



TEMAGAMI TIMES

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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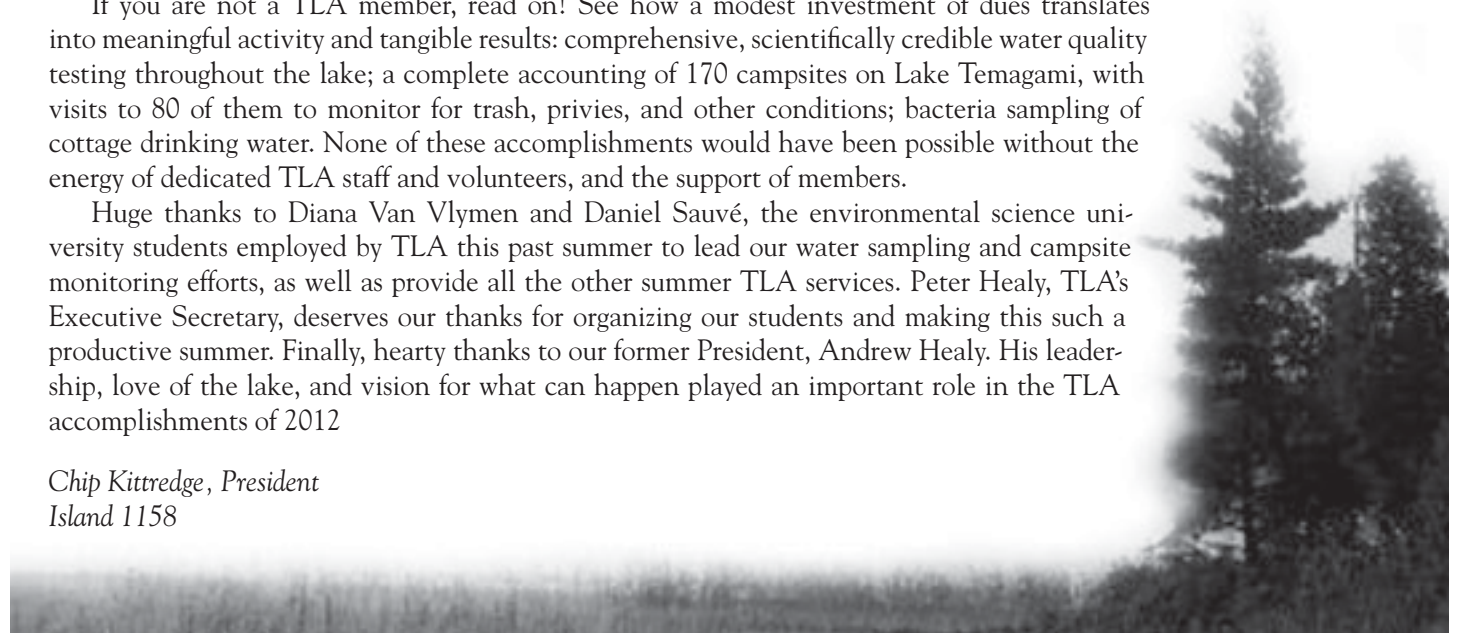
President's letter

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 Temagami 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 Healy. Champagne, freshly cooked Ontario sweet corn, 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. David and Pete are grateful for the help they received from the following lake residents:

Charlie Berube, Pete Calverley, 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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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



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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.

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.

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 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 $0.3 \mu\text{m}$, 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 µm activated carbon block and a 0.3 µm 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 easy to

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 Rainfresh™ 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 Systems™

(<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=1236097753569&lang=eng>

Council Shares a Vision for Temagami

continued from page 1

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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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

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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 backcountry 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 Anniversary 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 counsellors, 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, mu-

sical entertainment, display of artwork from prior years' campers and ferry service to and from the landing. All in all, a very memorable occasion!

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 lobbying 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

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

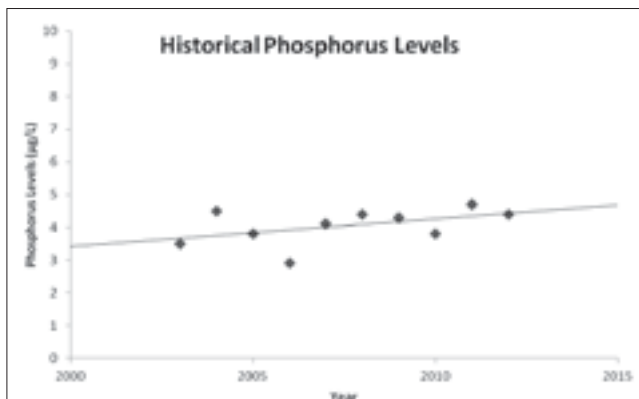
Temagami Island Trails Maintenance

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.

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

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.

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.)

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



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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, pharmacy, 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 opportunities 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.



The Temagami Healthy Living /Aging Program is funded by the Ontario Ministry of Tourism, Culture and Sport.



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MUNICIPAL UPDATE

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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