

THE VOICE OF THE TEMAGAMI LAKES ASSOCIATION (TLA)

FALL 2012

Council Shares a Vision for Temagami

By Mayor John Hodgson

"If you don't know where you're going, any road will get you there." (Lewis Carroll's Alice In Wonderland) As a municipality, we do need to know where we are going and need to have a plan in place to get there. Strategic planning is vital to success.

The strategic planning process usually starts with a "vision" of the future, summarized in a "Vision Statement". Then a series of steps, or tasks, are identified that need to be accomplished in order to reach that goal. The planning horizon is usually for a period of 10 or 20 years and needs to be reviewed periodically.

In November of 2011, Council and senior municipal staff met to begin the visioning process, with the assistance of a consultant well versed in municipal strategic planning. During the meeting, Council brainstormed ideas and identified four common themes. Growth and Development; Quality of Life and Healthy Community; Temagami Brand and Wilderness; and Governance. We also performed a SWOT analysis (Strengths, Weaknesses, Opportunities and Threats).

We then used this information to decide upon the vision statement: "Temagami is a healthy community, which balances quality of life and livelihood and the quality of our natural environment." It is important to note that this vision is a statement of what Council envisions for the future of Temagami, not a description of the way we see Temagami at present.

The next step was to generate ideas that would achieve the Vision we had

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Perfection on Lake Temagami.

Photo by: David Cain

TLA POTABLE WATER INITIATIVE Tests Drinking Water on Lake Temagami

By Diana Van Vlymen, with contributions from Peter Healy and Daniel Sauvé

An important concern for all patrons of Lake Temagami is whether we can drink from the lake. Drinking the wrong water could make you sick. With this in mind, the Temagami Lakes Association created and ran a potable water-sampling program for cottagers this summer through Near North Labs in North Bay.

Near North Labs have a microbiology facility, through which they conduct water quality analysis for private and commercial parties. The program was run in July, while the summer students were not busy with the environmental water-sampling program. Cottagers had the option of having one or two samples taken: from the kitchen tap and in the lake close to the intake, though cottagers had the option to change the sample locations as desired.

The samples had to be sent to Near North Labs within 48 hours of testing, and the analysis required one day for bacteria culturing, thus samples could only arrive Wednesday or Thursday, at the latest. As the Temagami Chamber of Commerce routinely sends water samples to Near North, and the TLA is a member of the Chamber, we sent our samples at the same time. The bus taking these samples left Wednesday at noon, thus the samples were collected on Tuesdays.

A limited time was available for sampling, and required driving across the whole body of the lake (one day involved Outlet Bay, the NW arm, and the NE arm). A complicating factor was that cottages were not always occupied so we could not complete one area of the lake each week. Nonetheless, the program was completed with as many samples taken as possible and transferred to Near North's care and results distributed

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Is this the End of an Era?

For well over 100 years passenger trains have been running through Temagami. They are a part of our culture, our history and our heritage. Now it seems as though we are at the end of an era. The Ontario Northland Transportation Commission (ONTC) passenger train, the Northlander, that pulled out of the station on September 28, 2012 was heralded as the final passenger train. The end of the line – so to speak.

The Temiskaming and Northern Ontario Railway was formed in 1902 and by around 1903, Temagami had a "request stop" in the community of Redwater. In 1907 our historic Temagami Train Station was built.

Despite the efforts of northern Ontario communities, the ONTC discontinued passenger train service as part of the plan for the divestiture of the ONTC assets. Is there a possibility that the next owner of the railway will reinstate the passenger train? Who knows?

There are those who maintain that with proper marketing, passenger train service could be a viable business. But for now, it is gone.

"Every community served by the Northlander train is also served by ONTC motor coach service. This bus service will continue as usual." says the ONTC. The Polar Bear Express train service between Cochrane and Moosonee will continue scheduled service, at least for now.

The final ONTC passenger train to Toronto pulls into the Temagami station. Photo by Doug Adams.



THE TEMAGAMI TIMES

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THE TLA BOARD OF DIRECTORS

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The term of office for a Director is 3 years. Elections are held every year in the summer.

President's letter

This issue of the Temagami Times is full of good news and impressive activity. Read all about it in the articles about water sampling, the special champagne corn roast event, drinking water, lake pH levels and loons, campsite monitoring, and other TLA activities. If you are a TLA member, and you wonder where your dues go, read on! Consider recruiting other family members to join.

If you are not a TLA member, read on! See how a modest investment of dues translates into meaningful activity and tangible results: comprehensive, scientifically credible water quality testing throughout the lake; a complete accounting of 170 campsites on Lake Temagami, with visits to 80 of them to monitor for trash, privies, and other conditions; bacteria sampling of cottage drinking water. None of these accomplishments would have been possible without the energy of dedicated TLA staff and volunteers, and the support of members.

Huge thanks to Diana Van Vlymen and Daniel Sauvé, the environmental science university students employed by TLA this past summer to lead our water sampling and campsite monitoring efforts, as well as provide all the other summer TLA services. Peter Healy, TLA's Executive Secretary, deserves our thanks for organizing our students and making this such a productive summer. Finally, hearty thanks to our former President, Andrew Healy. His leadership, love of the lake, and vision for what can happen played an important role in the TLA accomplishments of 2012

Chip Kittredge, President Island 1158

The TEMAGAMI TIMES welcomes signed letters or emails on any subject.

The editor reserves the right to edit for length, clarity and relevance. Letters containing libelous remarks, personal attacks or inaccurate information will not be published nor will open letters or copies of letters sent to public officials or governments. The opinions expressed are the letter writers' own and do not necessarily reflect the views of the Temagami Lakes Association. As contributing authors write articles for the Times on a voluntary basis the TLA cannot take responsibility for errors or omissions which may accidentally appear in Times articles.

SKYLINE RESERVE

The mainland surrounding Lake Temagami and Cross Lake is to be zoned as a landscape ecology zone to preserve the beauty, restore the integrity and preserve the wilderness aspect of the Temagami Forest. This ecology zone would consist of 2 reserves which would be protected from natural disturbance e.g. fire and insect infestation, but would have separate management goals and prescriptions.

The two reserves would be the following: 1. Skyline: The Lake Temagami and Cross Lake reserves must protect any part of Lake Temagami or Cross Lake with no visual evidence to the naked eye that any activities such as timber cutting or mining have taken place. The minimum dimension would be 200 metres. It would be preserved in its natural state and its permissible uses would be very limited.

TENETS FOR TEMAGAMI



2. Ecological Buffer Reserve: This would surround the skyline reserve to protect the natural forest and wildlife habitat ecosystems of the Temagami region. It would have a broader range of controlled activities but no new public roads would pass through it except in the village of Temagami.

ROAD ACCESS

The current ban on construction of new public road access points to Lake Temag-

ami and Cross Lake is supported by our three groups. We define the existing public road access points to consist of the village waterfront, Finlayson Park, Strathcona Landing and the Lake Temagami Access Road landings. We agree that, where possible, parking areas must be screened from the main body of the Lake. Shiningwood Bay, Cross Lake, Austin Bay, Blue Bay and any other illegal access points are to be closed using scarification methods. Existing gates are to be maintained and new

ones are to be installed to prevent new public access roads to Lake Temagami and Cross Lake.

New ski-doo trails accessing Lake Temagami/Cross Lake are to be no wider than ten feet and for winter ski-doo use only. Proposals for these access points to Lake Temagami and Cross Lake are to be reviewed and sites inspected by the new governing body prior to construction.

MAINLAND DEVELOPMENT

There should be no mainland development on Lake Temagami and Cross Lake with the exception of those potential lots immediately adjacent to the Township of Temagami that are able to be serviced by the Township's central sewage treatment facility. All other future development will occur on islands, the number and location to be determined by the revised official plan which will be sensitive to current ecological standards.

Thank You Lake Temagami

We will remember July 11, 2012 for a long time because it was the day fire destroyed, in 3 hours, our cottage and furnishings, two boathouses, our 18' Glastron boat, many of our hand planted pine trees (1967), and the basis for many of our memories over the last 48 years on Island 280 Shiningwood Bay, Lake Temagami.

However, it was also the day that we came to meet and know so many wonderful people in the Lake Community, including all those tireless volunteer firefighters whose combined efforts stopped the fire from spreading to our sauna/workroom, pump house, decks, boat slip, dock, and trees on the south and west side of our island. We dearly thank the MNR whose water bombers finally put the fire to rest.

So many people have been kind to us in the aftermath of the fire. We thank those

who gave us temporary accommodation either in their cottage or their floating raft/ fish hut. Thank you from the bottom of our hearts. We are so grateful to all, for your infinite kindness.

We have renamed our island Phoenix Island. We have cleared most of the metal debris and started to rebuild already. It will probably take 2-3 years, but it has become our dream. Temagami is a major part of our lives and will remain so, for as long as we are able.

Sincerely

Brian, Bernie, Diana, and Anthony Van Vlymen

TLA 2012 Special Event

Over the winter months, the TLA Board of Directors considered the Flea Market committee recommendation that such an event not be held every year, but perhaps every two or three years. As a

result the Board envisioned a different kind of social event that could be used as a fundraiser for our new, but very expensive, water quality initiatives.

TLA Directors David McFarlane and Pete Calverley led the charge by volunteering to put a very 'Special Event' together for this purpose. Not only would it be a fundraiser through a silent auction, but it would be something

really special that included free Champagne and Fresh Ontario corn cooked up on site.

It was decided to have this 'Special Event' late in the day on the second to last Saturday in July, so as to not conflict with events elsewhere over the next 'long' weekend. A large tent was

rented in case of inclement weather; barges were solicited from local contractors; local artists who might like to display their wares were approached; and individual TLA members were approached to chair or volunteer to organize a portion of the event.

Saturday July 28 turned out to be a perfect day, sunny but not too hot with very little wind. We registered 198 TLA members and their guests through our name badge registration desk run by TLA president, Andrew David and Pete are grateful for the help they received from Healy. Champagne, freshly cooked Ontario sweet corn, the following lake residents: Charlie Berube, Pete Cal-

hamburgers and hot dogs were served to our guests as they circulated and viewed the over thirty items donated for the silent auction. A bake sale table and a few local

Of course none of this happens without volunteers.

verley, Robin Campbell, Jim Dow, Irene Drenth, Friends of Temagami, John Harding, Andrew Healy, Tracy Huff, Chip Kittredge, Gerry Kluwak, Lakeland Airways, Reina Leudke, Susan and David McFarlane, Justin Metz, Debbie Nixon, Normerica Authentic Timberframe Homes, Sandra and Barry Smith, Charlene and Rocco Tamburro, Temagami Marine (Andre and Nick), Jennifer Wastrom, Denise and Sarah Wert.





artisans with items on display kept people circulating throughout the property.

All in all it was a fun event. We made a few dollars, enjoyed a beautiful day, ate and drank well and generally had the opportunity to spend time with many long-time friends from all over the lake.



Highlights of the 81st Temagami Lakes Association Annual General Meeting

GREETINGS

The 81st Temagami Lakes Association Annual General Meeting was held at Camp Wabun on Friday, July 27th, 2012 at 10:00am.



TLA president Andrew Healy began the meeting by welcoming members and guests and reflecting on 81 years of TLA operation on the lake.

Roxane Ayotte, Chief of the Temagami First Nation, reported that new structures are going up on Bear Island, including a warehouse and a shed to store the community's airboat and water taxi. The TFN is working with ex-Wabun staff and island youth to build birch bark canoes. The TFN have signed an agreement with a mining company in their territorial lands and will be getting some payments, but more importantly, they have input into the environmental management of gold mining operations to ensure that the environment is not negatively affected. Regarding land claim negotiations there has been no progress over the last year. A new parking lot at the end of the Mine Road has been built by Temagami First Nation resources for the use of band members.

