



**WINTER
2007-08**



THE 'SHED SHEET

Chautauqua Watershed Conservancy

CWC RECEIVES LAND DONATION



The Chautauqua Watershed Conservancy recently received a **donation of land** from area resident and business owner **Thom Shagla**. The one-acre parcel, located at the corner of Fluvanna Avenue and Old Fluvanna Road in Jamestown, NY, is a wetland stream corridor and wildlife habitat for animals such as wood ducks. It also serves as an example of the stream corridor sites CWC seeks to preserve in order to enhance the water quality of Chautauqua Lake. Many, many thanks go out to Thom for his generosity!

Left: Thom Shagla and John Jablonski at the Fluvanna Avenue parcel.

TEN-STORY LAKESHORE HOTEL PROPOSED!

John McGraw was back before the Town Board of North Harmony in January regarding his hotel/condominium/conference center proposal for the former Bootey property on Chautauqua Lake (north of Stow). The project site borders the north side of Tom's Point State Wildlife Management Area. Mr. McGraw requested a zoning change to allow a ten-story development, and, consequently, the town board has initiated a feasibility study to create a sewer district connecting his proposed development and other properties to the Chautauqua Lake South and Center Sewer District.

The **proposal raises a multitude of environmental concerns**, and CWC Executive Director John Jablonski has twice met with Mr. McGraw to discuss how the project could be designed to minimize impacts to the lake and watershed. A ten-story hotel and commercial complex extending back to Route 394 may have negative impacts on the wildlife and fisheries habitat values at the Wildlife Management Area and lake. A ten-story structure would also change the rural and village characteristics of Chautauqua Lake. The current zoning allows for a hotel of 2½ stories maximum by special permit. What height is reasonable? What would the visual impacts of this development be? What will the impacts be on neighboring lake residents? What degree of boater traffic congestion and pollution impacts would there be? Would pollution control benefits of extending public sewers be offset by increased gas and oil, storm water pollution, erosion and sediment impacts to the lake? This project may have implications that affect the entire lake community. In what kind of lake environment do you want to live in and recreate in ten years from now? It is extremely important that this town, your town and our county governments know whether or not you think this scale of development is appropriate and whether or not it is appropriate for *(continued on page 3)*

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Watershed
Conservancy

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Founded in 1990, the Chautauqua Watershed Conservancy is a non-profit organization under Section 501(c)(3) of the Federal Tax Code whose mission is to preserve and enhance the water quality, scenic beauty and ecological health of the lakes, streams and watersheds of the Chautauqua region. The CWC is the *only* organization in the Chautauqua region working to promote best land management practices and to conserve local, undeveloped shoreline and wetland areas in perpetuity. All donations to the CWC are tax-deductible to the full extent of the law and any and all donations are greatly appreciated. *The 'Shed Sheet* is a quarterly publication of the Chautauqua Watershed Conservancy and is issued in January, April, July and October.

A Message from the President

by Arthur D. Webster



Dear Members and Friends of the CWC,

As many of you know, CWC is an active participant in the activities of the Chautauqua Lake Management Commission (CLMC), which was formed by the Chautauqua County Legislature almost three years ago for the purpose of bringing together all of the organizations attempting to address the issues facing Chautauqua Lake and its watershed.

Last fall, the CLMC sponsored a "Watershed and Weeds Week," which consisted of two meetings attended by more than 200 citizens of Chautauqua County. The purpose of those meetings was to gather public input on a wide range of action options for addressing the weed, nutrient loading, and sedimentation problems of Chautauqua Lake. That input will guide the work of the CLMC and is also helpful to the CWC. Among the many interesting and important discussions of "Watershed and Weeds Week" was the topic...

Chautauqua Lake wants to be a swamp.

The meaning of this statement is that powerful natural forces are at work to reduce Chautauqua Lake from the beautiful lake it is today to a swamp in the perhaps not-so-distant future. Scientists are reasonably certain that our lake was formed some 16,000 years ago during the last ice age. Scientists are also reasonably sure that lakes like ours have a limited lifespan. They don't last forever, and they are really quite "temporary" geological features. Some lakes last longer than others due to factors such as water depth and composition of the soil and sediments in the surrounding watershed. The life cycle of a lake is to move from being a lake toward being a swamp or marsh, then to becoming a meadow, and then eventually perhaps a forest.

