

CRYSTAL LAKE ASSOCIATION (CLA)

NEWSLETTER 2020

2020 Summary of Gilmanton Summer Events (see page 7 for details)

- June 27th, Gilmanton 4th July Fireworks
 - July 4th, 2 pm, Boat Parade
 - July 11th, 9:30am, CLA Meeting
 - July 11th, 2pm, Sail Boat Race
 - August, TBD, Tennis Party
 - August 8th, Dusk, 8pm, Illumination Night
 - August 15th, Old Home Days
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Madam President

By Debbie Fitzgerald

Letter From The President,

Welcome back to another year At The Lake. Except this year is different, and not in a good way.

With the Covid19 happening, a lot of changes are/have been made. First, let's start with the good news. Ice Out was called at 5:46pm March 27th and we all wondered when Paige and Neil would be out water Skiing. LOL. Well, that happened on April 12th. The following week, Suzie Burdette's Grandson went for a dip. The temperature was 45. Brr. There has been a count of 8 Loons spotted on Our Lake. Someone made a video of them singing. It was beautiful to hear. Ugh! The May Flies (black flies), are for vengeance. Be careful. I sent out a notice via Facebook about upcoming events for some feedback, but have not heard anything. I think during this time, it will be a notice sent out as those events are going to take place. That also includes the Annual Meeting originally set for July 11th. For now, it is not that things are in hold, we just don't know if certain events will take place. I am sure you all understand. The Town Hall is closed to inside services, but you can do things on line. Also, the Redemption Center is only doing recycling on Wednesday. It is still open for the pit and regular trash.

Any questions, feel free to ask any Board Member. Happy Summer. See You All on The Lake.

Thank You,
Madam President, Debbie Fitzgerald

Water Quality Test Results for 2019

Testing is performed by *Mike Krebs, Roger and Pat Beaudet*.

Crystal Lake is an oligotrophic lake, meaning that it has relatively low levels of plant nutrients and phosphorus, and contains abundant oxygen in the deeper parts. Human activity can increase nutrients in the lake and drastically change its ecosystem, including the growth of algae and the lowering of oxygen levels that sustain aquatic populations such as trout. ***Common sources of nutrients include deficient septic systems, fertilizer and pesticide runoff, plant and animal debris.***

The best strategy is to vigilantly protect the lake from pollution, since it is almost impossible to restore a lake once it has been degraded. Changes due to natural processes, such as climate change, may also be observed.

In addition to our testing, the state performs testing at various times throughout the summer, more often, if the results return unfavorable. Signs are typically posted at the Gilmanton Public Beach and warnings are post online.

Beach Warnings: https://www4.des.state.nh.us/WaterShed_BeachMaps/WaterShed_BeachMaps.aspx

We take samples of the lake several time a year, the results of Lake Testing are attached to this newsletter.

Use the following link to interpret the data, below is a summarization of the data.

https://www.des.nh.gov/organization/divisions/water/wmb/vlap/annual_reports/2016/documents/how-to-read-your-report.pdf

Understanding how lake water quality has changed over time can identify potential problems and help guide watershed management activities. Statistical analyses are conducted on various parameters where ten or more consecutive years of data are available. Overall trend of our lake is stable, however the increase in phosphorus is above the guidelines for a oligotrophic lake. Lin provide can help with maintaining our property to control runoff. <https://www.des.nh.gov/organization/commissioner/pip/publications/wd/documents/wd-II-II.pdf>

CLA Officers

President: Debbie Fitzgerald, debfitz2004@yahoo.com

Vice President: James Firzgerald, Fjfcontracting12@gmail.com:

Joe Downing , gosnojo@gmail.com

Secretary: Denise Tiralla, dtiralla@comcast.net

Water Quality Testing for 2020

Due to the coronavirus causing so many new safety regulations in regards to water testing procedures, equipment handling, scheduling, and team availability, it was mutually agreed by us and the Coordinator of the Department of Environmental Services that we would skip a year of testing. The VLAP coordinator stated that missing one year of sampling will not be critical to our data set. They can still perform all of the trend analysis, etc. Water quality at Crystal Lake has been stable and actually might improve this year if people are boating and visiting the lake areas less. We would resume testing in 2021.