John Hodgson, Mayor of Temagami, reported that the town is taking a new, more businesslike approach. The Council tried very hard to reduce debt while reducing the municipal budget. He said

further that they have made a financial commitment to the Mine Road, hired a Municipal Planner and an Economic Development Officer.

Introductory Remarks

TLA President Andrew Healy remarked that many of today's issues are similar to 1931 when the organization was founded. Property owners came together then to protect the shoreline reserve. In the 1990's, amalgamation with

town brought higher property taxes but may have saved the town. This allowed us to share the benefits of an Official Plan, which included the Tenets for Temagami.

We are now focusing our efforts on environmental issues such as water

quality, fish and wildlife, etc. Water quality was the biggest concern of members in last year's survey. For that reason we have embarked on the biggest water survey ever done on the lake.

Andrew also highlighted further concerns looking ahead including: potential of declining membership; improving our web site to encourage younger members; encouraging women to get involved; the future of the Headquarters building; and the need to support the Municipality.

Financial Statements

Treasurer David McFarlane reviewed the 2011 financial statements. He pointed out that the Tenets' Defense Fund may be used to resist challenges to the Tenets for Temagami. Someday the TLA building will have to be removed and the lot brought back to original state at considerable cost.

Our financial situation is healthy, but looking ahead we may need to use some of our resources. It is time to encourage adult children to join the Association. Income from annual membership dues is up a bit from 2011. TLA hosted a successful flea market last year; we raised about \$7,000 and we made about \$9,000 from the sale of the TLA history book. We had about \$12,000 in expenses for water quality testing in 2011.

Municipal Taxation

Boyd Matchett reported that tax rates have been lowered substantially due to

the recent tenure of Mayor and Council, as well as the efforts of the budget committee chaired by Councillor John Kenrick. Our property values have increased, but our tax rates are considerably lower than nearby municipalities. We expect updated evaluations.



Natural Resources

Andrew Healy reported that there is not a lot of activity on the forestry and mining fronts. With our summer staff, we have continued our campsite cleanup. There have been more than 100 campsites cleaned as part of the TLA Campsite Clean Up this year. The TLA in partnership with Camp Wabun have built and installed a number of privies on selected campsites as well.

The TLA joined the newly formed Wolf Lake coalition that was successful in pressuring the Provincial government to keep in place the Forest Reserve designation at Wolf Lake. The TLA has contacted MNR to show our support for good planning and continuation of the moratorium on development on cold-water fishery lakes.

Water Quality

Peter Healy reported that we are testing the lake water to create base line points with respect to quality of water. We also want to motivate members and all cottagers to respect water related by-laws and take care of our water. Soaps containing phosphates, pesticides and weed killers have no place at all in our watershed. We are testing for phosphorous and oxygen levels. There is a minimum oxygen level essential for lake species like trout.

Phosphorous results in algae blooms, the decomposition of which reduces oxygen levels. We are also testing for water clarity and temperature. Lake trout is an indicator species that reflects health of an ecosystem. We are taking samples from one quarter and three quarters of the way to the bottom. Our staff, senior university students, are doing this work.

We are not testing for e. coli and total coliform bacteria, but we offered a voluntary program for individual water testing for these things. Untreated lake water is unsafe to drink!

Diana Van Vlymen gave a slide presentation on the water-testing program. The research showed oxygen levels in deep areas. Samples were taken in the spring and were an average of 12 milligrams per liter, which is good compared to other lakes. Phosphorous levels have been rising, but slowly. They average 5 micrograms per liter and are higher near

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Your TLA Board for 2012/2013

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1st Vice PresidentTed Tichinoff

2nd Vice President Gerry Kluwak

TreasurerDavid McFarlane

Directors

Pete Calverly Will Goodman Andrew Healy Tim Richardson Justin Metz

Meet Tim Richardson - New TLA Director

Tim Richardson is the newest member on the Board of Directors of the Temagami Lakes Association, acclaimed to office in 2012. The Times asked Tim to introduce himself with a short biography and history of his time on Lake Temagami, for those of you who do not already know him.

I first arrived on the Lake via the long trip on train and Aubrey Cousins in 1953. It seemed (and was) a magical place for an 8 year old and it remains so almost 60 years later. I had the privilege that year of having A.L. Cochrane teach me to swim and canoe. Subsequently I worked on the lake for the summers while in high school and medical school.

After a short hiatus, with some persuasion, in 1969 my family purchased Island 795. For 11 years, while doing general practise in Kirkland Lake and North Bay, Louise and I and our 3 children frequented the island on a very regular basis. We have not missed a summer visit since, with the odd winter sojourn thrown in! Since specializing in radiology, our use of the island has dramatically increased although we are now residing in Toronto.

I have worked in leadership positions in many medical and non-medical organizations over the years.

We love the lake, enjoying more and more of our time here as work commitments now allow. The preservation of the quality of the water and preservation/betterment of canoeing experience for both young and old, are important to me. I would like to contribute in any way I can to the preservation of the Temagami experience, which has been so influential on me and on four generations of Richardsons.

Tim Richardson



PENDELTON BLANKETS • KEEN SANDALS • SOURIS RIVER
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TLA Potable Water Initiative Tests Drinking Water on Lake Temagami

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shortly thereafter to those who participated.

Close to 50 cottages were sampled and this allowed us to draw conclusions about the water being drawn from the lake. This water is NOT POTABLE and if you drink water without any filtration system (usually one of those listed below), you are DRINKING E. COLI AND COLIFORM BACTERIA.

We cannot tell you not to drink the water, but keep in mind that these bacteria are present. Their presence means fecal contamination. As this is a lake used by many other animals than humans, this should not be surprising. However, precautions should be taken if you intend to drink the water, and this includes brushing your teeth, washing raw veggies and dishes, making lemonade, and any other use that directly leads to consumption of the water.

Swimming is safe; having a shower is safe; even accidentally ingesting a small amount of water during these activities is safe. The water can make you sick and has done so for a number of individuals on the lake. It is particularly dangerous if you have elderly parents or young children coming to your cottage. Illness from the water generally manifests itself through vomiting and/or diarrhea, which are sure ways to ruin your vacation.

On the bright side, there are a number of ways to treat your water, not all of which cost exorbitant amounts of money or require electricity. Within the realm of treatment options though, keep in mind that a charcoal filter is not enough (all by itself – this doesn't apply to UV or other systems using charcoal along the way). These filters are designed to remove chemical impurities, not bacteria. Charcoal is a high carbon source, and liable to ATTRACT bacteria in isolation.

If this is your only method of treatment, you should discard the charcoal and look into better options! The viable filtration options (many of which are already in use by other cottagers) include ultraviolet light, chlorination, and ceramic filtration. It is important to consider all these options, with their pros and cons, when making a decision on how to treat your water.

OPTION ONE: UV LIGHT

If you're considering buying a filter, ultraviolet is often favoured because it uses no chemicals, just light energy. Results for parties with UV filters were generally good, and all coliform, including E. coli, was removed, making the water safe to drink.

The system uses a light bulb emitting UV light, which naturally has mutagenic properties (ie. it is capable of mutating the DNA in cells – the reasoning behind sunblock). This UV light is concentrated, and at a level high enough to deactivate any bacterial cells passing through its rays. It is also capable of destroying viruses, mold, algae, yeast, cryptosporidium, and giardia ("beaver fever"). Yet, with such a wide range of cells that can be effectively killed by UV treatment, this is a safe option for drinking water. Therefore, installation of a UV system is a safe option for water treatment.

This system relies on a light bulb emitting UV light. The bulb is located within a protective sleeve (usually quartz), typically mounted above the water chamber. This allows the water to be treated as it passes below the light bulb.

However, UV filters require electricity. While this can be supplied using a generator, special precautions must be taken. Any water remaining in the lines when the bulb is off can become contaminated, as

E. coli and others are equipped with flagella, little "propel-

lers", for directional movement. Thus, the light is usually left on continually with an on-demand style pump, or a water tank system is necessary and the water may have to be flushed and decontaminated with each use.

Maintenance is, of course, required to keep any system running and purifying your water. The UV bulb must be replaced annually and the quartz sleeve must be inspected monthly and cleaned if it appears cloudy. A regular schedule of disinfection throughout the ENTIRE system must be followed to ensure bacteria are not present. More information and the proper procedure to follow would be given in the owner's manual and by the supplier.

Overall, the benefits of UV light are the following: safe drinking water is provided; the entire water system is treated at once; it is not harmful to plumbing or septic systems; there are no harmful by-products produced; and there are no organisms known to be resistant to UV light (unlike chlorine). On the other hand, the disadvantages are that it requires power; it may reduce water pressure; and the water should be pre-filtered through a sediment filter. This pre-filtration is necessary, as particulate still present in the water can cast a shadow over microbes, preventing the UV light from killing them.

The cost of UV filtration is \$300-\$900 for the basic system and \$150 per year to replace the bulb. The cost of running a UV light bulb is negligible, as it only consumes as much electricity as a 60W light bulb. If you have electricity and want to filter all your water, UV may be the way to go.

OPTION TWO: CERAMIC FILTER

Another option that is gaining popularity is ceramic filtration. Ceramic filters are usually part of a two or three stage system involving sediment filters, usually an initial screen followed by a 5 micron (μm) filter which will remove the vast majority of particulate present in the water. This is followed by the ceramic filter, which has pores small enough to prevent travel of coliform and cysts such as cryptosporidium and giardia. The ceramic filter's pores are just 0.3 μm , which is 0.00003 cm. The possibility of any harmful bacteria entering is slim.

The Safe Drinking Water Act in Ontario mandates that potable water be free of coliform bacteria including E. coli; general background bacteria are not considered a health risk. Therefore, although the purification method differs significantly from ultraviolet light, the water is still safe for consumption.

One major benefit of ceramic filters is their versatility for the cottage, as no power is required. The system is also easily installed and cleaned by cottagers themselves, so anyone on the lake is able to install and use a ceramic filter to obtain drinking water. The initial disinfection process is similar to that for UV light and the manufacturer or owner's manual should be consulted for proper

maintenance.

The disadvantage, however, of ceramic filtration is that this is not typically a whole system filter. It is usually installed under a single sink, and a separate tap is required for the drinking water. Therefore, you may still find yourself boiling water for washing veggies or cleaning dishes. However, the system should be strong enough to provide clean wash water for vegetables, and boiling dish water is not unusual. Thus, extra work beyond urban living is minimal.

Overall, the benefits of ceramic filters include the ease of install and maintenance, creation of safe drinking water without being on the grid, and economical pricing. The disadvantages of ceramic filters are the separate tap for drinking water, and perhaps less peace of mind if you worry about background bacteria. However, for anyone who has been drinking unfiltered water, it is definitely safer to use a ceramic filter! It should be noted that those cottages tested during the program that used ceramic filters had safe drinking water (ie. no E. coli or other coliform bacteria), and general background bacteria were quite low or nonexistent.

The cost of a 3-stage filtration system involving a 5 μ m activated carbon block and a 0.3 μ m cleanable, reusable ceramic filter with an activated carbon core is a little less than \$300. The separate faucet required is \$40 and replacement ceramic cartridges are \$40. The replacement schedule of ceramic cartridges varies by water use, but it would generally require one new cartridge per season at the cottage.