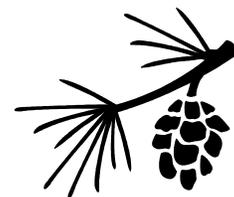
Two natural factors will affect the lifespan of Chautauqua Lake. First, Chautauqua is a relatively shallow lake, compared to say the Finger Lakes, which were also created by glaciers. The average depth of the Finger Lakes is measured in hundreds of feet. In Chautauqua Lake, the average depth of the southern basin is only 11 feet, and the average depth of the northern basin is 26 feet. The maximum depth is 82 feet, located between Mission Meadows and the Bell Tower. Second, the soil and sediments in the Chautauqua Watershed are mainly glacial deposits which are loosely compacted and are subject to the forces of gravity and erosion. Combine the relative shallowness of the lake with the loosely compacted sediments in the watershed, throw in the forces of gravity and erosion, and you have the ingredients which will determine the future lifespan of Chautauqua Lake. On a natural level, our lake will probably not last as long as the Finger Lakes. Powerful natural forces are at work on our lake and watershed.

But we don't have to hurry the process along, which is what we are doing by our neglect, misuse, and abuse of the lake and its watershed.

(continued on page 4)

A Message from the Executive Director

by John Jablonski III



Shoreline Habitat Loss—An Urgent Situation

The Conservancy is seeking to conserve over 1,000 feet of lakeshore at three sites within the next twelve months, and all of these sites require prompt action to avoid losing more valuable waterfront nutrient and storm water filtration and waterfront habitats important to game fish, waterfowl and wildlife. But CWC needs your help **RIGHT NOW** to save these sites! Sadly, three other sites the CWC had wanted to conserve have been privately purchased in the last couple of years, and two of these “lost” sites were excavated, crippling their water storage and filtration functions and destroying habitat for waterfowl, kingfishers, mink, beavers, turtles, frogs and fish.

From ecological and water quality perspectives, Chautauqua Lake is seriously over-developed, and therefore, we must contend with an impaired lake from the impacts of that development. Do we keep making it worse? Or do we, as a community, decide that enough is enough and turn in a positive direction from this day forward?

So what can we do? First, we must conserve as much of the remaining undeveloped shoreline as possible. Second, we must begin a lake-wide shoreline lakescaping (vegetative buffer) restoration initiative. And, third, we must apply this conservation/restoration approach to every tributary and every headwater stream. You can help take that first step by...

Helping the Conservancy launch its “**Last Mile**” *Shoreline Conservation Campaign!* We need generous participants who will collectively help raise the thousands of dollars to purchase and **conserve Chautauqua Lake’s remaining 10% of undeveloped shoreline sites** and who will recruit others to do the same. It is troubling to see these sites lost, and **it is up to YOU** to help us package the resources to act quickly! Lose these sites and we lose more fish, birds and other creatures that make the lake valuable as human habitat!

The best approach to the lake’s problems lies in a multi-prong approach to conserve the ecological and hydrological systems that still are in place and functioning and to enhance or restore as best as possible the watershed components and systems that have been broken by human activities. Fundamental to this is that a “built” shoreline of lawns and breakwalls is a broken element in the system. Roughly 90% of the lake’s shoreline system is now a broken, non-functioning component, contributing to the pollution and sedimentation of the lake rather than filtering its waters. **More than 1.5 miles of healthy shoreline have been lost in the past fourteen years!** Of the 10% still intact, 7% has been conserved by New York State and the Chautauqua Watershed Conservancy. Many of the parcels comprising the remaining 3% are on the market, have just been sold or have just been destroyed by excavation. With lake sediment, nutrient, plant and algae conditions in some areas of Chautauqua Lake worse than ever this past summer and fall, we cannot afford to lose another yard of natural shoreline! We need it to keep protecting the land from the action of the water and to keep protecting the water from the nutrients and sediments coming into it from the land.

CWC needs your participation – by providing membership support (any size contribution helps) and by helping to raise the capital to conserve Chautauqua Lake’s last remaining undeveloped sites. Please call me at 664-2166 or any one our directors to get involved today! 

