

# INSIDE THIS ISSUE

President's Report	1
Secretary's Report	2
Treasurer's Report	3
Roads' Report	3
Lakes' Report	4
Lake Reflections	6
Life at the Lake	9
Calendar of Events	10
Proxy Statement	10



"Time wasted at the lake is time well spent." - Unknown

www.crystalperchlakes.com

### Crystal Lake Perch Lake POA

A helping hand, compassionate heart; A sunny smile, each do our part; A kindly act, or worthy deed; A tolerant mind, a friend in need; A prayer each day, if these things done... We'll keep this "The livin'est Place Under The Sun! -- Unknown

### PRESIDENT'S REPORT – Marty Mulloy

A great deal has transpired since our Fall and Summer Membership meetings. Our Board member summaries are listed below highlighting each of the key issues, including:

- Purchase and Disposition of the Alitec this was a significant financial transaction for our Association. Our Alitec was over 21 years old, and we were allocating a significant amount of our Roads budget to its ongoing maintenance. The recently purchased pre-owned replacement is in much better condition and will serve our needs for years to come. Thanks to the unselfish contribution of our "Road Warriors" Rick Applegate, Dick Johnson, Chuck Hopkins and Terry Yamarino we have literally saved hundreds of thousands of dollars in road expenses over the past decades.
- CLPLPOA Special Assessment District (SAD) Judy Moskus provides an update on our SAD. We have made progress, but a great deal needs to be done before we achieve our objective to establish sustainable financial reserves to fight off invasive species and maintain the purity for our lakes. A Public Hearing of our SAD proposal has been tentatively scheduled by the Township for March 19, 2020. Township meetings start at 7pm. Your attendance is encouraged.
- Drain Commission SAD for Lake Weir A blast was sent out on February 3, 2020 providing an update on the Drain Commission Public Hearing which took place on January 23, 2020. The Weir is under the jurisdiction of the Hillsdale County Drain Commission. They ruled on the amount of money each lot will be assessed over the next three years. Thankfully, the vast majority of the assessed costs are for the implementation of the SAD (3 year period). It is anticipated the future assessments for the weir will be minimal.

### 2020 BOARD MEMBERS

#### PRESIDENT

Marty Mulloy mjpmulloy@gmail.com

### VICE PRESIDENT

Stan Kirkwood skirkwood@gmail.com

#### SECRETARY

Judy Moskus jamoskus@gmail.com

#### TREASURER

Mike King kingml8150@gmail.com

#### ROADS

Rick Applegate csa459@hotmail.com

### LAKES

Bob Conn rconn1315@aol.com

### AD-HOC

Kevin McMaster kevin.mcmaster@ge.com

## PRESIDENT'S REPORT, continued – Marty Mulloy

I hope to see as many of you as possible at the April 4, 2020 Spring Membership Meeting at the Township Hall at 10:00 am. Please come at 9:30 for coffee and doughnuts (we still need volunteers to set up early for the April 4<sup>th</sup> and July 11<sup>th</sup> Membership Meetings – please contact me at mjpmulloy@gmail.com if you are able to assist).

Have a safe winter until the temperatures rise and those glorious blue skies return to our lakes!

### SECRETARY'S REPORT – Judy Moskus

We have just completed another step in the long journey to get our SAD in place for reliable and equitable lake management funding. As was mentioned in the Board's last email updating all of you on this process, we are certainly winning some battles here, but the war is long. **Your continued involvement in this process is more important than ever.** 

The township board approved a resolution at its meeting on February 20, 2020 authorizing the next step in the SAD process as outlined by statute, namely the first public hearing. This hearing is critical. It is the time that the proposed SAD is either approved or rejected. Four of the five trustees voted in favor of this resolution, but of significance is the fact that one of the trustees voted against it. Thus, there is some skepticism among the members about the need for this, making our shows of support all the more meaningful.