OPTION THREE: CHLORINATION

Chlorination is one more possible water treatment. There are a number of different versions of chlorine treatment, including chlorine injection and inline automatic pellet dispensers. This method is moderately popular, as it is fairly



apply and inexpensive, but comes with its own drawbacks.

Chlorine directly kills or deactivates bacteria, which is the cause for its use as a disinfectant. It has been applied to municipal water across Canada for many years, historically to prevent the spread of waterborne pathogens (disease-causing bacteria, parasites, and viruses). It can be applied in a number of ways, including chlorine injection pumps, automated pellet feeders, or using household bleach.

The most popular of these methods is the use of household bleach. One important aspect of any chlorine treatment is that enough chlorine be added to treat the bacteria present in any cottage water system. As chlorine reacts vigorously with a variety of substances, enough must be present on top of the amount consumed in these reactions. This extra amount is called the chlorine residual, and is required to be within the range of 1.0-4.0~mg/L (ppm) at the point of use. This prevents recontamination by the water source, and kills any remaining bacteria.

The whole process with chlorine starts with a series of filters, as in the process of the other two filtration methods. This is in order to clear dirt and sediment from the water to which chlorine will be applied, as the sediment will interfere with chlorine treatment in much the same way as sediment protects bacteria in a UV system. All the bacteria will be destroyed in clear water, while it may be doubtful in other instances.

As anyone who has installed a water system would know, sediment is also bad for water pumps and plumbing. Thus, granular or biologically activated carbon (GAC and BAC, respectively) filters are necessary. After three to five stages of physical filters, a container is installed where bleach can be added to the water, or the automated device can be installed.

Automated devices such as peristaltic feed pumps and chemical injectors will also require installation of a flow meter, in order for the accurate calculation of chlorine doses. All chlorine systems will also require adequate contact time for disinfection to occur, most commonly about half an hour before water use. A water tank can be added after the chlorine stage in order to limit the inconvenience involved with a whole-system chlorinator.

A few important caveats are to be noted with the chlorination process. Chlorine is highly reactive, and toxic to skin, eyes, and the respiratory system. Containers of liquid bleach must be stored in cool, dark rooms (or pump houses) and adequate protection (gloves and eyewear) used while exposed to it.

Chlorine is most effective on low (<6) pH water (not Lake Temagami, as we found the pH to be an average of 7.8) and high temperature (>20°C), so most

cottagers would find the concentration and time required for treatment to be quite high. Use of chlorine in water also creates by-products called trihalomethanes, the most common of which is chloroform. These are potentially carcinogenic substances. Finally, chlorine can result in a slightly offensive taste to water, which can be removed with reverse osmosis, distillation, or charcoal filters (AFTER purification only).

The difficulties of chlorine include the trial and error process involved in obtaining the correct residuals, and the frequent adjustment prior to finding the correct amount. Water equipment in this case will need daily checking to ensure it is working accurately, and several tests of the residual each week to ensure the provision of safe drinking water for your family. Finally, cryptosporidium and giardia are resistant to chlorine, and so must be removed using pre-filtration (a ceramic filter might be best for this stage).

The overall benefits of chlorine include safe drinking water and the ease of obtaining household bleach and residual test kits needed for the system. The disadvantages of chlorine are the work involved, the trial and error process to obtain safe water, frequent maintenance of the water system, by-products produced, and the resistance of some organisms. Also, the automated devices available usually require a power source. Chlorine might be best left to an industrial scale and municipal water systems, where it is one step of many in water treatment plants.

If you choose to buy a chlorinator, they cost between \$500 and \$1000 (including the contact tank). A pellet feeder costs between \$300 and \$700, and usually do not include a contact tank. The tank alone, required if you will be using bleach or a pellet feeder costs approximately \$280 – \$320, depending on size (these prices represent the 100 to 150 litres, or 30 to 40 gallons, range). There is a small cost required for replacement containers of bleach or chlorine pellets required, and maintenance as necessary.

Whatever water system you choose, ultimately it is your decision to make. There are a number of strong, viable options available, and each of the three presented here should create safe drinking water at the cottage. Remember to do your research, especially as far as the maintenance required. Hopefully, the potable water testing initiative will be beneficial to the whole Lake Temagami community, and everyone can enjoy a vacation without the concern of whether the water will make you sick!

References

Pricing for UV and ceramic systems based on RainfreshTM systems: (http://www.rainfresh.ca/index.php), available at most Canadian retailers (RONA, Canadian Tire, Home Depot, etc). Pricing for chlorination systems based on Clean Water SystemsTM (http://www.cleanwaterstore.com)

For more information on treatment systems:

UV – Canada Housing and Mortgage Corporation: http://www.cmhc-schl.gc.ca/en/co/maho/wawa/wawa_002.cfm Ceramic – Rainfresh system specs: http://www.rainfresh.ca/drinking_water_system_3.php Chlorination - Agriculture and Agri-Food Canada: http://www4.agr.gc.ca/AAFC-AAC/display-afficher.o?id=123 6097753569&lang=eng

Council Shares a Vision for Temagami

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agreed upon, keeping in mind the information gleaned in the SWOT analysis. A list of 66 preliminary ideas was compiled. Obviously this needed further work to narrow down the tasks and prioritize them to come up with an implementation plan.

At a subsequent council meeting in February, Council reviewed the long list of tasks and identified the priority items that we felt could be accomplished within this term of Council. We narrowed it down to a list of 10 tasks, with each task being assigned to a team consisting of members of Council and Staff.

The next step in the visioning process was obtaining public feedback. A third special meeting was held in August of this year, with representatives from various community groups and businesses as well as individual citizens.

The process and the outcomes were explained and input and suggestions to add to the outcomes were sought from the community. Individuals, businesses or groups who want to become involved in helping to accomplish the visioning tasks were encouraged to contact the Councillor assigned to the particular task. Council will also receive additional input, submitted in writing. Council and staff look forward to the support of the community in general as we move forward in implementing the Vision.

For minutes of these meetings and other information concerning the visioning process, please visit the municipal website at www.temagami.ca under "Your Government >> Council Visioning" or contact the Municipal Office.

The top 10 priorities determined (in no specific order) were:

- 1. Review and verify the capacity of water & sewer systems and waste management and determine what needs to be done to allow sustainable growth (go out for RFP and bring to Council for approval). Assigned to: Councillor Deb Charyna and Public Works Superintendent Barry Turcotte.
- 2. Define ways and means to make the Train Station a central focus of the Town; revisit lease agreements, etc. Assigned to: Mayor John Hodgson, Councillor Lorie Hunter, and Chief Administrative Officer (CAO) Patrick Cormier.
- 3. Inventory both serviced and un-serviced lots (determine serviceability) and built infrastructure; and review holdings of land with waterfront to determine best use and ownership. Assigned to: Councillor John Kenrick and Chief Building Official Monty Cummings.

- 4. Re-brand Temagami as an active, vibrant community in a pristine wilderness setting with all major services available; initiate a FaceBook Page and use it to promote the new Temagami brand, to promote events, links to businesses, discussion pages; collaborate with local businesses for advertising; prepare a marketing plan; and dialogue with community and various organizations to work together towards achieving the Vision and encourage common goal setting. Share the Vision whenever possible. Assigned to: Councillor Debby Burrows, Economic Development Officer (EDO) John Santarossa, and CAO Patrick Cormier.
- 5. Increase senior facilities and supports; consider programs to keep seniors in their homes; consider a maintenance program to maintain and repair seniors housing; and if possible, attract more affordable housing. Assigned to: Councillors Sam Barnes and Lorie Hunter and Municipal Clerk Elaine Gunnell 6. Encourage arts & culture programming: support or partner with private groups; initiate an Art Gallery; partner with the TFN and school; support social activities; create a youth recreation plan; and work with the Temagami School Board to lobby for other areas to use the Temagami School to ensure sufficient population to keep the school open and attract teachers. Assigned to: Mayor John Hodgson, Councillor Paul Middleton, and Facility Manager/Recreation Coordinator Scott Barron.
- 7. Review services and infrastructure to determine which are essential to support the Vision and identify what improvements are needed; identify all assets that have a residual value and dispose of those not required; and draft a capital plan. Assigned to: Councillor John Kenrick and Treasurer Debra Kitts.
- 8. Meet with Ministers to promote Temagami's needs; pressure senior levels of government to communicate before establishing policies that could be harmful to remote areas; communicate Temagami's Vision. Assigned to: Mayor John Hodgson and CAO Patrick Cormier.
- 9. Seek out grant opportunities and apply for grants. Assigned to: Councillor Debby Burrows, EDO John Santarossa, and CAO Patrick Cormier.
- 10. Completion of Official Plan and Zoning By-Law. Assigned to: Councillor Paul Middleton and Municipal Planner Wayne Koethe.



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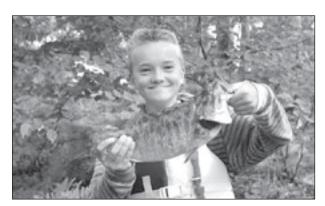
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TLA 2012 - CHILDRENS' FISHING CONTEST WINNERS-

The draw for the 3 winners of the TLA Children's Fish Contest for 2012 was broadcast over the VHF radio service on Lake Temagami on the morning of Sunday, September 2nd. Peter Healy drew the names of these three young anglers: Colin Whyte Is. 388, Sarah Wert Is. 985 and John Patrick Heenan Is. 707. The three winners will each receive a new fishing outfit comprised of a rod and reel from Camp Adanac Bait and Tackle on Temagami Island.



Colin Whyte Is. 388



John Patrick Heenan Is. 707



Sarah Wert Is. 985

Maintaining a Healthy Septic System at the Cottage

By: Diana Van Vlymen, with contributions from Peter Healy

Maintaining the home sewage system is easy for most of us who live in cities. Flush, and everything flows away to a municipal water treatment plant. It's not so simple while living at the cottage, however. Septic systems have to be installed and properly maintained and there are Ministry of the Environment regulations to comply with (such as how far septic fields must be from water). But first, to understand the issues surrounding septic tanks, we must know how they work.

A septic system usually receives all the wastewater from a house, although some systems may have been constructed with a separate division for the kitchen. The regulations around septic systems in Northern Ontario are complicated and the Timiskaming Health Unit (THU) typically has to approve new systems. Each cottage on the lake

differs, especially as some portions of old systems are grandfathered in. Thus, homeowners looking to upgrade or change their septic treatment need to contact THU for the regulations.

The simplest septic system involves a septic tank and a leaching bed (also called a septic field or drain field). The septic tank separates liquid from solid matter and the first stages of organic material breakdown occurs here. The septic tank is a watertight container (usually polyethylene or fibreglass – the old steel tanks rust and wood tanks rot) buried in the ground, usually very near the bathroom. The size is dependent on factors like water use and number of people using the system, and a variety of septic tank sizes are available. The minimum size is determined by provincial regulations, though larger families or those who remain at the

cottage year-round may have larger tanks.

Wastewater from the bathroom travels into the septic tank, and solids drop to the bottom, forming a "sludge layer". The liquids float above, and fats or grease will form a "scum layer" on top. Over a period of time, the liquid layer clears as the sludge and scum separates off. The organic solids in the tank are partially digested by anaerobic (not oxygen consuming) bacteria present in the wastewater entering. The liquid layer, after separation, travels by physical displacement into the lines leading to the leaching bed, where the next step operates.