John Jablonski III

Hotel Proposal continued...

any public dollars to be spent to enable this development. Please participate in the process of government. The Town Board’s upcoming meetings will be held at 8:00 PM on February 11th and March 10th. The Town Planning Board is expected to take up the zoning change request at its meeting on Tuesday, February 12th at 7:00 p.m. and possibly again on March 11th at 7:00 p.m. at the Town Hall. To verify meeting dates and times and/or obtain additional information, please call the Town Hall at 716-789-3445 or visit their website at www.townofnorthharmony.com.





Kayak For A Cause Update

As you know from the last two issues of *The 'Shed Sheet*, CWC member Subagh Khalsa recently embarked on a physical and spiritual journey by kayaking from New York all the way to Louisiana to help raise awareness and funds for the Chautauqua Watershed Conservancy's efforts to preserve Chautauqua area waterways and for Habitat for Humanity's efforts to re-build hurricane-ravaged New Orleans.

Subagh began his journey from Chautauqua Institution on August 29th and, seven and a half weeks later, arrived in Louisiana. He encountered many physical and mental challenges along the way as well as many scenes of great natural beauty and of nature degraded by pollution and neglect. In his words, "we have power, we humans, to act for good or ill," and each of us needs to examine our own relationship with the lake and watershed and how our behavior is related to "the natural beauty that is at risk when we don't make wise choices." Read more about Subagh's journey in his own words by going to <http://kayaktrip.wordpress.com>. and clicking on "log."

CWC would like to extend a very special thank you to Subagh for his incredible and inspirational undertaking as well as to the following people who donated to the CWC in honor of Subagh's journey:

- | | | |
|---------------------------|--------------------------|---------------------|
| Paul Bloom | Norman & Nancy Karp | Lois Reid |
| Thomas & Kathleen Clingan | Martin & Eileen Leinwand | J. Peter Schuerholz |
| Laura Damon | Robert & Carol McKiernan | Joan Aspell Smith |
| Donald F. Davis | Cynthia Norton | Samuel & Lynn Stahl |
| Robert & Marjorie Gingell | Avrom & Janet Posner | Sue Tebor |
| Fred & Judy Gregory | Jeffrey Posner | Branwen Wright |



President's Message continued...

This is why the mission of the CWC is so urgent! We simply must continue our major push to conserve the undeveloped land around the lakeshore to help filter runoff before it enters the lake. If you own lakefront property, consider creating a buffer zone of natural plants and grasses at your waterfront. If you must fertilize and use herbicides, don't use them close to the water. We must also continue to educate our citizens about the dangers of phosphates, nitrates, and other nutrients entering the groundwater and the lake itself. Just changing your dishwasher detergent to one that is phosphate-free can help. Our public officials need to be motivated to follow existing regulations to prevent sediment loading of the lake from highway ditches and road construction. Silt fences are easy to construct and inexpensive, and they are effective in retaining much of the sediment which would otherwise find its way into the lake. Developers and landscapers who strip land of all vegetation down to the water's edge need to take a look at how they contribute to these problems in the lake. What they are doing is not only harmful but also an eyesore. They, of all people, should know better.

This isn't rocket science, folks! In most cases we simply need to take a common sense approach to development around a body of water and realize just how fragile that body of water really is! The more I am involved with the CWC and CLMC, the more I am convinced that what is wrong with the lake is caused by careless treatment of the watershed. And with some effort, much of what has been done wrongly in the past can be rectified and prevented in the future.

Indeed, CWC's mission is urgent. But you have a staff and a board that is committed to that mission, and we appreciate *all* of your support and involvement.