The first public hearing for the proposed SAD will take place on <u>March 19, 2020</u> <u>at 7 PM.</u> Unfortunately, this meeting will be a part of the regular board of trustees meeting, so I cannot guarantee what time our hearing will actually take place. As many of us as possible should attend this meeting. Again, the voices heard at this first meeting – whether in support or conversely in opposition to this concept – will determine whether the board wishes to take the next step and authorize the formation of the SAD.

If you cannot attend the meeting in person, please, please, please send something by email or regular mail to the board members expressing your support for the SAD. For those of you in the area, consider a personal visit with one or more of the trustees. Without this sort of effort, there is a distinct possibility that voices in opposition could carry the day.

David Pumfrey, Trustee	trustee@somsersettownship.org
Michael Bohnet, Clerk	clerk@somsersettownship.org
Michelle Gramm, Treasurer	treasurer@somersettownship.org
Tim Shaw, Supervisor	supervisor@somersettownship.org
Steve Meckley, Trustee	trusteesteve@somersettownship.org

Township of Somerset PO Box 69 ~ 12715 E Chicago Road Somerset Center, MI 49282

## TREASURER'S REPORT – Mike King

We sent out invoices for dues this year via member's email addresses. This was done in an effort to see if we could save the time and expense of stuffing 154 envelopes. We have had 93 members pay their dues to date. I want to thank all who have responded. I will be sending reminder notices by postal mail next week for those members who are not current. The outstanding amount of dues is \$10,525.

Our savings account presently has \$26,438 which is lower do to our recent purchase of the replacement grader. Our checking account presently has a balance of \$35,023.

Once again, thank you to all who have paid their dues.

### ROADS' REPORT – Rick Applegate

In early December 2019, we purchased a used maintainer (PSI 413 XT) for \$32,000. This grader has less than 1200 hours, and the fact that the maintainer had low hours and was very clean prompted our purchase. Thank you to Terry Yamarino for his diligent searching in locating this grader for sale. With numerous phone calls, we were successful in selling the Alitec to Precision Lawn Care for the sum of \$9500. Thanks to Dick Johnson, Marty Mulloy, Chuck Hopkins and Terry Yamarino for making this a group effort on these transactions.

The compost site is for all Perch and Crystal Lake residents only! This area can become a bit of a mess with the rain, but please do your best to dump leaves and small branches so not to obstruct the entrance. Thank you for only using our compost to dump leaves and small branches.

Dust Control is reliant on the weather, but May is when we typically spray the first application.

Roadside mowing will take place this summer along with tree trimming and brush clearing. This is the perfect time of year for homeowners to help us keep the roadsides clear of bottles and cans. If you are out walking or hiking, please take the time to remove any trash or foreign material along our roadways or in the lakes. We could accomplish this cleanup with a few people recruiting members, as an example, to take care of the west side of Crystal Lake, a few from the north to do the same for their side, so on and so forth for both Perch and Crystal Lakes.

The volunteers helping out on road work are Terry Yamarino, Chuck Hopkins, Dick Johnson, Tom Leiblein, Glen Griner, and Tim Ostroskey. I appreciate the help I receive from these volunteers and I hope you do as well.

Thank you for being kind and courteous to us Road Guys!

# LAKES' REPORT - Bob Conn

Hello, everyone. Spring is not far off at the lake! We have had a very cold and wet spring with the lake levels reaching heights not seen in the past 6 to 9 years. With all that runoff, our due diligence is needed to help prevent algae blooms. Following are measures we can take to help.

### What Is Nutrient Pollution?

The term nutrient refers to sources of nourishment supporting organism growth. In the context of water pollution, nutrients generally consist of phosphorus and nitrogen which algae and aquatic plants use to grow and proliferate. Nitrogen is present in abundance in the atmosphere, but not in a form that is available to most living things. When nitrogen is in the form of ammonia, nitrite, or nitrate, however, it can be used by many bacteria, algae, and plants. Generally, it is the overabundance of nitrates that causes environmental problems.