The leaching bed involves perforated pipes that distribute the wastewater throughout the bed in gravel trenches, and a soil layer that acts as a natural buffer between the organic material and the bedrock. The soil layer's depth is governed by provincial regu-

lations, usually about a metre deep. This soil layer slows the movement of the wastewater in order to allow enough time for aerobic (oxygen consuming) soil bacteria to operate on the organic material.

The trenches containing fluid pipes develop a "slime layer" that acts on the wastewater, using the organic material to grow (including phosphorus), and converting toxic ammonia and urea into the more harmless nitrates that trees and forest ecosystems require to survive. Harmful bacteria present in the organic material are also removed, mainly by filtering through the soil.

With this background on how a septic system works, we will share some important tips on how to keep it working for many years: **Do install everything correctly:** One of the major causes of septic malfunctions is missing baffles, or incorrect installation. Take

continued on page 23

Temagami Lake Artists' Exhibition



Exhibitors (from left to right): Steven Drake, Wayne Yarrow, Valerie Hostetler, Marvyn Morrison, Gerry Gooderham, Marty Pridham and Caryn Joy Colman. Photo by: Gerry Gooderham (radio triggered).

Seven well-known local artists held an exhibition on Sunday, August 5th from 1 to 4 pm at the Bear Island Rec. Centre for a showing of painting, drawing, photography, native arts, wood carving. Exhibitors were: Steven Drake, Wayne Yarrow, Valerie Hostetler, Marvyn Morrison, Gerry Gooderham, Marty Pridham and Caryn Joy Colman.

Steven Drake is an accomplished watercolor artist who resides on Lake Temagami in the summer months; his land-

scapes of mist and fog and local landmarks are unparalleled.

Wayne Yarrow is a local resident of one of the many beautiful islands on Lake Temagami; his bird carvings are so beautiful and life-like, you are waiting for them to take

flight! Unique and detail crafted with hours of loving attention, these are breath taking!

Valerie Hostetler is also a summer resident of Lake Temagami; her multimedia acrylic paintings of the golden era of canoe on lake Temagami are stunning and vivid!

Taken from old photographs of the area these are marvels to behold.

Marvyn Morrison is a long-time resident of the village of Temagami; he travels deep into the Temagami back-country and displays his unique and talented eye through stunning photographs of these journeys - landscape and wild life abound.

Gerry Gooderham, of Gooderham Photography, is a long-time resident of the islands on Lake Temagami. Capturing not only the heart and soul of the Temagami landscape in stunning large format photographs, he is also an accomplished portrait photographer.

Marty Pridham is a local and First Nations artist, spiri-

tually drawn to our Mother and interpreting it with beautifully crafted pieces from this land, carving, dream catchers and jewellery!

Caryn Joy Colman from Smoothwater of Temagami runs a company that has accomplished hundreds of adventurers in their quest for Nature's powers in the Temagami backcountry. Her vision comes to life in the vivid and exciting pastels, acrylics and watercolours that flow like the beautiful streams of the region.

The weather was quite daunting yet the turnout was amazing. Despite the high winds, well over 150 people and patrons showed up to see the exhibit. Photographer Gerry Gooderham of Gooderham Photography remarked: "It was a fantastic day everyone was selling their work; it was quite busy, we're very happy. Thank you to all patrons, you made this a huge success."

At 11:30 am the church service ended and the congregation arrived at the Rec. Centre for a preview. We (artists) co-hosted a social and provided some additional food and beverages to augment the sweets. By the way, the service was non-denominational and attended by 60 people. A shuttle was provided to bring people to the island and local residents brought friends throughout the afternoon to enjoy and purchase the Art.

We will be hosting this again next year and will hopefully be involved with the TLA Gala event as well.



Bettina Schuller passing the Talking Stick onto Patsy Turner the future camp organizer. Photo by: Phyllis Drake

By Steve Drake, Is. 1091

This summer marked the 10th anniversary of the Temagami Community Foundation's (TCF) art camp. The camp runs for a week in July and is hosted by the Temagami First Nation, supported financially by the TCF, organized by Bettina Schuller, and staffed by volunteers.

When the establishment of the Founda-

Art Camp

10th Anniversar's

Celebration

tion was originally announced, Bettina happened to be in Temagami presenting a workshop at a local church. She immediately saw an opportunity to promote understanding between the three communities that make up Temagami namely, the Town, Bear Island and the lake cottagers.

Her idea was to have a camp based on an arts theme, which was directed at children ages 6 to 12 from these three communities. As she felt that such a camp met some of the objectives of the TCF, she made the proposal and request for support to the TCF.

Now some 10 years later, with the camp flourishing with over 50 campers, plus councillors, leaders and, of course, Bettina, a celebration of this milestone was thought to be in order. Again, with financial support of the TCF and through volunteers, an event was planned to immediately follow the closing day of the camp.

The ceremony included a welcome from a Bear Island elder (who unfortunately was too ill to attend), remarks by John Hyde (a long-time summer lake resident), a gift for Bettina, recognition of the volunteers, the Bear Island Women's drumming group, and the Bear Is-



Steve Drake, Camp volunteer, presents Bettina with a painting in appreciation of her 10 years of contribution to the camp, as Victoria Grant (TCF Board Member) looks on. Photo by: Phyllis Drake

land men's drumming group. There was also food and refreshments, which were prepared and donated by Bear Island residents along with contributions from other attendees, musical entertainment, display of artwork from prior years' campers and ferry service to and from the landing. All in all, a very memorable

Bettina had initially undertaken the responsibility for the first 10 years of the camp, after which she felt that it should be turned over to someone else to ensure new ideas and energy. In recognition of Bettina's contribution, a framed original watercolour painting of Saint Ursula's Church on Bear Island was presented to her.

There was an inscription cut into the mat that read "On the tenth anniversary (2003 to 2012) of the Temagami Community Foundation Art Camp, we celebrate your vision, spirit, leadership and enthusiasm." The mat around the painting was used to record messages of good wishes from the campers and attendees

The future of the camp was then turned over to Patsy Turner. Hopefully Bettina, who currently resides in Florida with her family, will be able to enjoy more personal time on the lake and we are sure that she will find time to visit the camp whenever her summer schedule permits.

Highlights of the 81st Temagami Lakes Association Annual General Meeting

continued from page 4

town and again are better than other lakes, but human impact should be minimized. Only phosphorous free products should be used. Overall, Lake Temagami water is healthy but we must be aware of our impact over time.

Brenda McClay from Near North Laboratories in North Bay gave a presentation on water bacteria. She said there are not a lot of e. coli on the lake at this time, but levels should not be allowed to grow.

Resolution

Andrew Healy clarified that the Council of the Municipality of Temagami is lob-bying for removal of the current no-new Crown lots- Lake Trout Policy. Jack Goodman introduced a resolution that the Town of Temagami should not continue lobbying. John Hodgson, Temagami Mayor, clarified his position on the MNR cold-water policy, that this does not have to do with the Tenets for Temagami. The TLA has written the Minister of Natural Resources that the TLA disagrees with the Mayor's views on the cold-water fishery policy. Andrew accepted Jack's motion: Move that the Town of Temagami municipal council cease lobbying the MNR to cancel the cold water fishery policy as it applies to Lake Temagami. 2nd Jim Norton. Carried unanimously.

Water Levels and How and Why they are Controlled

Phil Hall, MNR Lands and Water Technical Specialist, spoke on SNF (Sturgeon, Nipissing, French) Water Management. He said that most of the lakes in the water basin of the SNF watershed are in good shape. There are three dams that control Lake Nipissing, with sharing of water between various water bodies to control flooding, avoid low water situations, and protect fish habitat. Controlling water levels is difficult as it is weather dependent.

He answered a question regarding mistakes at Cross Lake Dam control and explained that it is difficult to do weather forecasts for planning water levels. He was asked if Cross Lake Dam produces hydropower and answered that it does not; it is simply a water control dam.

Conservation Officers and their work on Lake Temagami

Pete Gilboe, Conservation Officer (CO) MNR, based in New Liskeard spoke on how the CO's job has changed in 23 years. Initially they were just game wardens, now their responsibilities include fire ban enforcement and public safety duties (boating safety). COs depend on lake residents' participation and input. They go where they are needed, over a large territory. The fire ban is still in place and this is the main enforcement item.

He answered a question on what to do about a bear on your property. The solution is that if there is no food (i.e. garbage) that equals no bears. Bears like barbecues. He advised using bleach and water to kill the barbecue scent. Hummingbird feeders also attract bears. He advised calling the OPP for an immediate threat. He also suggested calling "Bear Wise" for more information.

He answered a question about what happens if you shoot "nuisance animals". You have to believe that property is being damaged on your property, and then you have a legal right to destroy an animal (bear, beaver etc). There is a legal requirement to report shooting a bear.

He said that the cancellation of the spring bear hunt did not increase the bear population.

He stated that the food supply (i.e. berries) controls bear sightings.

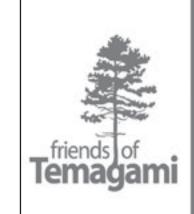




Peter Healy gave many thanks to the Wabun Camp Directors and kitchen staff, under head cook Robin Potts, for hosting the TLA AGM and lunch. Peter also thanked Allan and Molly Eustis for taking meeting notes.

- Andrew Healy was recognized for his second year of service as President of the TLA.
- **Denise Wert** was honoured as Member of the Year for her outstanding role in many TLA functions.

President Andrew Healy once again thanked the membership for their presence at this meeting and their ongoing support for the organization and welcomed all to stay for a buffet lunch.



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Summer 2012 Activities at the Headquarters Building

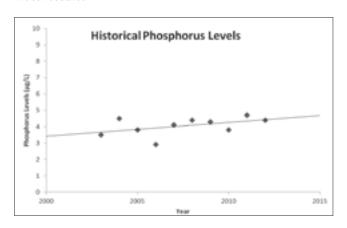
By Diana Van Vlymen, with contributions from Peter Healy and Daniel Sauvé

The Temagami Lakes Association hired two senior university students to run the headquarters building and a number of new environmental initiatives this summer. Daniel Sauvé attends the University of Ottawa, and is entering his fourth year of Environmental Science, specializing in Environmental Toxicology. Diana Van Vlymen attends Queen's University in Kingston, and is entering her fourth year of Environmental Science with a minor in Life Sciences, after changing programs in June.

Both students have strong backgrounds in science: Dan had previous experience using similar water testing equipment in

ENVIRONMENTAL WATER STUDIES

Two rounds of sampling were conducted in the students' time working for the Temagami Lakes Association. The first was completed in May, between the 14th and 24th, while the second was completed between July 30th and August 9th. Perhaps you saw us on the lake doing the water studies!



The data collected was compiled into a database for similar studies in the future. Historical data was also tabulated from the MOE's Lake Partners Program and the previous (2011) TLA work conducted by volunteers. These data were used to form a graph of the phosphorus levels over the years. The graph (shown on this page) shows that the phosphorus levels on Lake Temagami have been steadily, albeit slowly, increasing over the years.

POTABLE WATER QUALITY INITIATIVE

Another program run by the TLA this summer was the potable water initiative (commonly confused with the main project above). Water samples were collected from the kitchen taps and intakes of interested cottagers in order to assess whether the lake water can be consumed at any of the locations.

Not surprisingly, bacteria are present in the lake as a result of other animals' use. This means that the lake water is NOT POTABLE and should be boiled prior to consumption. The lake water has great potential to

Diana and Daniel, two senior university students hired by the TLA for the summer, were very busy with important initiatives including:

Environmental Water Studies

Potable Water Quality Initiative

Campsite Cleanup Program Review

Temagami Island Trails Maintenance

make people sick and continues to do so for many individuals. The lake varies by location, but no area of the lake, and no particular depth of intake, will protect you from possible illness.

