



PARTRIDGE LAKE PROPERTY OWNERS ASSOCIATION

A Lake Preservation Group

Dayton Goudie Honored by NH DES

Spring 2009

Dayton Goudie has been awarded the prestigious 2009 Secchi Disk Award from the New Hampshire Department of Environmental Services. Named one of three 2009 "Volunteer Limnologists of the Year," Goudie was singled out for the top award at the annual Volunteer Lake Assessment Program workshop on May 16, 2009.

Since 2004, DES has recognized selected volunteers for their dedication and commitment to lake monitoring. "Each time a volunteer monitor collects a water sample from a lake or pond or conducts a Weed Watcher survey, that person is performing the role of a true limnologist," according to Jody Connor, DES Limnology Center Director. The Secchi Award is given to "that volunteer who has truly stood out as being on the 'cutting edge' of responsible lake stewardship."

Limnology is the scientific study of lakes and other bodies of fresh water, including their physical and biological features.

Goudie was nominated by the officers of the Partridge Lake Association in recognition of his long and extraordinary work in monitoring water

quality at Partridge Lake. "As the **go-to** guy on issues of water quality at Partridge Lake, Dayton has been the kind of dedicated volunteer the VLAP recognizes," said the nominating letter.

Having spent summers at the lake since he was a child, Goudie retired from his job as a science teacher and became a year-round resident.

In the 1970s, he bought his own Secchi disc, which measures depth of water clarity, and began water testing and keeping records, sending results to DES. At about the same time, he became a member of the board of the Partridge Lake Property Owners Association, reporting annually on water quality issues to its members.

In 1989— at his instigation — the Partridge Lake Association joined the DES Volunteer Lake Assessment Program.

Dayton has done far more than test the waters. He submitted a grant proposal to the DES for a diagnostic study of Partridge Lake. The \$5000 grant, awarded in April, 2000, resulted in a comprehensive study detailing problems of water quality, particularly heavy levels of phosphorous in the deepest levels of the lake.

"The 'go-to' guy on issues of water quality at Partridge Lake"



(l-r) Dayton Goudie, 2009 Secchi Disk Award Winner, Jody Connor, Lumnology Center Director at the Department of Environmental Services, and Sara Steiner, VLAP Coordinator.

The 12-month study, conducted in 2001, was documented in a Final Report, 2007: "Lake and Watershed Diagnostic Study." Dayton worked tirelessly with Amy Smagula of NHDES and other staff members, and was singled out for praise in the report: "A special thank you to Dayton Goudie for his continued involvement in VLAP, his field assistance, and his dedication to this special study."

Continued on page 2.

**Annual Meeting
Saturday,
July 25, 2009
10:00 am**

Great Fundraising Results To Date!

*Thanks for your support...
that already given...
and that to come!*

The recent appeal for funds to assist the association in its lake preservation efforts was highly successful. Total gifts so far are \$20,937. Details of the Treasurer's report appear on page 3.

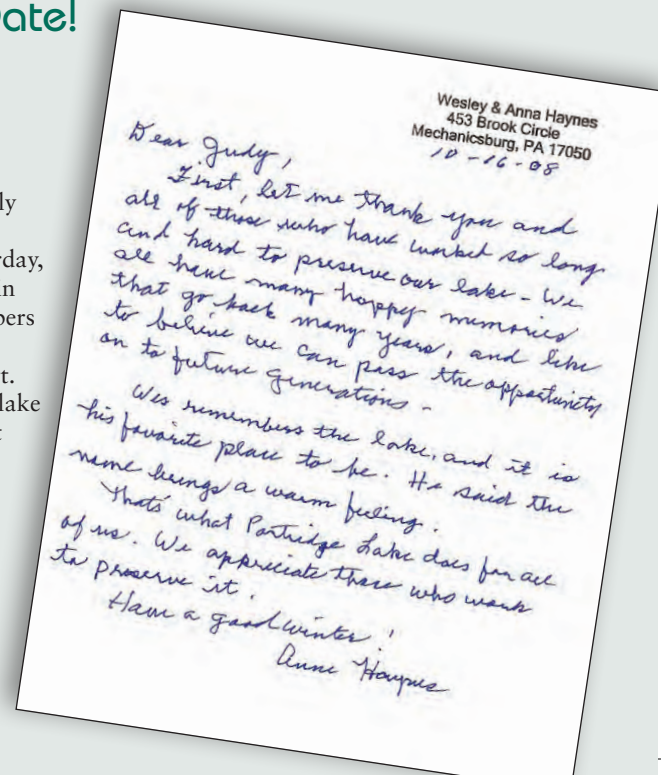
Authorization to use any funds over \$2000 must take place at the annual meeting Saturday, July 25. It is important for members to help in setting the directions the association will go in improving lake quality—the use of money given. At the same time, officers and board members will be elected.

