



Eurasian Watermilfoil Management Summit

Lessons Learned from the Adirondack Region

Horicon Town Hall / Community Center, Brant Lake, NY

August 16, 2012

*Organized by the
Adirondack Partnership for Regional Invasive Species Management
Sponsored by the
Adirondack Lake Alliance*

8:30 Registration

9:00 Welcome & Opening Remarks

Hilary Smith, Bill McGhie
Adirondack Park Invasive Plant Program,
East Shore Schroon Lake Association

9:10 Invasive Species Overview
Problem Plants & Program Progress

Hilary Smith
Adirondack Park Invasive Plant Program

9:20 Management Considerations
*Milfoil Planning and Treatment Options -
What the State Thinks You Should Think (About)*

Scott Kishbaugh
NYS Department of Environmental Conservation

Costs and Considerations for Milfoil Management

Dan Kelting
Paul Smith's College Adirondack Watershed Institute

10:00 Management Case Studies
*Long-term Strategic Management of Eurasian
Watermilfoil in Lake George, NY; A 20-year Perspective*

Rich King
Lycott Environmental Inc.

*Cost and Effectiveness of Hand Harvesting
to Control Milfoil in Upper Saranac Lake*

Dan Kelting
Paul Smith's College Adirondack Watershed Institute

Five Years & Counting: Lessons from Chateaugay Lake

Mary Johnson
Chateaugay Lake Foundation

11:00 BREAK

11:15 Management Case Studies, Con't
*Long-Term Monitoring and Control of Eurasian
Watermilfoil by Insects in Lake Bonaparte, Cayuga
and Chautauqua Lakes*

Bob Johnson
Racine-Johnson Aquatic Ecologists

*Lake Luzerne: A Case Study of Every Treatment
Methodology in the Known Universe*

Art Havighorst
Lake Luzerne Association

*Integrated Management of Eurasian Watermilfoil
at Saratoga Lake*

Dean Long
The LA Group

12:15 LUNCH

1:00 Permitting

*Permit Requirements for Eurasian Watermilfoil
Management in the Adirondack Park*

Ed Snizek
NYS Adirondack Park Agency

NYS DEC's Regulation of Aquatic Pesticides

John Bennett
NYS Department of Environmental Conservation

The How and Why of Aquatic Plant Monitoring

Scott Kishbaugh
NYS Department of Environmental Conservation

1:45 Financing

*A Place to Start: Planning a Campaign for
Voluntary Donations*

Mary Johnson
Chateaugay Lake Foundation

The Town of Chesterfield Weed Management District

Gerald Morrow
Town of Chesterfield

Establishment of a State Legislated Special District

Dean Long
The LA Group

2:45 BREAK

3:00 Lake-Friendly Land-Use Practices

*Do-It-Yourself Water Quality:
Land Use Practices for Lake Protection*

Chris Navitsky
Lake George Waterkeeper

3:30 Spread Prevention at State Boat Launches

Last Stand

Fred Dunlap
NYS Department of Environmental Conservation

4:00 Facilitated Discussion

Questions, Needs and Next Steps

4:45 Closing Remarks

4:50 Evaluations and Depart

~ WITH GREAT THANKS TO ~

ORGANIZERS

Adirondack Lake Alliance
Adirondack Park Invasive Plant Program (APIPP)
APIPP's Aquatic Invasive Species Committee Members
East Shore Schroon Lake Association
Lake Champlain-Lake George Regional Planning Board

FINANCIAL SPONSORS

Adirondack Lake Alliance (Breaks and Lunch)
Adirondack Park Invasive Plant Program (Printing)
Lake George Association (Nametags)

HOST SITE

Horicon Town Hall / Community Center

OUR SPEAKERS!

SPEAKER BIOGRAPHICAL INFORMATION

John W. Bennett, Pesticide Program Manager, Region 5, NYS Department of Environmental Conservation, jwbennet@gw.dec.state.ny.us

John is a Pesticide Control Specialist 2, Region 5 Program Supervisor, and has held this position since August of 1993. He has been an employee of the NYSDEC since March 1986. In his position, Mr. Bennett's duties include enforcement of state and federal regulations governing the manufacture, distribution, sale and use of pesticides including the issuance of aquatic pesticide permits. Mr. Bennett graduated from the State University of New York College of Environmental Science and Forestry, Syracuse, NY in August 1983 with a degree in Forest Biology. Mr. Bennett will discuss the Department's regulation of aquatic pesticides including the aquatic pesticide permitting process.