There are a number of great options for water treatment available from Canadian retailers, and none of them should cost more than \$1000, plus maintenance and perhaps installation labour. A separate article in this issue (see page 1) discusses this initiative in more detail and a description of each of three options (UV light, ceramic filters, and chlorination) is offered. We invite you to read it to learn more about protecting the health of your family while visiting Lake Temagami!

CAMPSITE CLEANUP PROGRAM REVIEW

Another ambitious initiative that began this year was

the campsite cleanup program. The summer students completed the water testing in two finite periods, which allowed time to check as many campsites as possible over the remainder of the summer. Lake Temagami is well-endowed with campsites, from the furthest reaches of Sharp Rock Inlet, to the shores of Outlet Bay in the South Arm. In total, approximately 170 campsites exist across the lake.

TLA summer students Diane and Daniel doing water testing in our new, made in Temagami, Naden boat. Photo by Peter Healy.

The first part of this project entailed developing an unambiguous way to identify the sites, as common names for each site vary, and some simply don't have names. (On that note, the TLA would appreciate any common names that can be passed on from the lake's campers or nearby cottagers.)

the field and Diana had extensive experience analysing biological compounds and using Excel to represent large amounts of data. Over the summer, both students became proficient using the TLA's equipment to perform environmental water testing and potable water testing.

Besides the water initiatives undertaken, they were also kept busy with campsite checkups, building box privies for campsites, hand-brushing the trails on Temagami Island, and staffing the VHF radio and headquarters building. The following is a short summary of these activities.

All of the campsites listed on the MNR maps, shoal map, topographical map, and even the newly published Friends of Temagami map were considered in compiling this data. The currently adopted campsites were noted and are recorded on the display map currently hanging in the headquarters building.

Once the map was developed, our staff used the new, made in Temagami, Naden boat to drive all over the lake checking campsites. Almost half of the campsites were visited in the few weeks available, including those at the Hub, Sharp Rock Inlet, the SW arm, part of the NE arm, Shiningwood Bay, Cross/Portage Bays (and High Rock), and a few in Whitefish Bay.

From our survey of the lake's campsites, we discovered a few traits of Temagami campsites.

First, Temagami campers are a hardy bunch: most of the campsites are at least half rock, and yet see frequent use. Second, the campsites are astonishingly beautiful, with amazing vistas and plenty of trees.

Third, a large majority of the campsites visited had

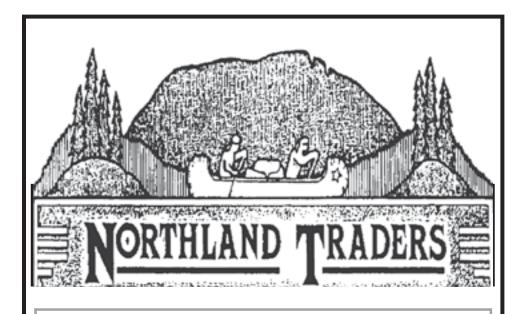
privies, in various states of repair. Ones requiring immediate action were noted and will be dealt with accordingly. On that note, a privy on one of the sites in the NE arm is unlikely to fill before 2050! There must have been some ambitious people with shovels at that particular site.

A fourth and final trait noticed is that most of the campers are conscientious, as few campsites had more than the

odd piece of trash. Nonetheless, we ask that you remember to take your trash with you, as every little bit helps to keep Temagami one of Canada's natural wonders!

Overall, the campsites are stunning, and I wish I had the time to visit all of them, at the very least to see what else Temagami has to offer.

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Healthy Living/Aging Program Launched in Temagami

In July, the Municipality of Temagami received approval for a Healthy Communities Fund Grant from the Ministry of Culture, Tourism and Sport to develop and launch a Healthy Living/Aging program in the community.

The Municipality of Temagami is partnering with the Temagami Family Health Team to develop the program that will include

nutrition and healthy eating workshops, physical activity assessments with programs tailored to individual needs, and a series of education and social interaction events.

With the nearest public health unit, phar-

macy, mental health organization or hospital located some 55km to the North of Temagami and there being no public transportation available from Temagami, access to services is a barrier for much of the population. "With this program, we want to try to bring more healthy living activities / events / workshops to Temagami rather than the need for people to travel great distances to access these things in other communities", says Temagami Mayor, John Hodgson.

According to statistics provided by the Family Health Team, 50% of the patient population in Temagami has a Body Mass Index greater than 25 (at increased risk for developing chronic diseases), 22% have been diagnosed with high blood pressure (hypertension), 11% have been diagnosed with diabetes, 14% have been diagnosed with some form of mental health condition such as

anxiety or depression, and 20% are smokers. "These numbers represent those people that have been diagnosed, there are many more living with these conditions that have not yet been diagnosed", says Executive Director, Ellen Ibey.

This program will take a holistic and integrated approach to improving the health and wellness of the community through opportu-

Ontario

The Temagami Healthy

Living / Aging Program is funded by

the Ontario Ministry of Tourism,

Culture and Sport.

nities for increased physical activity, including an indoor walking program and hopefully affordable access to a 24/7 fitness centre within the community; healthy eating workshops including healthy cooking classes and grocery store tours

to help people learn how to read labels and make healthier choices; and improved mental health including anxiety management and anger solutions workshops.

The Municipality will be recruiting a personal trainer on a contract basis to the end of March 2013 to assist with fitness assessments and the development of fitness programs specific to individual needs. Additionally, the Municipality will be looking for volunteers to assist with various aspects of the program such as leading the indoor walking program.

For more information about the program, please contact: Scott Barron, Recreation Coordinator, Municipality of Temagami, (705) 569-3421 or Ellen Ibey, Executive Director, Temagami Family Health Team, (705) 569-3244, ext. 223.



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MUNICIPAL UPDATE

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MAYOR JOHN HODGSON

MUNICIPALITY OF TEMAGAMI P.O. Box 220, Temagami ON POH 2H0 Phone: (705) 569-3421 Fax: (705) 569-2834 visit@temagami.ca

www.temagami.ca

Temagami GIS Portal is Now Live



The GIS Portal to an interactive map of the entire Municipality of Temagami is now available and can be accessed from the home page of the Municipal website at

www.temagami.ca. The map, provided through CGIS Spatial Solutions, can be viewed as satellite imagery or as a two-dimensional map that shows roads, township lines, businesses, and land parcels. This program allows you to zoom in for greater detail and to print what you see. We would encourage viewers to report any errors that might be discovered in identifying information to our Municipal Planner, Wayne Koethe at planning@temagami.ca so that we can advise CGIS to make any necessary corrections.

Access Point Parking Lot

In response to an ongoing demand for reserved parking spots at the Lake Temagami Access Point, the Council decided to upgrade and expand the parking lot at the Mine Landing as one of our capital projects this year. The work is being done this fall and is resulting in the creation of about 50 new paid parking spots.

These reserved spots will be offered first to those who are already on the waiting list and then on a first-come-first-served basis, if any remaining spots are available. The rates for these reserved spots are reviewed annually with the user fee by-law. 2012 rates are \$145 with hydro, or \$115 without hydro, annually plus tax.

The newly created spots will not have hydro plug-ins, but some hydro spots may become available if people with hydro spots choose to change to non-hydro spots. For further information about renting a parking spot, or to be placed on the waiting list, please contact Barbara at the Municipal Office.

Ontario Trillium Foundation Grant

Thanks to the Ontario Trillium Foundation (OTF), Temagami will be making a number of upgrades to the Community Centre / Arena kitchen and canteen facilities; upgrading sound and projection equipment in the Bunny Miller Theatre at the Welcome Centre; and purchasing new tents, benches, and other

equipment to enhance our outdoor activities and festivals. Temagami's community groups may also use these facilities and equipment, subject to user agreements. The OTF funding came in the form of a \$122,700 grant for 100% of the eligible costs for this project.

The Ontario Trillium Foundation is an agency of the Government of Ontario and a leading grant maker in Canada. The OTF strengthens the capacity of the voluntary sector through investments in community-based initiatives, helping to build healthy and vibrant communities. MPP Vanthof and OTF representative Andrew Ager came to Temagami to present a plaque to Mayor John Hodgson to celebrate the awarding of this grant.

Welcome Centre Theatre Renamed

In response to a written request supported by a long list of signatures from members of the Temagami Community, Council agreed to rename the theatre in Temagami's Welcome Centre as the "Bunny Miller Theatre". The request was made "in view of her life long support of Temagami, its many attractions, its theatre and its people."

Bunny was born and raised in Temagami and spent her entire life here. She was very involved in the community and supportive of the theatre, promoting its use at every opportunity. She worked tirelessly to improve the quality of life in this community, particularly for those who were shut-ins or suffering from cancer.

A short dedication ceremony is planned for October 11th in the Theatre.

Waste Transfer Stations

Temagami's two waste transfer stations have been a focus of concern in recent months. The station at the town waterfront was removed at the end of June and, as an interim solution, a truck has been provided two days per week to accept household waste from residents of the northeast arm of the lake. Council will review data collected to determine how to go forward with usage and user fees.

The transfer wagons at the Lake Temagami Access Point remained in place throughout the summer, with summer students and volunteers encouraging proper use of this facility. With better education of users, these transfer wagons were left in place on a trial basis. We appreciate the efforts of lake residents to ensure compliance and, at this point in time, things are remaining status quo at this location.

The Municipality will also review the landfill attendant and transfer wagon contracts that are due for re-tender this fall. We will consider revisions to the current terms to ensure the most effective use of manpower to manage our solid waste disposal facilities. The Municipality will keep residents apprised of potential changes.

Meanwhile, we continue to encourage residents to properly dispose of garbage and recyclables. It is estimated that Temagami residents could divert about 50% of their total waste by recycling, but currently only divert 20% to 30%. Recycling depots are located:

- near the Family Health Team building on O'Connor Drive
- beside the arena on Spruce Drive
- at the Lake Temagami Access Point
- · at the Marten River (Sisk) Landfill Site.

All accept plastics 1-7, cans, paper, and cardboard, the Access Point and Sisk also accept glass.

None of Temagami's landfill or transfer sites are permitted to accept hazardous or electronic waste. Small electronic waste items may be dropped off in the bin in Our Daily Bread grocery store in town. The TLA building accepts used household batteries, and Temagami Marine will accept your used boat and automotive batteries. All other hazardous and electronic waste can be dropped off without charge at the household hazardous waste depot at 112 Patton Street in North Bay. Their hours are Wednesday to Saturday from 8:00 am to 6:00 pm, year-round.

Set Fines Added to Certain By-laws

Council has amended some of our enforceable by-laws to add "set fines" schedules and will be considering others in the near future.

The Municipality has an agreement in place with the Ontario Provincial Police (OPP) to assist in enforcing specific municipal by-laws and has acted on their suggestion to add set fines to these by-laws. Having schedules of Set Fines in place, allows the OPP or By-law

Enforcement Officer to simply issue a ticket for an offence rather than press charges and then take the offender to court.

Set fines were previously in place for the Animal Control, Traffic and Parking, and Open Air Burning By-laws. Set Fines were recently added to the Noise By-law and the Littering By-law. Other by-laws will also be considered. Even when there are set fines in place, an Officer does still have the discretion to issue a warning on a first offence as appropriate. However, with the current emphasis on proper waste management as a result of the Solid Waste Management Master Plan, there will be a greater focus on issuing tickets to discourage improper dumping of garbage, particularly at transfer sites or recycling depots.