At a time when the economy has been hard-hit, members were generous in their support. A few gifts were accompanied by warm and touching affirmations of the importance of the lake to them and to their families. Gifts ranged in size, but smaller gifts counted to show support for lake preservation, an important selling point to potential granting organizations.

Approximately 50% of camps participated. **It is hoped that further donations will be forthcoming** as members return for the summer. Gifts should be made to the Partridge Lake Property Owners Association and sent to Judy Warden, 466 Longfellow Drive, Bethlehem, NH 03574.

PLPOA has now been granted IRS tax-exempt status as a non-profit charitable organization. Therefore, all gifts since June 28, 2008, are tax-deductible.

"This wonderful letter from Anna Haynes was sent with her donation to the Lake Association and expresses the importance of the lake conservation efforts to the families of Partridge Lake."





Where Should We Go From Here?

With funds in hand and many needs identified, the PLPOA Board has felt the need of outside advice and assistance. **Ray Lobdell of Landaff, NH.**, a highly regarded consultant, was known to some members. A group of board members interviewed him and asked him the following questions, based on the Gomez and Sullivan report.

Q. What do you feel is Partridge Lake's most immediate challenge?

A. Reducing the external loading of phosphorous in the watershed from all sources.

Q. What should be our first order of business?

A. Educating lakeside and watershed residents on practices they can implement to reduce stormwater runoff pollutants and encouraging septic system improvements.

Q. What do you feel should be our priorities in efforts to get the town and state to further partner with us on our lake conservation issues?

A. I would start with developing a dialogue with the town conservation commission, selectmen, and highway department. With the state, you appear to have a good working relationship now.

Q. Do you have recommendations for improving road drainage that we could get the town to undertake without a long approval process?

A. Your association should approach the town to implement stormwater and other road-related goals. Some may be easy to implement. However, if they will cost the town money (such as replacing culverts or installing Best Management Practices) then they will be more difficult and time-consuming to accomplish.

Q. Are there alternatives that Gomez and Sullivan did not come up with?

A. At first glance, their study is quite comprehensive. While additional alternatives may come to light, at this point I would encourage your association to first prioritize their recommendations and work to implement them.

Q. If needed, do you have experiences and contacts with organizations who might provide grants to support our needs and priorities? Who might be candidates?

A. I have worked on a number of grant proposals over the years. Grant priorities and availability change from year to year. I would first need to know your priorities, how much you might be able to provide for matching funds, and what resources you are willing to put into grant writing efforts.

Q. Would we be eligible for federal grants?

A. Yes, your association is eligible to apply for federal as well as state and private grants.

Q. How do you feel the new Shoreland Protection Act will best help us with our efforts and especially with reduced phosphorus loading?

A. By maintaining vegetative buffers around the lake and reducing increases in the amount of impermeable surfaces. Reducing the use of phosphorus around the lake will take on-going education by both the state and your association. ■

Ray Lobdell has worked on watershed and water quality issues in New Hampshire and Vermont for over 30 years, including employment with the North Country Council, USDA-NRCS, and 20 years as a consultant. Most recently, he served as coordinator of the Ammonoosuc River committee that successfully obtained grants for river corridor planning that resulted in establishing a water quality monitoring program on the river and obtaining designation of the river under the state's river management program.

Lake projects he has undertaken include an extensive study of Paugus Bay and its watershed on Lake Winnepesaukee—which included the drafting of watershed and shoreline ordinances for the City of Laconia, and developing BMPs for managing their impermeable surfaces, environmental assessments for NH Fish & Game of several lake boating access projects, and authoring a "Guide to Developing and Redeveloping Shoreland Property in NH," published by NHDES.

Locally, he has worked with the Town of Littleton on projects including the Dells Brook Watershed Study, the Littleton Natural Resources Inventory, and the drafting of the Ammonoosuc River riparian buffer ordinance.

Dayton Goudie - continued from page 1.

Again as the point man, Dayton obtained for PLPOA a \$50,000 grant for further study of solutions to water quality problems. In 2008, "The Partridge Lake Watershed-Based Plan" was issued by Gomez and Sullivan, Engineers, outlining needs and options which will need to



be funded. The board approved a fund-raising campaign, and additional grants will be sought, but meanwhile, Dayton has overseen two important surveys of septic systems. One in 2005 and a more detailed one in 2007 that resulted in a 70% rate of cooperation in supplying information. He has also been part of the communications team producing newsletters and educational material for the association.