### What Causes Nutrient Pollution?

- Some common agricultural practices lead to excess nutrients in water bodies. Phosphorus and
  nitrates are important components of the fertilizers used in agricultural fields they are present
  in both synthetic fertilizers and natural ones like manures. If the crops do not pick up all of the
  fertilizer applied, or if rain has a chance to wash it away before they are absorbed by plants, the
  excess fertilizer is flushed into streams. Another major source of nutrients also comes from the
  way agricultural fields are only used seasonally. Most crops are present in the fields over a
  relatively short growing season, and the rest of the year the soil is left exposed to the elements.
  Meanwhile soil bacteria is feasting on decaying roots and plant debris, releasing nitrates. Not
  only do bare fields cause sediment pollution, but this practice allows the massive release and
  washing away of nitrates.
- Sewage can carry nutrients to streams and water. Septic systems, especially if older or improperly maintained, can leak into streams or lakes. Households connected to municipal sewer systems also contribute to nutrient pollution. Wastewater treatment plants sometimes function improperly, and are periodically overwhelmed during heavy rain events, and release sewage into rivers.
- Stormwater: rain falling in urban or suburban areas picks up nutrients from lawn fertilizer, pet waste, and various detergents (for example, the soap used to wash one's car in the driveway). The stormwater is then canalized into municipal drainage systems and released into streams and rivers, loaded with phosphorus and nitrogen.
- Burning fossil fuels release nitrogen oxides and ammonia into the air, and when those are deposited in water, they can contribute significantly to the excess nutrient problem. Most problematic are coal-fired power plants and gas or diesel-powered vehicles.

Some helpful practices include:

- Cover crops and no-till farming protect agricultural fields and mobilize nutrients. The cover plants die out in winter, and the following growing season they give back those nutrients to the new crop.
- Maintaining well vegetated buffers around lawns and next to streams allows plants to filter out nutrients before they enter the water.

### LAKES' REPORT, continued - Bob Conn

- Keep septic systems in good working order and conduct regular inspections.
- Consider your nutrient inputs from soaps and detergents, and reducing their use whenever possible.
- In your yard, slow the water runoff and allow it to be filtered by plants and soil. To accomplish this, establish rain gardens, keep drainage ditches well vegetated, and use rain barrels to harvest roof runoff.
- Consider using pervious pavement in your driveway. These surfaces are designed to let water percolate into the soil below, reducing runoff.

As discussed last year, we will be conducting Copper Sulfate heavy metal build up testing on our lake bottoms. I have restricted the use of Copper Sulfate-based products for exactly this reason as they are just a quick fix with potential harmful long term impacts. I will be sending out the treatment schedule once received from PLM. Those dates may fluctuate based on weather conditions. The more we treat, the more weeds we kill, the more we increase decaying matter, the more potential we have to feed the algae blooms in very warm weather. Please do not hesitate to let me know if or when you see any algae blooms. The individual lot spraying is now handled via lot owner to PLM using the form at the end of this publication.

We will be adding 40,000 Fathead minnow this year for organic control. Please stay off the fishing beds during the spawn as the buoy area on Crystal is a designated safe haven for fish spawning. Please ensure that your water craft have your lot number on them, and we expect the county Sheriff this year to monitor motor boats for tags. Please expect weed growth to be very heavy this year as we have had very little ice to prevent sunlight penetration. This will lead to increased weed treatment, weed die off, then potential algae blooms. Have a great and safe summer at the lake!

# FOUNDATION

The Foundation has sent out requests for donations for the coming year. Please take the time to send in your donations. Let's see if we can beat our usual 60% participation rate this year. Encourage your neighbors to donate!

We are looking forward to the transition when the Special Assessment District takes over collecting for lake treatment. We will be able to become more active in promoting shoreline stewardship, fish stocking and fishing education, septic health education and other projects that will enhance the beauty and health of our lakes. We are always looking for new ideas and for volunteers to join the Foundation.

