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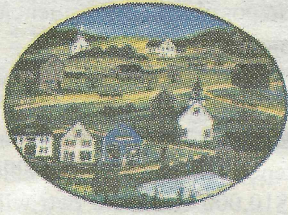


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Preserving Gregg Lake quality

By **MICHAEL PON**
The Villager

Members of the Gregg Lake Watershed Management Plan Committee (GLWMPC) met on Monday to discuss plans for rehabilitating Gregg Lake with Forrést Bell Environmental (FBE) Project Manager Laura Diemer. She presented a power point of how FBE intends to help the group use Department of Environmental Services funding to clean up the lake.

Gregg Lake was added to the Department of Environmental Services (DES) list of statewide impaired waters in 2004. However the DES has stated that lake could be revived with a good plan on how to work with its watershed. Substantial improvements could be made in two years, once a plan is implemented.

GREGG LAKE
continued on page 5

Me
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FA
Sun
Reservations
WALK-INS
Tues-Thurs 1
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24 Henniker Street, Hills
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Manaha bacteria

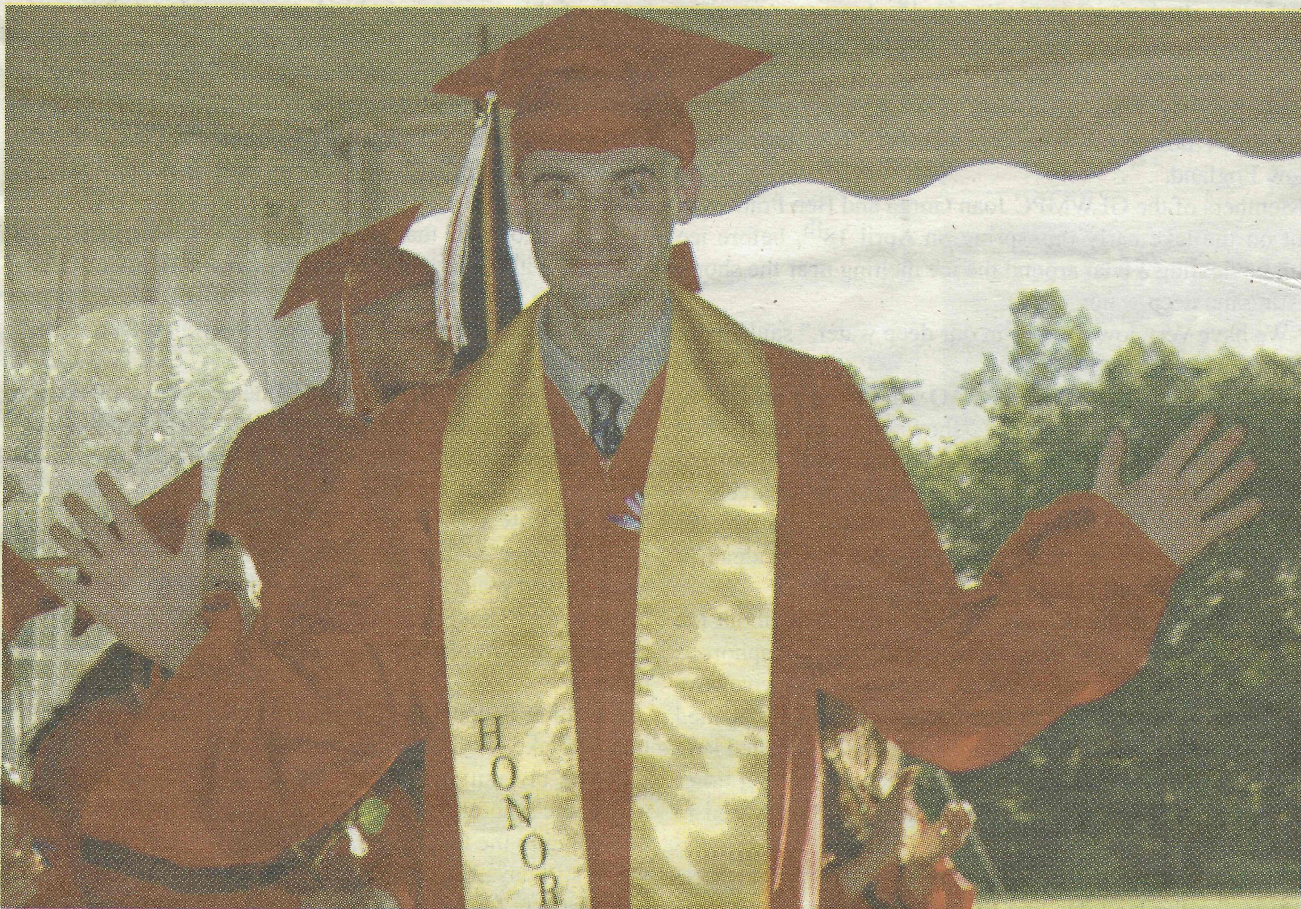
The New Hampshire I (NHDES) has REMO issued on 6/7/2018, that the state thresh of cyanobacteria was identified as Anabaena June 12, 2018 had no cell concentration was your individual shore