Goudie continues to collect water samples and to drive them to the nearest lab for testing. He is also the unofficial "loon supervisor:" If you want to know when the new chicks will hatch, ask Dayton.

For decades Dayton has been at the center of lake quality improvement efforts at Partridge Lake. It is a pleasure to see him recognized for his efforts on our behalf! ■



PARTRIDGE LAKE PROPERTY OWNERS ASSOCIATION

July 2008 - May 2009



▲
Jeanne Burdette and Judy Warden
sell Partridge Lake apparel at the
2008 Annual Picnic.



▲
Randall Loiacono built and put in place this deluxe loon lodge
just prior to the return of our beautiful loon family.



◀
At waters edge
2008 Annual
Family Picnic.



2008 Annual Family Picnic clean-up crew.



▲
PLPOA Summer Board Meeting at the Fogelin Camp
Seated (l-r) Kate Vaughan, Millie Nelson, Eileen Goodrich, Judy Warden
Standing (l-r): Mark Meau, Glen Hadwen, David Merrill, Randall Loiacono, Jill Corey,
Bob & Florence Fogelin, and present by speakerphone...Dave Ernsberger.



Partridge Lake Board of Directors (l-r)
 Millie Nelson, President
 Judy Warden, Treasurer
 Dave Ernsberger, Secretary



There was a great turnout at the Lake Quality Issues Overview/Septic System Workshop held at the Ernsberger camp on July 19, 2008.
 (l-r) Florence Fogelin, Dayton Goudie, Kevin Schofield, Gary Spaulding, Lynn Mayo and Dave Ernsberger.



Ben Hubley (left) and a pair of lovebirds - The Wardens

Linda Reichardt and daughter Suzanne, at the July 5, 2008 Annual Family Picnic. Suzanne is one of the many youngsters we have enjoyed watching grow up while spending their summers at the lake. Her family has been coming to Partridge Lake since 1965, purchasing their camp, "Ramblin" in 1980.



The ice was very unusual this particular day - like a huge sheet of glass. Keegan (9 yrs.), Canaan (7 yrs.), JoJo, and Bruce Hadwen had a fabulous time skating the big lake!



Shoreland Protection and Planting Workshop Scheduled for June

The edge of the lakeshore, treated right, can improve the health of Partridge Lake and make it more beautiful for ourselves and others.

A Planting and Shoreland Protection workshop will be held on Saturday afternoon, June 20—in time for planting season—to inform property owners of the impact of the recently amended Shoreland Protection Act, and to learn about attractive and appropriate plants for protecting water quality.

Group orders will allow owners to get good prices and availability of plants they select for their individual locations.

Jason Aube, Shoreland Protection Specialist at DES, will give a presentation about the recently amended Shoreland Protection Act. The new law calls for a natural vegetative buffer around the lake, restricts the amount of impermeable surfaces within 250 feet of the lake, details where and what kinds of fertilizers can be used within proximity of the shore, and regulates a number of “improvements” that property owners might be considering. Aube has presented information to community groups throughout New Hampshire for the past several months, and spoke in January at the Littleton Community House.



Elmer Brown

Elmer Brown, owner of E.C. Brown Nursery in Thetford Center, VT, will also speak about native and non-native plants that can be used within affected lakeshore areas. A native of the Lyndonville area (who once worked for Robert Frost, grafting apple trees at Frost’s Ripton farm), Brown will bring along samples of plants that he thinks will help alleviate run-off into the lake—whether in dry, marshy, or wet-feet sites. He will show and discuss the plantings he installed last summer at the home of Richard Johns.

“I think it is important to let nature tell you what to plant,” said Brown, when asked about choosing suitable plants for a steep bank. “Look at what is there, or what is in your neighbor’s similar place.” DES encourages owners to avoid sand near the water and to replant beaches with erosion-resistant natural vegetation, except for a path of access to the water.

The workshop will be held Saturday, June 20 at 3:00 p.m. at the camp belonging to Rich and Jayne Johns. Orders will be taken for a group delivery of plants, details to be worked out at the meeting.

Look in the pocket

of your Lake Association Manual to find a planting brochure and a news story about planting efforts elsewhere.



Mark Your Calendar!