## LAKE REFLECTIONS - Gedy Love

This is the third newsletter edition of Gedy's recollections of our beautiful lakes and the rich history of the residents that have lived here over the many years. If you have a question that you would like answered or a topic you would like covered, please send an email to drgedy@frontiernet.net. We thank Gedy for her generous contribution to our lake community over the years.

Our beautiful Crystal Lake and Perch Lake have had a long and eventful path to the well-balanced ecosystems that we value so much today. Here is a condensed history of the origins of our Lake Preservation program.

During the CLPL Association meetings, complaints about the deterioration of the lakes were more and more frequent beginning in 1972. The aquatic plants were growing out of control. What was once an enjoyable and fast sail across the lake became a struggle, so much so, that the sail boats were stopped dead in the water by the abundance of plants entangled in the rudders and centerboard. Oars and paddles pulled up weeds with every stroke. Electric motors were so entangled in weeds that it became useless to use them. Paddle boats were so entangled in plants that they could not be used either. Fishing equipment became entangled in plants. If a swimmer wanted to swim any distance, he or she would be battling the plants as they wrapped around arms and legs. Enjoyment of the lakes became very difficult.

We were at a crisis stage and it was time for action. In 1975, the decision was made by the membership to treat the nuisance plants in Crystal Lake with a chemical (diquat, a contact herbicide, which means that the leaves were killed, but not the roots). Some of the members decided to buy the chemical and treat the lake themselves. Unfortunately, they did not do a lake study nor know how to treat the weeds properly. This was not the appropriate herbicide or application process, and an algaecide was not applied as follow up, which is necessary to avoid algae bloom. Initially fishing seemed to improve; however, there was an extensive algae bloom that compromised water clarity and eventually caused a significant fish kill due to lack of oxygen in the shallow waters. The Association decided that this treatment was a failure and, as you can imagine, negative opinions were voiced. This made the idea of further lake treatments a very difficult process to say the least.

The quality of the lakes continued their deterioration. The scientific term is "eutrophication." Mother Nature likes to fill in lakes with vegetation, and she was very active at Crystal Lake and Perch Lake. Both lakes were losing surface acres due to this process.

Prior to the 1970's, the lakes had very few lily pads and no sign of Eurasian watermilfoil or purple loosestrife. The heaviest nuisance plant population was pond weed in the shallower parts of each lake. Little North Crystal was open and navigable. When the original culvert to the island (north side of Crystal Lake) was in place, we could row our boats through the culvert and around the island, back to the main part of Crystal Lake.

Perch Lake was not included in that original lake treatment, although it is the shallower lake and was in more critical condition due to the overgrowth of aquatic plants. By 1983, the Michigan Department of Natural Resources declared Perch Lake to be a "dead lake in three years" if nothing was done to help it.

From 1977 to 1986, the crisis continued and complaints escalated. As one of the persistent voices, I was nominated to be on the board in 1977, and I accepted and remained on for the next 30 years. Change doesn't happen quickly here. After my persistent requests and complaints, and those of many

### LAKE REFLECTIONS, continued – Gedy Love

others, the Lake Preservation Committee was formed. I chose the name to reflect its long term goals. I also insisted that Crystal Lake and Perch Lake were to be treated with equal attention and appropriate treatments. I began a lake study, approved in 1985 by the remaining members on the Board of Directors.

Membership on the Lake Preservation Committee was extended to all property owners, especially those whose property abutted the lakes. Those in favor of Lake Preservation and those against it were invited to meet around my dining room table. We invited local farmers to discuss run-off and chemicals. We included the property owners on Lewis Drive, since they share our Perch Lake too. Some of the meetings went very well while others were quite animated. Agreements were sometimes reached by consensus and sometimes by vote.

At the time, the board was made up of six members. After a few dead-locked votes occurred, I proposed that we make the board seven members and this was approved by the association membership. At the time, we had one Association meeting per year: the summer meeting and picnic. I proposed that we add an autumn meeting and a spring meeting to provide more current information for the membership and to take the time pressure off of the summer meeting, as this meeting was taking three to four hours. This proposal was approved by the board and the Association and we continue to have three meetings per year now.