Mercury Fish Report

Mercury is a naturally occurring element that is found in rocks, soils, sediments, and the atmosphere. The element is a relatively stable metal that does not readily react chemically, and will vaporize at relatively low temperatures. Mercury is a potentially serious environmental contaminant that can adversely affect wildlife and humans.

Some natural emissions of mercury are soils, volcanoes, weathering, and forest fires. In addition mercury is emitted through anthropogenic activities, such as burning of municipal waste, and burning of fossil fuels (which is the greatest cause of emission). The mercury in the air then settles into the waters and eventually into the underwater sediment, where bacteria convert the mercury into a form that can enter the food chain. Mercury is then consumed by progressively higher life forms, and bioaccumulates through each consumption. Fish that consume other fish, like bass and pickerel, have the highest mercury levels. Generally the larger and older the fish the higher levels of mercury it will contain. This is why, for species such as bass and pickerel, it is recommended that people only eat fish 12 inches (30 cm.) or less in length. The trout in our lake is stocked at least 2 times, these fish are farm raised.

Currently the NH Department of Environmental Services warns about consuming fish from our lake, however the data is old. Therefore are looking for volunteers to collect fish for testing this year, they need to be delivered to Concord in a timely manner or frozen for more convenient delivery.

The following link contains the Instructions, submission form and overview of the Fish Sampling program. Fish need to be bagged separately and taken to Concord fresh within 24 hours or frozen within 14 days. <https://www.des.nh.gov/organization/divisions/water/wmb/vlap/mercury/sampling.htm>

For information on existing fish mercury data from specific NH waterbodies, contact Walter Henderson at 271-8802.

Treasurer's Report

Provided by Joe Downing

Fiscal Year 2019-2020

Beginning Balance: \$4130.13

Expenses:

CLA water testing.	\$480.00 (3 tests)
<u>USPS postal box</u>	<u>\$ 54.00</u>

Total expenses: \$534.00

Credits:

CLA Member Dues:	\$695.00
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Total credits: \$695.00

Current Balance (4-17-2020): \$4,291.13

New To Crystal Lake

Do you have a new neighbor? Please send an email response to this newsletter giving your new neighbor's name and address.

A CLA representative greet them with a Crystal Lake Association welcome packet!

COVID-19 Information

- Gilmanton - Re-opening Plan, information about the Town Hall, Transfer Station, Crystal Lake park, Policy Station and Fire Station.

https://www.gilmantonnh.org/sites/gilmantonnh/files/news/town_government_re-opening_plan_5_21_2020.pdf

- State of NH - Stay at Home 2.0, guidance on opening dates of businesses, out-of-town residents

<https://www.covidguidance.nh.gov>

- State of NH information on Summary Reports

<https://www.nh.gov/covid19/>

- Centers for Disease Control and Prevention (CDC)

<https://www.cdc.gov/coronavirus/2019-ncov/community/index.html>

For Your Comfort and Relaxation on Crystal Lake

- Maintain headway speed (6 mph or slowest speed to travel and still maintain steerage) if within 150 ft of: swimmer, other boats, rafts or floats, swimming areas, docks or mooring fields and shoreline. No wake zones are clearly defined thought the river to the dam.
- Quiet hours (including fireworks) => 10:00 PM
- Protect our wildlife (Loons, Turtles, etc.– they were here first – please do not disturb our wildlife (if they react to your presence, you are too close)
- Check your boat before launch for milfoil, etc.
- Try to avoid patches of weeds in the lake while boating to slowdown the spread of weeds
- Be respectful of your neighbors and their property, please keep dogs on a lease
- If you witness an incident that concerns you. NH Marine Patrol can help in these matters. They encourage documentation via video and hull numbers recorded. See contact information on phone numbers.