Saturday, June 20, 2009

Board Meeting # 1	Vaughan camp	10:00 am
Planting and Shoreland Workshop	Johns camp 737 Partridge Lake Road	3:00 pm

Saturday, July 4, 2009

Annual Family Picnic	Location to be determined	11:30 pm
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Saturday, July 25, 2009

Annual Meeting	Ernsberger camp 68 Herrick Point Road	10:00 am
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Saturday, August 15, 2009

Board Meeting #2	Hadwen camp #64A	10:00 am
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We note the loss of long-term summer residents Sylvia Allen and Angus Neaves. Several other neighbors have lost loved ones during the past year. With deepest sympathy, our condolences go to their families and friends.

Treasurer's Report

PLPOA Treasurer

Judy Warden reports: 3/31/09

Fundraising Results: \$20,937

Participation is less than 50%.
Contribution from 32 camps.

Checking Account Balance: \$3,239
(Fundraising not included)

Income from dues:
2008: \$25 x 56 camps \$1,400
2007: \$15 x 58 camps \$840

Major expenditures:
2008 Picnic for 150 people \$692
(2X the turnout for 2007...Great Participation)

- PLPOA dues for 2009 are \$25 Now tax-deductible. Please return this panel with your payment.
- I would like to make a donation to the PLPOA preservation fundraising efforts. Amount \$_____

Checks should be sent to:

PLPOA
c/o Judy Warden
466 Longfellow Drive,
Bethlehem, NH 03574

Changes to contact information for lake or watershed residents.

Please let us know about any change in camp ownership, phone numbers, home addresses or email addresses. Mail with your dues payment or email Dave Ernsberger at dernsberger@pop.net.

Summer Workshop

- I am interested in attending the Shoreland Protection and Planting workshop on Saturday, June 20, 2009 at 3:00 pm. 3



PARTRIDGE LAKE
PROPERTY OWNERS ASSOCIATION
Littleton, N.H. 03561

Spotlight on Volunteers

Current officers and board members are listed below. New officers and board members will be elected at the annual meeting from a slate offered by the board. Nominations should be forwarded to board members before their first meeting, June 20, 2009.

Board of Directors

Millie Nelson *President*
Cathy Parker *Vice President*
Dave Ernsberger *Secretary*
Judy Warden *Treasurer*

Jeanne Burdette
Jill Corey
Florence Fogelin
Eileen Goodrich
Glen Hadwen
Jayne Johns
Randall Loiacono
Mark Meau
David Merrill
Kate Vaughan

Thanks to our 2008 Annual Family Picnic Hosts

Amy and Bob Trahan
Eileen and Paul Goodrich

Photos

Jere Eames
Sharon Hadwen

2008 Septic Workshop Attracts a Crowd

In July 2008, a well-attended septic workshop was held at the camp of **Dave and Nancy Ernsberger**. Interest was high, since septic systems are known to be of central importance to the health of the lake.

The agenda included the Partridge Lake Septic Survey results, an explanation of septic systems available—both traditional and newer alternatives—steps that can be taken in maintenance, upgrading and replacement, and everyday suggestions for reducing septic problems. Approximately 60 people attended the Saturday morning meeting.

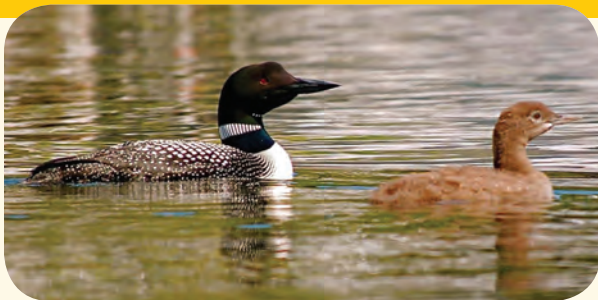


Emphasis was given to adapting solutions to individual sites around the lake. **Lynn Mayo**, septic systems design engineer, explained the range of individual problems that can be encountered by shallow lots, sandy soil, slate ledge, or difficult access. **Gary Spaulding** of Wastewater Alternatives, Inc., explained the systems his company offers for problem sites. **Kevin Schofield**, whose company has serviced septic systems at the lake for many years, recommended bi-annual pumping and suggested ways of inspecting the health of one's system by a remote sensor.

Approximately nine camps have replaced or upgraded their septic systems since 2001. The survey found that approximately 32 camps have septic systems more than 20 years old.



The Loons Are Back! Keep Your Distance!



Thanks to Sharon Hadwen for these great loon photos.

The male loon arrived on Wednesday, April 15, the female a week later. Last year's chick successfully took off before the lake froze over, well after the parents had left, normal behavior—for loons.

Predators are a problem in raising the chicks, but so are over-friendly people. They do not like being approached, especially by motor boats. If they flap their wings, it is a sure sign of distress.

*Keep them coming back to Partridge Lake.
Give them some space!*