Research and planning began and the options ranged from: chemical treatment, mechanical treatment, other treatments (dyes, aerators, manual labor, draw down, barriers, white amur, dredging, etc.), to no treatment at all.

Because of the nature of the nuisance plants, careful use of specialized chemicals was our first recommendation. Unfortunately, Eurasian watermilfoil had inundated both lakes and required a systemic herbicide. This plant was exotic, not native to Michigan, so it had no natural enemies. The chemical we used mimicked a plant hormone, accelerating plant growth, resulting in the systemic death of the plant. Treating with a contact herbicide killed only the foliage, and the plant could continue to grow. Mechanical harvesting and manual weeding did not work because each part cut off could root itself and cause more plants to grow and spread; and as we discovered when we tried mechanical harvesting, numerous fish, turtles, and frogs were killed in the process. A draw down of the waters would not work as frost only extends six feet, and the root system of the milfoil can extend more that twelve feet. Use of the white amur or Asian carp was illegal in Michigan and has been shown to be a terrible nuisance in Chicago and the Great Lakes by disrupting fish nests, polluting the waters, and damaging habitat.

Dyes are not opaque enough to inhibit weed growth, and the manufacturer warned that we could look like Smurfs when we came out of the water. Aerators are good for oxygenating the water, but they do not kill weeds or algae.

Research included many seminars at Michigan State University, the Michigan Plant Managers Association, the Midwest Aquatic Plant Managers Association, the National Aquatic Plant Managers Association, Michigan Lakes and Streams, etc. Numerous consultants were brought in from the Cooperative Extension Service, Fisheries Biologists, Marine Biologists, and Aquatic Biologists from the Inland Lake Management Unit, Hillsdale Health Department, Wildlife Habitat Biologists, Industrial Hygienists, a Limnologist, a Lakes Researcher, the Hillsdale County Soil Conservation Department, and others from the University of Michigan, the EPA, Dow Chemical, etc.

### LAKE REFLECTIONS, continued – Gedy Love

The Lake Preservation Committee interviewed several lake management firms, and decided to hire Aquatic Nuisance Plant Control, Dick Hinterman. This company had the reputation of the best treatment specialists in the eastern United States. They conducted an appropriate lake study and initiated a conservative and very effective treatment program. They made many trips to Crystal Lake and Perch Lake. They attended our association meetings and provided lots of information so we could make effective decisions. They responded to my numerous phone calls with professionalism and patience.

We had a very active opposition group on the lakes. They represented less than 20% of the membership, but they were insistent and persistent. Some came to my home to threaten me (several times), some threatened to sue me, some attacked me in restaurants, and some tried to beat up my husband. The most difficult situation was when my infant son was put into danger by an angry opposition member. My young son was with his father, who was using his own tractor to grade the roads. I will always be grateful to the neighbors who stopped the situation. Sometimes loud language and verbal attacks happened at the meetings. It was a turbulent time at CLPLPOA!

I had one member of the opposition group threaten to shoot us when we treated Perch Lake, so we asked the Somerset Center Police Chief, Clarence Perry, to join us on treatment days. Fortunately, it was only a threat, and the treatment days were uneventful.

Because of the opposition members, the CLPLPOA membership agreed to make the contributions to Lake Preservation a voluntary process. We also agreed to keep Lake Preservation funds separate from the road dues in separate accounts. This was to make sure that the road dues would not pay for any lake treatments. Whether I was the treasurer or someone else was, the opposition members made sure those funds were not comingled. Luckily, I was always able to collect enough contributions every year to pay for the lake treatments. I called people on the phone, and I visited their homes. Most were very supportive, very helpful, and very generous.