2019 Winter Happenings

The Crystal Lake Association held two winter activities this year to offer residents social connections through the long winter. Activities included a Patriots vs. Cowboys Pre-Game warm up in November and New Year's Eve Campfire. The Stephan's invited members to their home to sample pot luck chili, chowder and other warm delicacies. The cold November afternoon warmed quickly as guests huddled around the TV to cheer on the Patriots in their win over the Cowboys. Despite the chill on New Year's eve, members gathered at the Tiralla/Brown back yard and warmed themselves with hot chocolate and conversation until a champagne toast at midnight. The warmth of neighbors, the fire and stars above made for a truly a special way to welcome 2020! While these two events were a success it did not appear the other planned activities met a need for the membership throughout the rest of the winter. If others wish to become involved in helping with plans for next winter and see winter activities continue, please contact Denise dtiralla@comcast.net

Below are some pictures from the last season - more can be found on Facebook

Ice Carousel



July 4th Boat Parade



Annual Sail Boat Race



Illumination Night



Gilmanton 2020 Events Details

Gilmanton 4th July Fire Works

Currently scheduled for **June, 27th**. Town is waiting on Guidance from the State.

July 4th Boat Parade

Saturday, July 4th @2pm. Starting at the sand bar buoys where the lake and river meet.

Annual CLA Meeting

The Annual Crystal Lake Association (CLA) Meeting schedule for **Saturday, July 11th**. More information will be sent later.

Sailboat Race Race

Saturday, July 12th @ 2 pm. Need more sailboats! Talk to neighbors! All boats welcome.... If there's no wind, it will be postponed until the following Sunday, July 13th. Race will start and finish at 403 Crystal Lake Road, between Crystal Lake Road, between the Burdett dock and raft. Triangular course. Questions? Pete and Susie Burdett @ 364-6231 (H) or 800-778-4251 (weekday). See attached flyer.

Annual Tennis Party

Saturday, TBD mixed round robin play at Maher's and Downing's tennis courts at 449 Crystal Lake Road. The Gilmanton Tennis Party, usually held in mid-July, has been postponed until later in the summer. If

conditions permit, we hope to be able to schedule the event in August.

Illumination Night

This year's 8th-annual lake-community tradition will bring the Crystal Lake Community together for an evening of cruising the lake and viewing cottages, docks, and boats illuminated with lights! **Saturday, August 8th, @ dusk**, rain date Saturday, August 15th.

Gilmanton Old Home Day

122nd Gilmanton Old Home Day, Smith Meeting House Grounds, **Saturday, August 15th**. This will be help online, preorders for Beans, Silent Auction, Art Show/Sale. Check the Facebook page for more details.

Gilmanton Historical Society

The Gilmanton Historical Society has planned events every 4th Tuesday of the Month from May - Sept, however due to the current Covid-19 some events may be cancelled or postpones. Check the link below for events.

https://www.gilmantonnh.org/sites/gilmantonnh/files/uploads/g-1771_ghs_broc_20204c_o.pdf

Nats Bridge Construction

- Construction Fall of 2021, after drawdown
- RFP will be going out to bid in November of 2020
 - ✦ Road width will increase from 19'6" to the DOT preferred 24'.
 - ✦ Expand the clear span under the bridge (as viewed from a boat perpendicular to the road) from the current 10' to 30' wide to alleviate fear of flooding with heavy rains and simplify construction.
 - ✦ Vertical clearance from the underneath side of the bridge to the nominal water level will be maintained, allowing boats currently able to pass under the bridge to maintain access to the main lake.
 - ✦ Depth of water underneath the bridge to be no shallower than it is now, allowing boats currently able to pass under the bridge to maintain access to the main lake.
 - ✦ Currently there are no plans for any special access (fishermen, handicapped, etc.) to the bridge or fishing platform. But the upstream side will be lined with a Gabion Retaining Wall.
 - ✦ A sub-committee was formed at the last CLA meeting and discussions are on-going.

Local Links!

- Gilmanton Pub @ 4 Corners (old Temperance Tavern), (603)267-7349 <http://www.gilmantonpub.com>
 - ✦ Curbside Takeout Service: 4-8pm
- Gilmanton Cafe @ 4 Corners, (603) 527-8047, serves Pizza, Subs, Breakfast and Dinner items. They also have some convenience items. Check them out on Facebook for a menu.
 - ✦ Hours: 11 am - 8 pm
- Gilmanton Own, 4 Corners, in the “Old Fire House”, promotes and sells locally grown, raise and created items. Check out their web site, <http://gilmantonsown.wordpress.com>
 - ✦ Summer Hours: Online Orders for Thursday and Saturday pickup.
- Gilmanton Winery, 267-8251, <http://www.gilmantonwinery.com>
 - ✦ Opening June 4th, for Wine Tastings and Lite Bites menu
 - ✦ Opening June 7th, for Brunch: 9:30 am - 1:30 pm
- Gilmanton Ironworks Market, 364-8000
 - ✦ Baked Goods, Pizza, Subs, Hours: 7 am - 9 pm,

Outside of Gilmanton!