Volunteer On The Move Update

As you know from the Winter 2006-07 edition of *The 'Shed Sheet*, Sara Lampo and her companion Kurt Litzau embarked on a multi-state thru-hike to raise money for the Chautauqua Watershed Conservancy and the West Virginia Rivers Coalition. They have since completed their journey, and the CWC would like to give Sara and Kurt an extra special thank you for their extraordinary efforts as well as thank all those who donated to the CWC in their honor:

Kurt Anderson	Barbara Jennings	John & Mary Ellen Owens
Shelton Cannon	Jay & MaryGrace Jennings	Adam Piede
Doug & Dana Carlson	Steve Johnson	Nancy Pietrosewicz
Mark & Christine Danielson	Jim & Lisa Johnson	Stephen & Wendie Raynor
Van & Sandy Ecklund	Sean Kilmartin	Ryan Saunders
Tracy & David Egan	Kathryn Lambert	Jaclin & Dan Scalise
Catherine Faulk	Michael & Allison Lampo	Michael Schaefer
Jason & Michelle Faulk	A. Leonard & Susan Lampo	Randy Sitler
John Findlay	Barbara MacNemar	Wendy & Dick Stout
Bob & Marian Gibbon	Terry & Susan Mattocks	Doug Swanson
Gary & Grace Gisslin	Pennie McChesney	Sandy Swanson
Jim & Joanne Gordon	Becky McClintock	Theodore & Karen Till
Joyce Hagberg	Jan Domingo Naval	David Wilson
Sherry Hijioka		



Hiking the PCT

by Sara Lampo

Kurt Litzau and I completed our Pacific Crest Trail (PCT) thru-hike!! The PCT spans 2,650 miles from Mexico to Canada and winds along the spine of several mountain ranges in Southern, Central, and Northern California, Oregon and Washington. Kurt and I began our journey on April 22nd and crossed the Canadian border on September 4th. Backpacking through hot deserts and high mountain passes, through rain forest and waterless stretches, through alpine meadows and giant forests, the hike was incredible – and I wouldn't trade that experience for the world!

We followed the Trail northward for 136 days and experienced so many diverse parts of the country, both culturally and environmentally. Every day was new and different and full of wonder. We climbed Mt. Whitney, the highest peak in the lower 48 states, and also thru-hiked the John Muir Trail. I endured shin splints, Achilles tendon issues and bursitis in my knee, but none was allowed to interrupt my dream. We hiked about 25 to 30 miles a day, took 10 rest days, ate enormous amounts of food and lived in the natural world day in and day out. And we loved it! So far, I've raised over \$1,100 for the CWC and am so grateful to all the wonderful people who contributed to making the Chautauqua region a more healthy and sustainable ecosystem. Thank you!!



Above: Kurt and Sara hike the Pacific Crest Trail.



News from the Chautauqua Lake Association

As we close the year 2007, I would like to take the opportunity to tell you a little bit about the ongoing scientific study of Chautauqua Lake by Cornell University Research Ponds. Six years ago, the Chautauqua Lake Association recognized the need to document annual changes in our lake and to explore means to reduce the impact of the invasive weed Eurasian watermilfoil in our lake. The control of watermilfoil growth and the prevention of its dominance in Chautauqua Lake are essential to protect the recreational uses and overall health of the lake's ecosystem. Prior to the CLA's retention of Cornell, no such research and documentation were occurring on the lake.

Cornell's manager, Robert Johnson, has overseen this study for the past six years. In conjunction with the CLA, Johnson has introduced an aquatic moth (*Acentria Ephemera*) and a weevil (*Euhrychiopsis Lecontei*) in order to determine if increased numbers of these herbivores will assist in the control of the Eurasian watermilfoil. Cornell's research on other lakes has shown some success with the introduction of moths and weevils in controlling watermilfoil, as both feed primarily on this species of weed. In selected test plots this past season in Victoria Bay and Burtis Bay, Cornell documented that the herbivores decimated the watermilfoil. Observations of the lower portions of the stems at the bottom of the lake revealed a decaying root stock and thousands of weevils on the watermilfoil. The observations have also shown that Caddis flies are eating the watermilfoil, thus suggesting that they may also be able to play a role in naturally controlling the weed.

The research is also confirming that many factors may influence the growth of the watermilfoil. The level of the lake, the thickness of ice in winter, whether spring arrives early or late, and even wind and wave action all appear to affect the amount of growth, the timing of the growth, and the success of efforts to control the growth of watermilfoil by the various herbivores. For this reason, the CLA, in conjunction with Cornell, is documenting and preserving the research and observations for future comparisons. Each year's report is placed in all area libraries, maintained at the CLA offices, and placed on the CLA's website, www.chautauqualake.org. You are invited to review the reports at any of these locations.