Fred Dunlap, NY Lake Champlain Basin Coordinator, Region 5, NYS Department of Environmental Conservation, fddunlap@gw.dec.state.ny.us

Fred has a B.S. in Wildlife Biology with a minor in Fisheries Biology from the University of Maine. He started with DEC Division of Water in 1982 in the Region 5 Ray Brook office and has been there throughout. He is currently serving as NY's Lake Champlain Basin Coordinator and is on the Lake Champlain Basin Program (LCBP) Technical Advisory Committee. He manages the NY Lake Champlain Long-Term Monitoring Project which includes monitoring for invasive species in the Champlain Basin. He oversees the NY water chestnut harvesting project in South Lake Champlain. He participates with the LCBP Aquatic Invasive Species subcommittees including the Rapid Response Task Force and the Spread Prevention Workgroup and conducts follow-up monitoring for species verification and distribution in event of reports of new invasives.

Art Havighorst, President, Lake Luzerne Association, arthavighorst@gmail.com

Art is a member of the Lake Luzerne Aquatic Conservation Taskforce, which is an official committee of the Town Board. He is also the President of the Lake Luzerne Association, which is a not-for-profit association of local residents who care about maintaining the beauty of Lake Luzerne, which is a 100+ acre lake at the southern edge of the Adirondack Park. Art is an attorney with more than 25 years of legal and business leadership experience, most recently in the areas of real estate development and land use.

Bob Johnson, Aquatic Biologist, Racine-Johnson Aquatic Ecologists, rlj5@cornell.edu

Bob retired from Cornell University four years ago after managing the Cornell Research Ponds for 44 years where he provided outreach on aquatic plant growth in New York State. Bob's research interests are ecology of aquatic plant communities and in particular control of the non-native Eurasian watermilfoil by insect herbivores. Bob is a member of the Northeast Aquatic Plant Management Society, and has been since its beginning, and presents research information on aquatic plant management regularly at their meetings and many other venues. Presently as a private consultant he continues similar survey and research interests and is a member of the Hydrilla Task Force working on the invasion of hydrilla into the Cayuga Inlet in Ithaca, NY.

Mary Johnson, President, Chateaugay Lake Foundation, MLMAssocAICP@aol.com

Mary is the President of the Chateaugay Lake Foundation. The Foundation was formed in 2007 in response to a worsening Eurasian watermilfoil infestation throughout Chateaugay Lake. The 12-mile-long lake system is the tenth largest waterbody in the Adirondacks known to be infested with an invasive species. The Chateaugay Lake Foundation raises funds and manages a Eurasian watermilfoil control program that is now in its fifth season. Mary spent her career as a grant writer and policy analyst in the field of local and regional economic development, including positions with the Plattsburgh Air Force Base Redevelopment Corporation and the Adirondack Economic Development Corporation. She is a North Country native and developed a deep appreciation for the Adirondacks and its lakes and waterways growing up in the region. Now retired, she and her husband spend a good part of the year at Chateaugay Lake.

Dan Kelting, Director, Adirondack Watershed Institute, Paul Smith's College, dkelting@paulsmiths.edu
Dan was hired by Paul Smith's College in 2003 as Executive Director of the Adirondack Watershed Institute. He was previously employed by NC State University as Co-Director of their Forest Nutrition Cooperative from 1999 to 2003. Dan holds a Ph.D. in Forest Soils and an M.S. in Forestry from Virginia Tech and B.S. and A.A.S. degrees in Forestry from SUNY ESF. His areas of expertise include forest productivity, forest soils, aquatic invasive species, hydrology, nutrient cycling, and watershed management. The bulk of Dan's research is applied, meant to provide information to help solve real environmental problems.