Cyanobacteria are worldwide, out bloom when excess nutrient cyanobacteria produce cells that can be released both acute and chronic. Acute health effects include membranes, tingling, and diarrhea. Chronic nervous system damage

NHDES advises lake in areas experiencing typically where lake water or blue-green flecks also advises pet owners that have a cyanobacteria

NHDES routinely waters of the state for lake warning or beach returns to affected water cyanobacteria standards

The warning went removed on June 12, 2



Tyler Davy expressed the enthusiasm the whole H-D graduating class had as he stepped up for his diploma on Friday. (Michael Pon photo)

out 12 o'clock," Lt. one phone call from our investigation and students about some their investigation that on they had and what then asked a judge for

the investigation and series on Friday. Both John Thomas, 18, and William Corey, 19 were arrested at their homes for felony level Criminal Threatening, and were arraigned on Monday at Hillsborough County Superior Court. They were sent to Valley Street Jail in Manchester over the weekend with a Cash Bail of \$2,500 each. But that Cash Bail was raised to \$10,000 each at their arraignment on Monday, according to Hillsborough County Attorney Brendon Thurston.

Court. As of Wednesday, a Court date has not been set. But Thurston said a court Date is usually set within two months of arraignment.

This was not an incident in which firearms were involved or in possession of by Thomas and Corey. And Lt. Brown said neither of them have adult records for any offenses.

As Lt. Brown observed, "We were able to investigate this situation completely because we had people willing to come forward with the information they had. It is everybody's responsibility to say something if you hear something and bring it to law enforcement."

kiosk g edge

Gregg Lake from page 1

A concerned group formed the GLWMPC in 2016, and in 2017 they obtained grant funding to develop a management plan. Earlier this year they sought out and contracted with FBE, a professional consulting firm, to get assistance with developing the plan. According to a GLWMPC, FBE has developed dozens of lake management plans throughout New England.

Members of the GLWMPC Joan Gorga and Ben Pratt were out on the lake early this spring on April 18th, before ice out, navigating a boat around the ice melting near the shore, testing the deep water.

"We have very low oxygen in our deep water," said Gorga of the testing.

According to a GLWMPC FAQ sheet, data they have collected with water samples "show higher than desired chlorophyll levels and oxygen levels below those supporting aquatic life in the lake in recent years. Elevated levels of chlorophyll suggest that phosphorous washing into the lake from the surrounding land is causing too much algae to grow, which in turn results in depleted oxygen."

This is why cloudy masses of green algae float about the shallows at the peak of summer heat. The phosphorous mainly comes from septic systems, yards, beaches, driveways and roads within 250 feet of the shoreline. Diemer explained that beyond 250 feet there is more retention by forested land and the ground in general. She also observed that ten times the phosphorous comes from developed land compared to forested land.

Another danger of these developments is cyanobacteria forming in the lake, leading to the lake being closed for a spell because of toxic water conditions.

The first step for GLWMPC is take a survey of the watershed to see how many residents have septic systems, housing, driveways and a number of other factors that

affect levels of phosphorous entering the lake. Diemer said much of this survey may be done from what can be seen from public roads. But they would also like to interview homeowners to the extent that homeowner is comfortable with sharing information. And Diemer pointed out that FBE does not need to who or where homeowners who take the survey are located. In other words, they may remain anonymous.

Diemer also noted that zoning regulations in the watershed can help with forecasting what pressures may affect Gregg Lake in the future.

"What about when a road is close to the water, then what?" member Peter Beblowski asked.

Diemer said that the land would need to be reshaped on roads that edge right on the waterfront. A buffer would have to be created, logs placed, vegetation planted. And there are other ways of resolving these sort of issues, including replacing culverts.

"Set a water quality goal. Then go for State funding with an approved plan, maybe for action next summer," Diemer suggested. "The State has a million dollars a year for planning and implementation. It will turn into an ongoing process."

If nothing is done, the phosphorous will continue to pour into the lake, oxygen levels will continue to decline along with the diversity of fish, and aquatic plants will develop along the shoreline, feeding on the phosphorous. And, according to the FAQ sheet, "develop a fishy pond smell on warm still days."

"We're here for the next generation. That's my motivation," said Diemer. "We love these resources too much - crowding them, building docks, bringing in dogs."

To find out more or to get involved, go to www.gregglake.org

igh residents, Yvonne unanimously decided dry Park taken down.

to replace the kiosk o-sided bulletin board y Park location of the ost impossible while o parking and walking e renovation if it were he location because it

Scouts have already the bulletin board she an Eagle Scout project

kiosk down in Landry rsonally, I don't think the nicest part of the ost office."

adn't walked the park board of the size she ned the bulletin board others involved would ard.

Yvonne said, promising a bulletin board might



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