This past summer, CLA and Cornell presented the current findings at a symposium held at The Casino in Bemus Point. Recognizing the importance of identifying which species of weeds are most prevalent in various areas of the lake and at various times, Cornell set up an aquarium displaying each of the species found in our lake. Both CLA's past experience and Cornell's research reveal that what the public suspects are problems caused by one species of weed may indeed be a different species.

In closing, the research seeks to understand the changeability in plant and herbivore populations from year to year to assist and improve the overall management of the lake. The CLA is committed to continuing the documentation of the conditions of our lake with the goal of preserving this information to guide the community through each season.



Sincerely,

Tad Wright, Chautauqua Lake Association President

Below: Chautauqua Lake Association and Cornell University conduct studies on Eurasian watermilfoil growth in Chautauqua Lake.



Leave a Legacy with CWC's New Endowment Fund

This past December, the Chautauqua Watershed Conservancy established an endowment fund at the Chautauqua Region Community Foundation with monies from a generous bequest from Nancy Ericson. The CWC now has a land stewardship endowment fund at the Northern Chautauqua Community Foundation and a general endowment fund at the Chautauqua Region Community Foundation. The purpose of these funds is to create vehicles ensuring long term financial stability for the CWC to continue delivery of its land conservation and watershed education programs in perpetuity. In other words, **these funds give you, our members, an opportunity to make gifts through your will, life insurance policies, charitable gift annuities or other donations to support CWC programs for decades beyond your lifetime.**



The CWC's endowment fund at CRCF has an annual return of 5%. So, for example, if the CWC could create a \$200,000 endowment fund, the CWC would receive an annual income of \$10,000 from it – which is approximately 4% of our current \$250,000 annual operating budget. ***If we could build our endowment fund to \$1 million, we could count on \$50,000 annually!*** We are pleased to be associated with both community foundations in the region, both of which can service your legacy intentions with a staff trained in helping you explore the various avenues for implementing your philanthropic goals. Please consider a charitable gift annuity which can provide you lifetime income at much higher rates than CDs or money market accounts, with the remainder going into our CWC endowment fund upon your passing. Or consider naming the Chautauqua Watershed Conservancy in your will just like Nancy did. You can help ensure that our preserves are protected and our advocacy continues long into the future by contacting the **CRCF at 716-661-3390, NCCF at 716-366-4892 or CWC at 716-664-2166** for more information. 🌲

Chautauqua Watershed Conservancy

Yes! I want to help preserve the lakes, streams and watersheds of the Chautauqua region.

I want to: become a new member of CWC
 renew my annual CWC membership

Name _____ Phone (____) _____

Address _____ Email _____

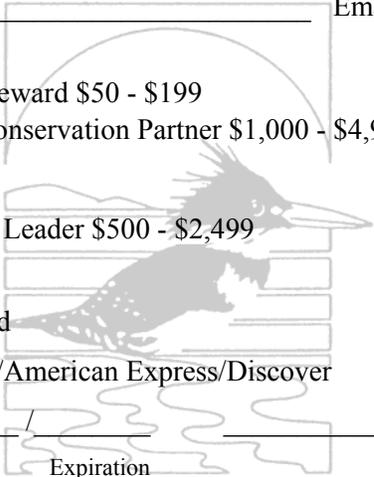
Individual/Family Memberships:

- | | | |
|--|---|--|
| <input type="checkbox"/> Friend \$1 - \$49 | <input type="checkbox"/> Steward \$50 - \$199 | <input type="checkbox"/> Contributor \$200 - \$499 |
| <input type="checkbox"/> Supporter \$500 - \$999 | <input type="checkbox"/> Conservation Partner \$1,000 - \$4,999 | <input type="checkbox"/> Land Legacy \$5,000+ |

Business/Corporate Memberships:

- | | | |
|--|---|---|
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|--|---|---|

- My tax-deductible check is enclosed
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Please remit with your contribution to: Chautauqua Watershed Conservancy, 413 North Main Street, Jamestown, NY 14701