More active than the opposition group was a strong and focused Lake Preservation group. Doreen Burm, Cheryl Coury, Glenn and MaryAnn Susor, Bob and Marge Lieblein, Mary Stubli, Chuck and Roxana Hopkins, Verna Kobish, John Buekers, Dave Bosio, Diane Matsumoto, Iris Lancaster, Guy and Brenda Braun, Judy Moskus, and *so many more* were active champions for the program. Their unwavering support, consistent donations, and fierce love for Crystal Lake and Perch Lake have made the Lake Preservation program so strong and so successful over the years.

An ongoing education process continued through newsletters of the Lake Association, meetings, seminars for the membership, personal visits, and informal meetings. I answered every question and complaint any day, any time. I encouraged outside experts to validate the work of the Lake Preservation Committee. Several studies were conducted by outside entities such as Michigan State University, science classes at Addison Schools, the Michigan Department of Agriculture, and the Department of Natural Resources.

As the exotic plant species were removed from the lakes, we were able to purchase weed cutters and had one at each lake. Specialized training was required to use these, and many took advantage of the cutters.

By 1992, the results of the past years of balanced treatments, appropriate fish stocking, and membership education, were reported by Dr. Don Garling of Michigan State University. He found both

## LAKE REFLECTIONS, continued – Gedy Love

Crystal Lake and Perch Lake to be in excellent condition. He recommended that we continue the weed treatment on both lakes so they remain managed and balanced.

I escorted a representative from the Department of Natural Resources around Crystal Lake one Fourth of July, and his evaluation was that Crystal Lake was "pristine." What a great compliment to our team and our Association!

As the years have progressed, Lake Preservation has gained in priority. Tom and Grace Lieblein, Carolyn Driscoll, Dave and Nancy VanDerworp, and many others were able to make our Lake Preservation program a conservancy and a 501-3c. This group has continued the great work we started. They continue the research work, the annual lake studies, the prudent treatments, habitat management for our aquatic creatures, fundraising, education, and fellowship.

At the 2019 Association meeting, the members voted overwhelmingly to start the process of making Crystal Lake and Perch Lake a Special Assessment District for Lake Preservation.

This has been an amazing evolution of success as we move to the next stages of preserving and protecting our pristine lakes for our children and grandchildren, and for our own enjoyment! May we always protect and care for Crystal Lake and Perch Lake. As one visitor who came to our lakes declared, "this is paradise!" and so it is!

# LIFE AT THE LAKE

The Fourth Annual **Kids Fishing Day** will be held on May 23, 2020 from 10:30am to 12:30pm. Last year approximately 20 boys and girls participated in an experimental day to learn about the fish in our lakes, catch a variety of fish, enjoy nature, win prizes, share a delicious lunch, and make new friends. Once again, we would like to thank Nancy and Dave Vanderworp for opening their home and hosting the event. Additionally, thank you to Rick Applegate, Jeff Greep, Dick Johnson and Dave Vanderworp for volunteering to coordinate this event. Please check our lakes' website: crystalperchlakes.com for photos from past year Kids Fishing Day.

Our Lake community is sponsoring our Fourth Annual **Carp Harvesting Contest** from April 25<sup>th</sup> – June 6<sup>th</sup> (dates may change depending on water temperatures). Participants are awarded \$10 per carp and \$50 for the heaviest carp (Dave Mandernack caught 21.2 pound carp last year), with the total winnings capped at \$750. As you may be aware, an over abundance of carp can devastate our lakes' vibrant and diverse fish population. Left unabated, carp could eventually be the lone species in our lakes. We started the carp harvesting initiative to protect our native species of bass and panfish. Over the past few years, we have averaged 35 carp per season – one large female carp can lay up to 300,000 eggs! Lastly, our goal is to minimize the expense of fish stocking. It is far better for the fish and more economical for them to reproduce in their natural habitats. The best way to achieve this objective is to provide a healthy lake with a minimum of carp destroying their fish beds.

