. NHDES appreciates your input.

Comment #2

David Gottsman, 48 Shorewood Lane, Moultonborough, NH, President Shorewood Lane Property Association – Mr. Gottsman supports the project in Lake Kanasatka. An email was also submitted by Mr. Gottsman and is on file at NHDES.

NHDES response: Thank you for your comment. NHDES appreciates your input.

Comment #3

Donna Murphy, Chairperson of the Lake Waukewan Watershed Advisory Committee and President of the Windy Waters Conservancy – Ms. Murphy applauds LKWA for their work in getting to this point. It is important to support this project because cyanobacteria blooms are common around the state.

NHDES response: Thank you for your comment. NHDES appreciates your input.

Comment #4

Paige (last name inaudible, did not sign in) – Has a beach on Lake Kanasatka. Was very sick in 2020. Presumed to be related to cyanobacteria. Experienced vertigo and nausea. Dog was sick as well. Asked if there was a “big picture” plan that will be put into place relative to protecting the lake from shoreland runoff especially with respect to planting of native vegetation and minimizing fertilizer runoff.

NHDES response: The comment is not specific to the use of aluminum in the lake. Nonetheless, the state Shoreland Water Quality Protection Act (RSA 483-B) sets the standard for removal of trees and fertilizer use within 250 feet of Lake Kanasatka. Within 50 feet of the reference line, except for a 6-foot-wide path to the water, all natural ground covers must remain intact. Shrubs can be trimmed and pruned to a minimum height of 3 feet. With limitations, trees and saplings can be removed based on a 25-foot x 50-foot grid segment tree and sapling point score. Fertilizer cannot legally be applied to vegetation or soils located within 25 feet of the reference line of any public waters. Beyond 25 feet, slow or controlled release fertilizer may be used, but must be applied by horticultural professionals who have a pesticide application license issued by the New Hampshire Department of Agriculture.

The Lake Kanasatka Watershed Plan that was completed in August 2022 outlines several areas within the watershed that require maintenance or repair to reduce external nutrient loads. The LKWA is actively working to correct these areas and seek additional funding for repair. As part of the application process for this project, NHDES required LKWA to document at least a 10kg/year reduction in the loading of phosphorus from external sources. LKWA also documented several properties that have received LakeSmart certifications from NH LAKES and the replacement of several septic systems.

Comment #5

Sandra Kelly (did not sign in) – Ms. Kelly is on the conservation commission in the town of Moultonborough. She is supportive of spreading the word relative to minimizing fertilizer use on lake front properties and adding plantings around the lake.

NHDES response: Thank you for your comment. NHDES appreciates your input.

Summary of comments received by way of email:

In total, ten emails were received regarding the proposed project. All emails were in support of the project. Several were from residents that live on the shores of Blackey Cove, Lake Winnepesaukee. The list of commentors is included below and the emails are on file at NHDES.

Last	First	Date received
Van Magness	Fredrick	2/29/2024
Queeney	Victoria	2/29/2024
Van Magness	Fredrick Jr.	2/29/2024
Stern	Judi	2/29/2024
Regan	Clement	2/29/2024
Kasargian	Levon	2/29/2024
Kasargian	Nancy	2/29/2024

Siggelkoe	Russ & Teresa	2/29/2024
Regan	Shelia	2/29/2024
Gottesman	David	3/18/2024