- Squam Lakes Science Center <https://www.squamlakes.org/>
- Wolfeboro music festival www.greatwaters.org
- Fishing, Hiking & Boating, <https://wildlife.state.nh.us>
 - ✦ Information on Hunting, Fishing and Boating. Licenses can be purchases at area stores or online.
 - ✦ Get information on registering your boat, or phone Marine Patrol at (603) 293-2037. Call to report any issues and video if needed.
- Belknap Trails
 - ✦ The **Belknap Mountain Range** is a prominent range west of Lake Winnepesaukee in the towns of Gilford, Gilmanton, and Alton, NH.
- <http://belknaprangetrails.org>

- Gilmanton FaceBook Groups
 - ✦ Crystal Lake, Gilmanton Iron Works, NH
 - ✦ Gilmanton NH Community Sharing and Information
 - ✦ Gilmanton Community Information
- CAVES – emergency animal veterinary service => www.capareaves.org => 603-227-1199 or 877-929-1199
- Wings of the Dawn – wildlife rehabilitation center and bird sanctuary (loon rescue, etc.) => www.wingswildlife.org => 603-428-3723
- Loon Preservation Committee => www.loon.org => 603-476-5666
- Audubon Society => www.nhaudubon.org => 603-224-9909

Contact Information

<i>Gilmanton Police Department</i>	<i>267-740</i>
<i>Belknap Sheriff (as backup to Gilmanton police on weekend)</i>	<i>527-5454</i>
<i>Fire Department</i>	<i>364-2500</i>
<i>Marine Patrol</i>	<i>293-2037 or 877-642-9700</i>
<i>Town Hall Offices</i>	<i>267-6700</i>

- <http://www.gilmantonnh.org/index.php>

<i>Tax Clerk/Tax Collector</i>	<i>267-6726</i>
<i>Transfer Station / Recycle Center</i>	<i>267-6070</i>

- Wednesday: 7 am - 6 pm, Saturday: 7 am - 1 pm and Sunday: 12 - 5 pm
- Recycle is only permitted on Wednesday

<i>Gilmanton Year-Round Library</i>	<i>364-2400</i>
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- Currently Closed, <http://www.gyrla.org> for more information

Gilmanton Iron Works Library

- Currently Closed

<i>Dump Run Cafe</i>	<i>267-6150</i>
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- Currently Closed

<i>GIW Post Office</i>	<i>364-7820</i>
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- Monday - Friday: 12:15 - 4:15 pm and Saturday: 8:30 - 11:30 am

DES

- Shoreland permits (for building construction, expansion and foliage/tree cutting), etc. => www.des.nh.gov/onestop/index.htm => 603-271-2147, 603-271-2905

Become a member of the Crystal Lake Association!

Dues have been waived for 2020!

The purpose of the CLA is to provide a common forum for all those persons interested in the ecology, use and environmental health of Crystal Lake and its watershed.

Annual CLA membership dues, contributes to keeping Crystal Lake in Gilmanton Iron Works, NH clean and sparkling.

- Funds water testing to make sure we understand the status of our Lake on an ongoing basis.
- Provide and promote corrective action as may be appropriate.
- Promote communication and discussion of timely issues regarding the preservation of Crystal Lake and the surrounding area.
- Provides an annual news and happening of Crystal Lake.

Detach portion below and keep the above for your records.

Please feel free to enter multiple names that reside at the same Address and email. Thanks!

Name(s): _____

Address: _____

Email: _____

Total: _____

Bring to the Annual Crystal Lake Association Meeting, email or mail to:

CRYSTAL LAKE ASSOCIATION

c/o Joe Downing

145 Varney Road

Gilmanton Iron Works, NH. 03837