We thank Councillor Hunter and the Protection to Persons and Property Advisory Committee who have been working with the By-law Officer to review appropriate by-laws and make recommendations to Council. For further details, please contact our By-law Enforcement department at the Municipal Office, or visit our website at www.temagami.ca.

New Staff

The Municipality welcomes Scott Barron as our new Facility Manager/Recreation Coordinator as of July 25, 2012.

Scott is looking forward to applying his

education and experience to the benefit of the community of Temagami. He has a Bachelor of Arts degree in Human Kinetics (Sports and Education) and an Honours Diploma in Fitness and Leisure Management. He gained a good working knowledge of parks and recreation and of arenas working in the Leisure Services Department of the City of Temiskaming Shores. His experience with various aspects of sports such as baseball and hockey and various community events are also great assets that Scott brings with him. He will work closely with Chair Paul Middleton and the Parks and Recreation Advisory Committee in planning and putting on events and making recommendations to Council on Recreation Services. We are very pleased to have him join our team.



The Municipality also welcomes Gloria Laba, who started in August to fill in on a part-time basis for six months, due to the temporary absence of our Treasurer. Many of our seasonal and permanent residents already know Gloria from her part-time position at the bank. In additional to her

banking experience, she has many years of bookkeeping experience. Gloria will be assisting in the administration and finance areas.

Diamond Jubilee Award

Congratulations to Marten River Fire Chief Paul Elliott for being awarded the Queen Elizabeth II Diamond Jubilee Medal.

Temiskaming-Cochrane, MPP
John Vanthof
presented him
with the medal
on July 1st at the
Marten River
Volunteer
Firefighter
Association's
Pancake Breakfast. Paul was



surprised and honoured to receive the award.

Sixty thousand deserving Canadians will be recognized with this award during the Queen's year of celebration."

Update on ORC properties

Council is pleased to see progress being made by Infrastructure Ontario in preparing the properties on Lakeshore Drive in the downtown area for sale. They have been cleaned up and old, unusable buildings torn down. The Municipality has been meeting and corresponding with Infrastructure Ontario staff and we understand that they are now are nearing the disposition process.

Councillor John Kenrick and the General Government and Finance Committee reviewed the various issues the municipality needed to decide upon and submitted options and recommendations to Council with regards to this property.

Council has decided that the Municipality will be acquiring some of the property, due to an encroachment of our water plant, but will not be acquiring the remaining property, since it is not required for municipal purposes. With current provincial legislation, there would be no economic benefit to the Municipality to purchase and re-sell the land.

Although, once the land is sold, the Municipality will only have control of the use of this land through regular land planning means, such as the Official Plan and Zoning By-law, we are hopeful that this land will be sold to a party interested in building something that is of economic benefit to the community. The Municipality will continue discussions with Infrastructure Ontario to ensure that the land is not retained solely for speculative purposes and that it be built upon within a certain time period.

MPAC 2012 Property Assessment

If you are a property owner you will soon receive, or may have already received, a new Assessment Notice from MPAC (The Municipal Property Assessment Corporation). We have been advised that they will send out Assessment Notices to all property owners between September and December 2012.

Under the current province-wide four-year

assessment cycle, 2012 is an assessment year, with the resulting assessed values being used for the 2013 to 2016 taxation years. Valuation decreases will again be effective in the first year, while any increases will be phased in over the four-year period.

Following the alarming increases in assessed values for residential properties in 2008, particularly those on waterfront, MPAC has projected that residential property owners will not likely see similar increases in this assessment cycle. MPAC has indicated that they anticipate an overall increase of about 15% in assessed value in residential properties across the province and that waterfront properties should see a lower than average increase.

average increase.

Although the Municipality has asked MPAC for assurance that decreases in valuation that were made as a result of requests for reconsideration will be maintained during this assessment cycle, it still remains to be seen if this will be the case. Property owners who disagree with the assessment notice received this fall should contact MPAC directly, as it is MPAC, not the Municipality, that is responsible for the valuation.

For enquiries about Property Assessment Notices and assessment in general, please go to MPAC's website at www.mpac.ca or to their Customer Contact Centre at 1-866-296-MPAC (6722) or 1 877 889-6722 (TTY). They have also launched a new and improved AboutMyPropertyTM where property owners can access detailed assessment information. Go to www.aboutmyproperty.ca and use the login information included on the Assessment Notice. Temagami's Municipal Office also has some general information brochures provided by MPAC for property owners.

Council Recognizes Businesses

Small businesses in the arts and culture sector are starting to grow and flourish in Temagami. In recognition of this, Mayor John Hodgson recently presented Business Recognition Certificates to several entrepreneurs at two successive regular council meetings.



Recipients were Margaret Youngs of White Pine Gallery, Denise Mejaki of Art About You; Linda MacKewn-Almost of Deep Water Gallery; Hugh McKenzie of Ojibway Designs; Reina Leudke of Blooms and Loons; and Victoria Wilde of Longhouse-Healing Wellness.

Thank you to Councillor Debby Burrows and the Economic Development Committee for suggesting this way to recognize businesses and for their ongoing efforts to support and encourage businesses in Temagami.

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2012 Battery Recycling Initiative of Temagami Marine

By Chip Kittredge

In 2012, Temagami Marine connected with Crown, one of ONLY four lead-acid battery manufacturers in North America (Johnson Controls, East Penn, Exide are the other three). These four manufacturers make ALL the batteries for every other seller of batteries including Wal Mart, Sears, Canadian Tire, Interstate, Mercury, and others.

Crown has a direct relationship with a foundry and is actively seeking old batteries. Temagami Marine has stepped up to become a recycling center for lead acid batteries. We all have old batteries at the cottage. Tema-



gami Marine accepts car or boat batteries at no charge, in its effort to be a leader in this important recycling area.

In the summer 2012 season, quite a few batteries were turned in. As awareness expands in subsequent seasons, Temagami Marine looks forward to more and more cottagers turning in their old batteries.

This initiative is off to an excellent start and the TLA wants to support it. Drop off your old car or boat batteries at the TLA headquarters and they'll be delivered to Temagami Marine. TLA also accepts your old, spent flashlight batteries (AA, AAA, C, and other sizes), as well, and will dispose of them properly. We all rely on batteries and we need to consider where they go when they are no longer useful to us.

Soap and Shampoo on the Dock?

By Peter Healy and Diana Van Vlymen

So what's the problem?

The TLA sells 'biodegradable' soap products and that's what we use at our cottage. The problem is that to be allowed to call their products 'biodegradable' soap manufactures must be able to prove that 70% of dissolved organic carbon, not all of it, must degrade within a month.

This should not be a problem either as carbon is readily presents in the ecosystem in large amounts. The problem is the other 30%. This remainder could contain trace amounts of compounds, other than carbon, not normally present in high amounts.

The result is that if everyone was bathing in the lake believing such activity was benign, then we could have a long-term problem.

Those of us with bathing alternatives should probably use them. Everyone else should rinse well back from the water's edge.



By Diana Van Vlymen, with contributions from Peter Healy and Daniel Sauvé

There has been concern recently that pH levels are affecting the reproductive success of Lake Temagami's loons. While this is difficult to verify, loons generally return to a similar area to nest each year, and this is a valid concern.

Our TLA summer staff were asked to do some pH sampling while conducting the water sampling programs. For that purpose, a digital pH probe using an optical sensor was purchased from Hanna Instruments, which simply requires placing the probe in water, and gently swirling it to obtain a reading. However, as the spring was already well over, this was incorporated into the summer sampling only.

While this round of sampling was being conducted we took pH measurements at each location. Before use of the probe it had to be calibrated each day and was perfectly accurate for the standard buffer solutions (pH of 4, 7, and 10). The lake itself yielded pH readings with an average of 7.8.

While this may seem to be somewhat high, especially given concerns in the last couple decades over acid rain, Temagami is not the only lake in the Sudbury region to report pH levels that have risen in recent years (Alvo 2009). Measures were taken to limit the effects of Sudbury smelters on the nearby regions, such as scrubbers and taller stacks.

The current pH levels in Lake Temagami should not be considered cause for concern, as we only have summer

EMAGAMI LAKES



pH Levels and the Loons

The current pH levels in

Lake Temagami should not be

considered cause for concern,

as we only have summer data.

data. Despite a common expectation that the lake would have a neutral pH, the optimal range of pH for freshwater ecosystems is anywhere between 6.0 and 8.0 (Adirondack Watershed Institute 2010).

A possible explanation for an alkaline pH in the summer is the action of phytoplankton (like algae and diatoms)

found in the thermocline region of the lake. The thermocline is that area where the temperature drops rapidly, from about 22.5°C to 8.8°C in Temagami's case. This is also a region high in oxygen due to the phytoplankton. Since Temagami's water is highly oxygenated in the thermocline, it is reasonable to expect a

great level of phytoplankton to be acting in the water.

Phytoplankton act like tiny plants, performing photosynthesis. One key point to note is that photosynthesis involves the

transformation of hydrogen atoms (more properly, hydronium atoms in solution [H3O+]) into water atoms. The

more hydronium atoms (which are acidic in solution) that are converted into water, the less acidic and, conversely, more basic the lake becomes.

Thus, the lake seems to be healthy at the present and loon chicks should not be endangered by the water pH in Lake Temagami. It is also important to note that a lack of reproduction in a year or two is not cause for concern, as a generally accepted reproductive success rate for stable loon populations is 0.50 fledged young per territorial pair (McIntyre 1994). However, a lack of immediate danger is not an excuse for complacency.

It is important to keep in mind that other factors may play a role in the success of loons. These factors include weather, water-level fluctuations, predation, and human activities (Timmermans et al. 2005). Even lake area is correlated with breeding success (Weeber 1999), perhaps because larger lakes offer more abundant food sources. It is advisable while enjoying time on the lake each year that you

boat carefully, slow down near loons, and avoid nearing loon nests if you happen to discover their locations.

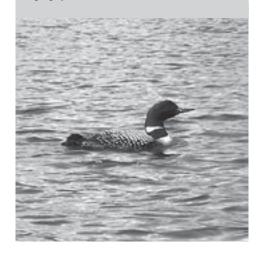
You may also want to get involved by exploring volunteer options with the Canadian Lakes Loon Survey program, which attempts to compile data for a clear picture of loon successfulness on Canadian lakes. Their website is http://www.birdscanada.org/volunteer/clls/, or you can email volunteer@bsc-eoc.org for more information. The TLA also supplies CLLS brochures for interested parties.

Thank you for helping to protect Temagami's loons!

Special thanks to Dr. Doug Payne of Sharp Rock Inlet for encouraging this initiative!

Sources:

Alvo R (2009) Common Loon, Gavia immer, breeding success in relation to lake pH and lake size over 25 years. Canadian Field-Naturalist 123(2):146-156. De Angelo M (2010) Adirondack Lake Assessment Program: Great Sacandaga Lake. Accessed at http://www.protectadks.org/wp-content/uploads/2011/03/ Great-Sacandaga-Lake-2010.pdf McIntyre JW (1994) Loons in freshwater lakes. Hydrobiologia 279:393-413. Timmermans STA, Badzinski SS, Champoux L (2005) Factors influencing productivity of common loons (Gavia immer) breeding on inland freshwater lakes in Quebec, Canada. Accessed at http:// www.birdscanada.org/download/CLL-SQuebecreport2005.pdf Weeber RC (1999) Temporal patterns in breeding success of Common Loons in Ontario, 1981-1997. Accessed at http:// www.birdscanada.org/download/cllstrndrpt.pdf



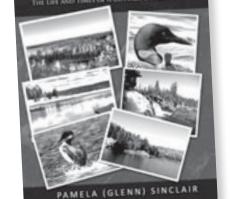
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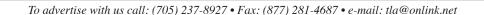
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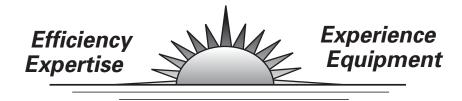
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Summer 2012 Activities at the Headquarters Building

continued from page 12

If you're looking for all the details on a new campsite, or you'd like to know what was recorded about a favourite site, stop by the TLA to see our collection of data. A database has been created that summarizes all the information and can tell you the size and state of around 80 campsites on the lake!