Macroinvertebrate Diversity Study on Chautauqua Lake

by Janis Bowman

So, the first question is: What is a "macroinvertebrate?" Well, simply put, it's any animal that lacks a backbone and is large enough to see with the naked eye (therefore, not requiring a microscope). By textbook standards, a macroinvertebrate is larger than 0.5 mm, which is about the size of a pencil dot! Freshwater macroinvertebrates like those found in Chautauqua Lake live on rocks, logs, sediment, debris, and aquatic plants at some point in their life cycle. Such animals include, but are not limited to, various worms, leeches, snails, clams, mussels, and of course insects! Some insects remain in the water for their full life cycle while others use the water for only the first part of their life cycle and then emerge from the water as adult flying insects, such as the stonefly and the ever popular dragonfly. Many aquatic macroinvertebrates, also referred to as "benthos," are able to expand their habitats and alter their distribution by drifting with currents to new locations during the aquatic phase of their life cycle or by flying to a new stream, pond or lake during their terrestrial phase. These sometimes tiny animals can be found throughout the year; however, they appear in larger numbers in the spring just prior to the reproductive period. During the winter months, many macroinvertebrate species burrow deep within the sediments or remain inactive on rocks, logs, or even manmade objects. A large number of aquatic insects undergo complete metamorphosis, which is the transition from egg to larva to pupa and finally to an adult insect. Remember that dragonfly? Believe it or not, the dragonfly spends most of its life cycle in its larval form, called a nymph or naiad. It spends anywhere from two months to five years, depending on species, in a larval form. Like many other aquatic insects, its adult form typically lasts only long enough for it to reproduce and then it dies. For the dragonfly this could be up to four months, but for the mayfly it could mean as little as thirty minutes to one day! Mayflies don't feed as adults because they don't live long enough to need to.



Above: JCC sophomore Chris Ecker studies macroinvertebrates in Chautauqua Lake.

Macroinvertebrates are important to an aquatic ecosystem in many ways. They are certainly an important part of the food chain, especially for fish. For this reason alone, they should draw the attention of those who wish to see Chautauqua Lake continue its reputation for fishing. Given that plants, algae, and bacteria are the staple diet for these small creatures, it's obvious that keeping watch over plant diversity, especially native aquatic plants, is important to a healthy diversity of macroinvertebrates, which in turn is important to the health of our fishery. If the host plants for the "fish food" disappear, so do the fish! Some macroinvertebrate species shred and eat leaves and other organic matter that enters the water, playing a critical role in the natural flow of energy and nutrients for the ecosystem. As benthic invertebrates die, they decay, leaving behind nutrients that are reused by aquatic plants and other animals in the food chain, and the cycle repeats. Aside from recycling nutrients and providing a food source for fish and other animals, macroinvertebrates

allow us to detect declining water quality. Because they are less able to escape the effects of sediment and other pollutants that diminish water quality, macroinvertebrates can give us reliable information on stream and lake water quality. Their long life cycles and sensitivity to environmental stressors, such as organic pollutants, sediments, toxicants, and even sudden and unusual temperature changes, allow them to tell fairly detailed stories relative to changes in a watershed and the resulting water quality issues.

Simply put, it's time that we pay more attention to this very important part of Chautauqua Lake's ecosystem. As a community, we are becoming more aware of the biological control efforts using aquatic moths and weevils. Bob Johnson from Cornell has been a very important part of learning more about our lake and how we can use natural methods to control the devastating impacts of invasive plant species such as *Myriophyllum spicatum* (Eurasian Watermilfoil). As part of an independent study project started last June, and now in collaboration with Bob Johnson from Cornell, Jamestown Community College sophomore Christopher Ecker is working with me on a much needed and long overdue diversity study on Chautauqua Lake's macroinvertebrates. As it turns out, the independent study project chosen for Chris has attracted some interest from those studying the lake because the macroinvertebrates have not been (*continued next page...*)

Macroinvertebrate Study continued...

studied but only twice in the lake's known history, once in 1937 and again in 1972 with Tom Erlandson as part of the benchmark study between JCC and Fredonia. This summer Chris and I collected over 125 samples from the lake's sediments, plants, and shoreline, and Chris has identified several new species of leeches, worms, and molluscs (including the well known zebra mussel), while there seems to be a decline in insect diversity. The complete set of results will be included in Bob Johnson's yearly report on the lake along with his research, and a separate publication is expected as well. The changes that have taken place relative to species diversity in Chautauqua Lake are already proving interesting upon comparison with previous studies, and those individuals who are interested in the proper management of the lake should find this information valuable. The presence or absence of certain worms, leeches, and insect larvae can be very telling relative to water quality and pollutants. A comprehensive understanding of the lake and its watershed is vital for good watershed management.