At our April 4<sup>th</sup> meeting, we will have a guest speaker, J. Paul Swartz. He graduated with a BS in Forestry from MSU in 1974, worked in residential and municipal urban forestry field for 15 years before becoming the Campus Arborist for Michigan State University in 1989 where he maintained over 24,000 trees on over 2000 acres. He also spoke at many professional conferences on how to protect trees in construction zones, proper planting techniques and other urban forestry related topics. He will make a presentation and be available to answer any questions.

## CALENDAR OF EVENTS

**Somerset Township Special Assessment Meeting (SAD) Public Hearing** – March 19, 2020 at the Township Hall. Township meeting begins at 7:00 pm.

**Spring Meeting** – April 4, 2020 from 10:00 to 12 noon (coffee and doughnuts at 9:30)

Summer Meeting – July 11, 2020 from 10:00 to 12 noon (coffee and doughnuts at 9:30)

Lakes Picnic at McCourtie Park (including pavilion) – July 25, 2020 from 12 noon to 4:00

All lake meetings will be held at the Somerset Township Meeting Room. Coffee and donuts will be available at 9:30 with the meeting beginning promptly at 10:00.

Please refer to our website at www.crystalperchlakes.com to keep yourself up to date on all matters concerning our lake community.



### Proxy Statement – April 4, 2020

I, the undersigned, a member of good standing of the Crystal Lake – Perch Lake Property Owner's Association, revoking all prior proxies, do appoint

Name of Proxy: \_\_\_\_\_

as proxy to represent the undersigned at the meeting for the Members of the CLPLPOA for the above date and all adjournments thereof and to vote on all matters properly coming before the meeting.

Property Owner: \_\_\_\_\_

Lot Number:

Date: \_\_\_\_\_

For those that wish to participate in individual lot treatment, please complete the following form. If you have any questions, please contact PLM directly. Thank you!



10785 BENNET DRIVE MORRICE, MICHIGAN 48857 (800) 382-4434 FAX: (517) 913-6233 www.plmcorp.net

#### Crystal & Perch Lake Property Owners,

PLM Lake & Land Management Corp. will offer a supplementary herbicide and algaecide treatments for Crystal & Perch Lake property owners for the 2020 season. Please note that this is a supplementary program to the lake-wide management program. The lake-wide program may not be able to fund all exotic and all nuisance native species found in shoreline residential areas, however the lake-wide program will target as many of them as possible. If you would like to participate in the supplementary treatment program, please fill out the below sign up form and return along with payment.

The treatment program will consist of 1 lily pad or additional weed treatments performed either in conjunction, or in addition to other lake treatments. The cost will be \$150.00 per household to the 5 foot depth counter or ~100 feet out from shore whichever comes first.

The products applied are based on the type and amount of nuisance vegetation present at the time of treatment. The supplementary program does include emergent (cattails, lily pads), and will target as many submersed plants as possible. Watershield treatments are not guaranteed due to its lack of susceptibility to common herbicides.

We encourage getting neighbors involved. Treating consecutive properties will increase the effectiveness of treatments. If treatment results are not to your satisfaction you must call our office within 20 days following treatment.

For property owners who would like supplemental treatments in 2020, please read the below consent form, sign and return it with payment to our office by May 1st, 2020.

Follow the directions below and submit with check or you may call in credit card information. For further information, please contact our office @ 1-800-382-4434

Please Detach Below

#### Return to: PLM Lake & Land Management Corp., 10785 Bennett Drive, Morrice, MI. 48857

#### Crystal & Perch Lake - Request for Supplemental Treatment 2020

I hereby request PLM Lake & Land Management Corp. to provide supplemental treatment for my lake frontage for nuisance aquatic weed and algae growth. Please select either emergent or nuisance submerged below.

Lake Name: Crystal & Perch Lake			
1. \$150.00 per lot <b>Emo</b> 2. Your Name	5	sance Submerged	
3. Your Signature			
7. Lake Address	City	StateZip	
8. Date//			
9. Color of house on lake side			