Finally, the Temagami Lakes Association is currently working on an adoption program for campsites that would simply require picking up some trash at a nearby site and filling in a form – whether there's a campsite sign, a privy, and some other simple details. It takes 15 minutes to complete a site (we've done close to 20 in a 7 hour day, with travel time included). You can be part of the force that keeps data up to date in Temagami and keeps the campsites as beautiful as today!

The TLA would like to thank our members who have already signed up, and anyone who hasn't adopted a site yet should consider it – there are about 150 sites remaining and

we could use the help. Forms are available at the TLA office and can also be obtained by downloading them from our website. There isn't much to it, and it's a powerful way to get involved with your Association!

TEMAGAMI ISLAND TRAILS

Yet another summer activity for our staff was hiking the Temagami Island trails. Members had noted that the trails required some maintenance and our two young people were up to that task. The two major trail loops on the island were travelled and the route was hand brushed along the way.

The trails we hiked were not too bad, but there are a few areas that are tricky to get through without getting sap on your clothes. We also picked perhaps an unusual time to visit the trails. It was the middle of June, quite balmy and full of pollen! After a few hours on the trail, we came back to the TLA building looking like we'd been involved in a recent radioactive spill.

Nonetheless, we did as much as possible and the gauntlet will be passed to next year's staff to complete the hiking trails. Perhaps they'll go before or after the pollen season!

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Continuum of Enhanced Fire Protection Options for Lake Temagami

By John Kenrick

In April 2012, Temagami's Municipal Council formed and appointed the Ad Hoc Lake Temagami Fire Protection Proposal Review Committee. The purpose of the Committee is to gather information, review options, and make recommendations to Council concerning the possibility of a fire service on Lake Temagami.

These options range from (1) a full municipal lake based fire department (station) with marine based access to (2) an enhanced status quo focused on additional fire prevention and education (i.e. minimum statutory requirements).

Options

- 1. Formal municipal lake based volunteer fire department (station) with marine based lake access.
- 2. A lake based volunteer "incorporated" fire organization which is at "arms length" from the municipality (non municipal) which can purchase insurance and training.
- 3. Municipally funded fire services provided by a private entity on a fee for service basis.
- 4. Individually funded fire service provided by a private entity on a fee for service basis.
- 5. Enhanced distributed individual pump volunteers
- 6. Enhanced municipal fire prevention and education (issue of Fire Smart standards).

Each of these options will then be compared and evaluated against the following criteria:

- 1. Ability to meet stated objectives
- 2. Statutory Requirements
- 3. Availability of Firefighter disability and liability insurance.
- 4. Municipal liability risk.
- 5. Training and safety requirements.
- 6. Equipment and Maintenance standards.
- 7. Performance standards
- 8. Costs:
 - a) Municipal and other
 - b) Capital initial and ongoing
 - c) Operating initial and ongoing.

TAFIP Update

By Claude Landry

It has been a busy year for the Temagami and Area Fish Involvement Program volunteers in many ways.

The fish hatchery achievements include the collection of 730,000 eggs from Net Creek, which had a 57.5% hatch rate and 570,000 eggs from Lake Temagami, with a 42% hatch rate for a total of 660,000 fry. Ten percent of the fry are returned to the donor sites and the remainder are placed in our rearing ponds on Red Squirrel and Roosevelt Roads. This year, all the fingerlings taken from the large Roosevelt pond were released into Lake Temagami.

The volunteers' work was not limited to the hatchery operations. It also included repairs to the hatchery building itself. One half of the siding was replaced and the building was repainted. Work was also done on the Sherman rearing pond to refurbish it.

The volunteers were also involved in both fun and fundraising activities. They hosted the Kids' Fishing Derby, with about 45 participants, and each kid received a prize thanks to all of the sponsors for the event. TAFIP also held Bar-



TAFIP thanks the Municipal Council and the many people who tirelessly voted for Temagami in the Ultimate Fishing Town Contest sponsored by the World Fishing Network. As a result of this community effort, the Municipality was awarded third prize, in the amount of \$2,500.00. Council donated the entire amount to TAFIP, in recognition of their contribution to the area fishery. Mayor John Hodgson (right) presented the cheque to President Claude Landry (center) and volunteer Wayne Adair at the hatchery building.

beques on Canada Day and at the Baseball Tournament, serving hamburgers and sausages, complete with fried onions.

Sincere thanks go out to all of our volunteers who helped out with the operation of the hatchery, worked on the ponds, and helped out with the community activities. All of the work done for TAFIP is done by volunteers, with the exception of summer students.

Unfortunately, the grant we usually get for summer students fell through this year, which meant an extra cost to TA-

FIP. We were only able to have one student for part of the summer instead of 2 students for the whole summer.

Things are progressing slowly with the replacement bridge for to the rearing pond on Roosevelt Road. The bridge drawings have been approved by the MNR, but TAFIP is still waiting for the work permit. We will be able to afford the bridge this year, but the decking may have to wait until next year.

TAFIP's Annual General Meeting will continued on next page

TLA Welcomes New Members

Lake residents and others are responding to the efforts of the Temagami Lakes Association in contributing to and preserving the quality of the Temagami experience through membership renewals and new member applications.

These are positive signs that our many initiatives on behalf of all residents do make a difference.

The TLA is pleased to welcome the following new members for 2012.

NAME	ISLAND
Andrew Avard	711
Pierre Belanger	
Caryn Joy Colman	
Marc Cote	933
Erika Crofut	356
Anne Crofut	356
Gilbert john DeHamel	
Connor Gardner	765
Madison Gardner	765
Justin Gerson	1104
Sandra Hartman	1089
Ethan Hartman	1089
Nathan Hartman	1089
Matthew Hartman	1089
Sean Huycke	992
Marie Lacasse	852
Marc Lean	464
Lynne Lewis	1087
Paul Lindenfelser	647
Reg Meecham	234
Lorrie Morley	1174
Pete North	375
Rodger Paaine	488
Kurt Porschen	665
Kelly Romans Bancroft	1250
Bill Schoenhardt	955
Virginia Smith	985
Gail Stratton	1087
Karen Towner	1087
Beth Towner	1087
Jonathan Wiersma	281

TAFIP Update

continued from previous page

be held on November 21st at 1:00 p.m. My term as President will be finished and a new President will be elected.

As always, TAFIP is looking for more volunteers to come and join us in this very important program, particularly those that don't mind rolling up their sleeves and getting their hands wet. It does not take a whole lot of time to give a lot back to the fishery.



Peter Healy presents the annual TLA Members donation to the Temagami Area Fish Improvement Program to TAFIP executive member Lance White at Camp Adanac.

Maintaining a Healthy Septic System at the Cottage

continued from page 9

the time to understand exactly what's involved, or hire a certified plumber to install the septic tank and drain field correctly.

Don't kill the bacteria! Septic systems rely primarily on the work of bacteria. Using strong disinfectants like bleach and toilet bowl cleaner in the sink or toilet kill the bacteria that are responsible for the breakdown of organic matter in the septic tank and leaching bed. Instead, use non-antibacterial hand soap, environmentally friendly products like those sold at the TLA, and peroxide in place of bleach.

Don't overload the system with water: Water conservation is key when it comes to septic systems. Too much water prevents the organic material from spending enough time breaking down in the tank, and can push solids into the drain field. Avoid using excessive water when using the sink and limit the number of flushes used if you have a flush toilet.

Don't put everything down the sink: Tempting as it could be to install a garburator, don't send unnecessary items down the sink. Install a screen, and compost plant materials that would go down the sink. Fats and grease should never go down the sink – animal fats usually

harden after cooling, so you can collect substances like bacon fat in an old coffee cup, and scoop it out into the regular trash when it hardens again.

Don't flush it! The gut bacteria responsible for septic breakdown are inefficient at breaking down fibre (the reason fibre's good for you), and this includes toilet paper, diapers, sanitary items, lint, and hair. If you're unsure, don't flush it down. Use a small trash can beside the toilet for these items, and change it regularly. Alternatively (for the toilet paper only), you can use a certified bacterial additive to break these solids down properly.

Do make the septic tank accessible: For maintenance to occur, the tank must be accessible. Normally, these are buried, but access risers can be installed on the mouth of the tank in case anything should go wrong, especially in the winter.

Do get the tank pumped out every 3-5 years: Septic tanks eventually fill, and they work best when less than half full with solids. Therefore, it's critical to get the septic tank pumped out every 3-5 years (depending on use), whether it needs it or not. The material inside contains poisonous gases that can harm you, so be sure to

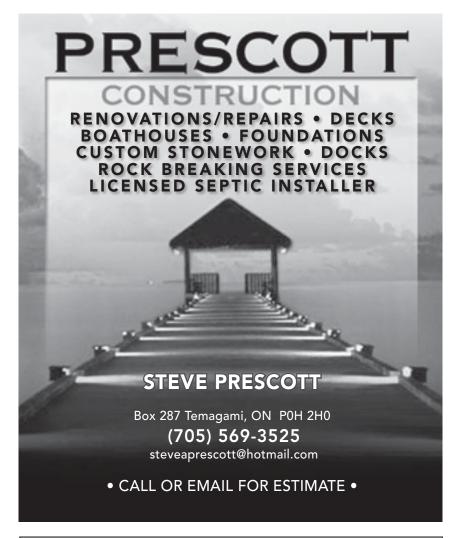
contact a certified pumper for this service.

Do protect the leaching bed: The bacteria involved in breakdown that live in the slime layer of the distribution lines perform aerobic breakdown, meaning they require oxygen to work properly. The field should be located in a sunny, well-ventilated area. Plant grass over the septic field, and avoid compressing it by walking over top, putting down anything heavy, or (in the winter) driving snowmobiles or other vehicles through the area. Don't water the bed (there's enough water to be dealt with already), and don't plant trees or shrubs nearby. The roots can plug and crack the distribution lines. Finally, ensure all eaves troughs nearby are directed away from the septic field.

Do use an environmentally friendly septic system treatment regularly: The TLA sells an environmentally friendly and effective product containing bacteria and enzymes that will speed up breakdown of solids and clean the plumbing lines. Keep your septic system running as it should for years to come!

Sources:

EcoEthic Septic Smart guide (www.ecoethic.ca)
Canada Housing and Mortgage Corporation (http://www.cmhc-chl.gc.ca/en/co/maho/gemare/gemare_009.cfm)









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By Shelley Rowland

We hope all our summer residents enjoyed their stay here and arrived home safely. We

look forward to seeing you again next summer. I'd also like to thank you for your support of the library.