I'd like to say a very special "thank you" to my husband, licensed fishing guide Dan Bowman, for his donation of time and expense by taking Chris and I out for our in-lake sampling throughout the summer months.



Janis Bowman is an Associate Professor of Biology at Jamestown Community College and Advisor of JCC's Earth Awareness Club. She is also a member of the County Water Quality Task Force and CWC's Board of Directors.

"Conservation is a state of harmony between men and land."

~Aldo Leopold, American ecologist & author (1887-1948)

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| Bay-7 Associates of Ohio | JCC Earth Awareness Club |
| Bemus Bay Partnership | Lind Funeral Home, Inc. |
| Cassadaga Lakes Association | Michael J. Rodgers Land Surveyor, PC |
| Chautauqua Bird, Tree & Garden Club | Native Roots |
| Chautauqua Lake Fishing Association | Northwest Land Development, LLC |
| Clark & Whipple, LLC | Rhoe B. Henderson Insurance Agency |
| Crosswinds Homeowners Association | Salon 1 |
| Diana Lodge #114 | Scalise Development, Inc. |
| Ecumenical Community of Chautauqua | State Farm Insurance Companies |
| Four Seasons Nursery & Garden Center | Steel-Art Incorporated |
| Frewsburg Rod & Gun Club | 394 Storage, Inc. |
| Gary N. Johnson Insurance Agency | Tri-States Achers Association |
| G.L. Olson, Inc. | Wal-Mart Stores, Inc. |
- Harrington Sandberg Architecture & Engineering, P.C.

Memorials & Honorariums

- In memory of Gordon Anderson from Jane Nelson McMaster
- In honor of Christmas to Philip Brunskill from his son, Gordon Brunskill
- In memory of Doris Guertin from her daughters, The Guertin Girls
- In memory of Doris Guertin from Henry & Julie Danielson
- In memory of Doris Guertin from Kathleen & Gerardo Ferracane
- In memory of Doris Guertin from Kim Lloyd
- In memory of Betty Baker Nelan from Prendergast Point Property Owners Association
- In memory of Gerald, Brad & Sharon Shepard from Alma Shepard
- In honor of Christmas to Zachary Swank from Kyle Morse
- In honor of Patricia & Steve Telkins from Peter Weaver
- In honor of Patricia & Steve Telkins from William & Janet Weaver
- In memory of Robert ("Doc") Watson from Acu-Rite Incorporated
- In honor of Christmas to Don Weaver from his daughter, Allison Dawson

 *  ~ **Special Thank You Notes** ~  *

Additions to CWC's 2006-07 Annual Membership List:
SPONSOR (\$500 to \$999): JCC Earth Awareness Club
FAMILY SUPPORTER (\$50 to \$199): Julie Monaco

Welcome New Members!

- | | | |
|----------------------------|-------------------------------|------------------------------|
| Dick & Karen Abrams | Mark & Donna Hampton | Robert & Sharon Phillips |
| Edward Almquist | Henry & Margaret Hargis | John & Evelyn Plucinsky |
| Duane & Marian Anderson | Neil & Ann Huber | Ron & Barbara Pudelski |
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| Arnold Halpern | Robert & Bette Patterson | Sandra Joan Young |
| | Judith Peterson | |

TRANSITIONS

We report with regret that Cathy Spangenburg, who had been serving the CWC as its Public Relations and Development Director since March 2007, resigned in December. She will be resuming her grants and development consulting business. She served the CWC well and will be missed. We wish her the best in her endeavors.



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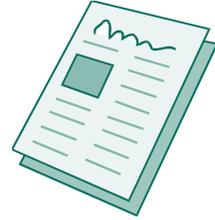
General Mailbox: info@chautauquawatershed.org

John Jablonski, Executive Director: john@chautauquawatershed.org

Jill Desborough, Director of Operations: jill@chautauquawatershed.org

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Thank you for your support of the CWC!

Chautauqua Watershed Conservancy



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