NEW BOOKS

Adult Fiction:

The Tombs/Cussler, Until the Night/Blunt, Delusion in Death/Robb, The Edge of Nowhere/George, Frozen Heat/Castle, Seconds Away/Coben, Up and Down/Fallis Winter of the World/Follett, The Beautiful Mystery/Penny, Low Pressure/Brown, The People of Forever Are Not Afraid/Boianjiu

Large Print:

A Wanted Man/Child, Zoo/Patterson & Ledwidge

Adult Non-Fiction:

Bullied: What Every Parent, Teacher and Kid Needs to Know About Ending the Cycle of Fear/Goldman, We Meant Well: How I Helped Lose the Battle For The Hearts and Minds of the Iraqi People/Van Buren, Rick Mercer: A Nation Worth Ranting About Young Adult Fiction:

Chronicles of Nick (books 1, 2, 3)/Kenyon, The Death Cure/Dashner, The Lost Crown/ Miller

Junior Fiction:

The Unwanteds: Island of Silence (Book 2)/McMann, Judy Moody and the Bad Luck

TEMAGAMI PUBLIC LIBRARY NEWS

Charm/McDonald, Heroes in Training/Holub, The Thief Lord/Funke, Capt. Underpants and the Terrifying Return of the Tippy Tinkletrousers/Pilkey

Junior Non Fiction:

Roll On: Rick Hansen Wheels Around the World/Manson, Life in Early Canada – book in the series: Food, Crafts, Tools, Toys, and Houses also Aboriginal Homes: Teepees, Wigwams, Igloos

Picture Books: Bear Says Thanks/Wilson, 10 Trick or Treaters: A Halloween Counting Book/Schulman

Sherman Mine Reunion 2013

Mimi, Gord McCarthy and Brenda McLennan are trying to organize a Sherman Mine Reunion the long weekend of August 2013. This would be dependent on the number of people interested in attending. Forms are available at Temagami Public Library

and Our Daily Bread or you can contact Brenda at P.O. Box 2511 New Liskeard, ON POJ 1PO.

Food Bank

The library has a box for donations to the Food Bank. Please give generously.

We hope to see you again soon at Temagami Public Library.

MPAC

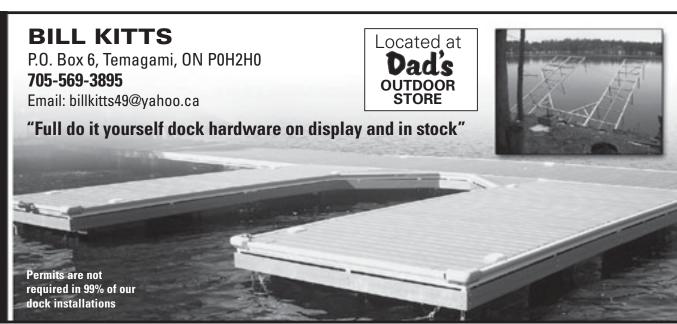
On Friday Sept. 14th Temagami Public Library hosted the BlueSky Librarians Network meeting. Our guest speaker was George McFadden, Municipal Relations Representative, MPAC (Municipal Property Assessment Corporation). George brought some materials regarding MPAC and did a presentation on the computer showing us the MPAC site and how to navigate it.

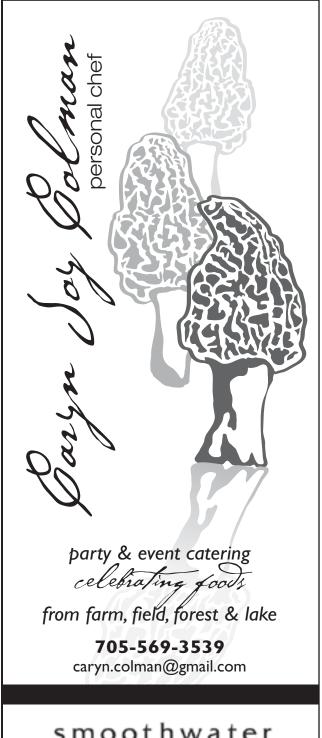
You can find information about your property and information on other properties free of charge by visiting AboutMyProperty at www.mpac.ca. You will need to enter your personalized User ID and password (this information is included on your property assessment notice).

The library was given some pamphlets with information on the following topics regarding property assessment: Recreational Waterfront, Residential, Farmland, Small Commercial and Industrial as well as 2012 Property Assessment Notice and AboutMyProperty $^{\text{TM}}$.









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		¢ 115.00	
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Class F membership (for family members of A member)			
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	aining - non property owner)		
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SUPPLEMENTARY OPT	TIONS AND SERVICES		
Contribution to the "Tenets for Temagami" Defense Fund			
A separate fund for legal costs pro	tecting the tenets	\$	
	ter Qualilty Monitoring Fund to ongoing water quality monitoring and re		
Property Patrol Service	(choose either A, B or C for eacl	h Island with buildings)	
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Service B (January and Marc	ch) — \$50	\$	
Service C (combination A and	d B) — \$95	\$	
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Navigation Maps — Map	s are two sided and water resistan	rt.	
For the boat — \$20 CD Rom	· — \$20	\$	
Full Colour Wall Maps — \$25)	\$	
		\$	
(free with first time class A pro			
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GRAND TOTAL ENCLOSED \$			
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CARDHOLDER NUMBER	EXP. DATE	Temagami Lakes Association, Group Box 129, Temagami ON P0H 2H0	
CARDHOLDER NAME	CARDHOLDER SIGNATU		

If you would like to receive an application for membership or information related to that contact Peter at tla@onlink.net or call 705-237-8927

Temagami Community Foundation: READY, WILLING AND ABLE FOR 2013

By Vince Hovanec

The Temagami Community Foundations' mid-September Annual General Meeting (AGM) clearly demonstrated that the TCF remains committed to helping to build a better future for the greater Temagami community.

Not only was the annual Art Camp on Bear Island a repeat success, but the TCF's canoe raffle resulted in 600 tickets being sold, with almost \$13,000 being raised for the TCF's grant program. Since its founding 11 years ago, the TCF has made grants to local groups totaling more than \$200,000.

For the most recent audited year (2011), the TCF had assets of \$331,450 (after having made grants in that year of \$15,636), only slightly less than the figure for 2010 despite have experienced less of a return on its investment funds because of the market downturn.

The TCF is pleased to announce Cathy Dwyer, a long-time TCF volunteer and board member, has been hired on a contract as the organization's Executive Director. She will ensure coordinating and managing the TCF's day-to-day operations. Well-known in the local community as a volunteer and business owner, she will work on strengthening the TCF's outreach activities with potential grant applicant groups, Council of 100 members and new donors. Please feel free to contact Cathy if you are interested in being involved with the TCF, her email is info@temagamicommunityfoundation.com

At the September AGM the TCF appointed a new Chair. Victoria Calverley has been a summer resident on Lake Temagami for over 40 years. Victoria is a Chartered Accountant, co-founder and partner of Capital C, a marketing services agency in Toronto. She has been a past Board member of the Toronto Community Foundation. Victoria joined the Board of Directors in 2008 as Treasurer and Chair of the Finance Committee and looks forward to giving back to a community that has shaped her life from an early age. Past Chair Victoria Grant will continue with the Foundation and will strengthen the fundraising efforts of the organization.

The Temagami Community foundation has two new Directors, Wayne Adair and Andre Lamothe. Wayne is a long-time Temagami resident, who was the Mayor for 12 years after serving for more than 30 years with the OPP. He has been active for many years in a number of local groups and is currently the president of the Board of Directors of the Temiskaming Development Fund Corp., which makes loans to new business ventures in the area. Andre Lamothe is owner of Temagami Marine and Temagami Boat Manufacturing Inc., which is now making the popular Naden boats, thus creating 13 new full-time jobs in town.

The Temagami Community Foundation looks forward to the upcoming year, and is excited to work together with the greater Temagami community to develop relationships that will last and create opportunities for the community. It only takes a small group of people to make a difference and the TCF will work together to continue with that commitment.

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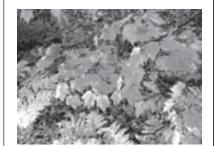
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ATTENTION

Future Journalists/Lake Community Archivists

The Temagami Times needs reporters/columnists from all corners of the lake to share their experiences, events and/or lake history. We will print submissions, subject to the usual editorial review.

Students may want to contribute items as part of courses or to obtain community volunteer credits.



Linda Cain with the lake trout she caught in Cross Lake in late August. The fish weighed around 6 lbs. Photo by: Dave Cain.

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Speaking of Naden...

Our two Open Houses were well attended...was it Jim's ability with a BBQ that brought people in? Thank you Naden. Team members that made the sessions informative for our visitors. Everyone commented on the skill level and the pride exhibited as a result of being on the Naden Team.

There are six (6) pillars that make Naden a success: people, product, production, distribution network, finance and marketing. We believe we must be extraordinary in every part of our business. We must create and deliver outstanding customer value and experiences. Our brand must be clearly differentiated and we must achieve world-class operational efficiency.

Selection, pruning, training and performance expectation are key words. We at Naden have a highly trained group of people with diverse backgrounds. They know we expect to win the championship by producing Canada's Finest Aluminum Boat. Our predecessors designed a fantastic hull which is strong, requires less power to make it plane, is stable and cuts through waves very well. We in turn have added some leading edge technology to the mix...CNC router to cut and drill parts to exacting standards as well as powder coating which provides a finish that is more resistant to scuffing. We can also readily provide various colors to our dealers including the Naden Red, Naden Blue and now Naden Black. Please visit www.nadenboats.com to see our tag line entitled "All our boats are painted green even the red ones!".

Our dealer network includes some 30 dealers in Ontario and Quebec and will grow to 75 across Canada by the end of October. It was important to keep the right team members in the plant and it is equally as important to select the right dealers. Naden Capital Inc., a related company, will assist the dealers with Distribution Financing.

CHAPTER 6

What a summer! Thank you everyone for being part of it.

During the 5th Chapter I had outlined some management driven initiatives.

This edition will provide an update on those.

The Legend Boat vision was conceived around the idea of working with you to determine your specific needs in a craft and then to order exactly that boat package and to have it delivered here within two weeks. The last four deals were delivered exactly within that timeframe and many people both on this lake and others north of here are enjoying their new Legend boats.

I am pleased with the response to our new Top Shop. We repaired and fabricated many new enclosures during this inaugural season. Repairs were typically effected during the week prior to our customers returning and that timeliness seemed to please our clients. Thank you for your support in this area.

We installed new hard and software as previously outlined and we wish to thank you for your cooperation in helping us move the yardsticks of a company's lifeblood-ie the accounting for all activities and translation into cash.

The Temagami Marine Battery Recycling Program has had a great start. Tens and tens of batteries were turned in and we thank you for that. It is still time to do so and please let your neighbor know that this service is free to you; simply bring these in.

I know that many of you attended the TLA Event at the end of July. It was a Homecoming of sorts for many reasons including chatting with our friends and loyal supporters away from the marina as well as seeing half a dozen people drive to the event in their Naden boat. We had a new Naden available that day to shuttle people back and forth to their own boat anchored off shore since so many people came. Thank you Nick for having volunteered for this assignment and thank you to the Event organizers for giving us the opportunity to participate.

Finally the crafting and dissemination of the Naden message should be entrusted in the hands of experts in that field. There is much work to be completed in order to enhance the awareness of this great Canadian brand thus driving the demand at the dealer level. Social media and traditional formats are being explored for the best results.

I want to thank every person for their encouraging comments. Every one mentioned how important this initiative is for the Community. A dozen more families are contributing to the fabric of this area as a result of this employment. Some of them could be your neighbor.

Together we are creating an extraordinary future and I want to thank you for being part of it.

On behalf of our collective Temagami Marine and Temagami Boat Manufacturing team I wish you health and happiness this fall.

Respectfully yours,

Andre