Rich King, Ecologist, Lycott Environmental Inc., wailuku@gmail.com

Rich studied biology in his home state at the University of Arkansas. Prior to university, Rich spent his summers as a river guide on the Buffalo National River where he developed an appreciation for watershed issues and naturally-flowing (undammed) river systems. At university he explored his interest in aquatic systems further and began work in a lab dedicated to understanding the ecology of the threespine stickleback fish in Alaska. During this time he also worked with a colleague on Environmental Impact Studies on Hawai'i hydropower plants, river systems, and the endemic goby, O'opu Alamo'o. From Arkansas, Rich entered a Ph.D. program at Clark University (Worcester MA) where he continued his studies on stickleback working in 150+ lakes, dozens of saltwater marshes and marine estuaries. In 2001 he was hired by Lycott Environmental to manage water chestnut in a large pond near Boston, MA. Since then, Rich has worked on another ca. 100+ lakes and reservoirs in New York and New England primarily on invasive plants, but also animal species. Rich was a visiting assistant professor in the Ecology and Evolutionary Biology (EEB) Dept. at the University of Connecticut-Storrs from 2007-2010 where he taught undergraduate courses in biology, ecology, freshman honors seminar, was a writing professor, and taught methods in ecology for EEB graduate students.

Scott A. Kishbaugh, Lake Monitoring and Assessment Director, NYS Department of Environmental Conservation, sakishba@gw.dec.state.ny.us

Scott has been the Director of the New York Citizens Statewide Lake Assessment Program (CSLAP) since 1985, and has been the Chief of the New York State Lake Monitoring and Assessment Section since 2010. He is a licensed engineer, the senior author of the 1st and 2nd editions of *Diet for a Small Lake*, a longtime board member of the Northeast Aquatic Plant Management Society, and earned a B.S. and M.S. in Environmental Engineering from Cornell University.

Dean Long, Director of Environmental Planning, The LA Group, dlong@thelagroup.com

Dean is a certified community planner with a background in freshwater ecology and extensive experience in regulatory controls and water resource protection. Past work has included evaluation of mercury movement in Adirondack Lakes, acid deposition, and water quality monitoring and assessment on Lake George. He managed the chemical and coliform sampling programs for five years and wrote the first two environmental impact statements on control of Eurasian watermilfoil on Lake George. He has worked with the Saratoga Lake Protection and Improvement District on the management of Eurasian watermilfoil since 1998. This effort resulted in the restoration of Saratoga Lake's native plant community.

Bill McGhie, President, East Shore Schroon Lake Association (ESSLA), wmcghie@nycap.rr.com

Bill retired from Eastman Kodak in 2002. He had been involved with ESSLA for several years and became president in 2007. He has grown the association from 75 members to almost 400. This year ESSLA has incorporated and at this moment are seeking 501c3 status. We have assumed responsibility for a CSLAP location on Schroon Lake and overseen the start and training of a milfoil scout team. We have also organized a group of eight area lakes (the Adirondack Lake Alliance (ALA)) to share expertise and possibly share resources.

Gerald Morrow, Supervisor, Town of Chesterfield, gmorrow@frontiernet.net

Gerry is a lifelong resident of the Town of Chesterfield and has been the Supervisor for the Town of Chesterfield for the past 19 years. He is a Member of the Essex County Board of Supervisors and was a Councilman/ Deputy Supervisor for the Town of Chesterfield for eight years before that.

Christopher Navitsky, PE - Lake George Waterkeeper, cnavitsky@lakegeorgewaterkeeper.org

Chris is the Lake George Waterkeeper, which is a program initiated by the FUND for Lake George, and currently celebrating its 10th anniversary. The Lake George Waterkeeper defends the natural resources of Lake George and its watershed through promoting the compliance with existing regulations, scientific research and sound engineering principle to provide for the common good of the community. Chris has been recognized as the 2005 Conservationist of the Year by the Adirondack Council and has been featured in publications such as Adirondack Life and the Albany Times Union. Chris is a graduate from the SUNY - College of Environmental Science and Forestry at Syracuse University in Environmental Engineering and a licensed Professional Engineer in New York and Pennsylvania (currently unregistered). Prior to becoming the Waterkeeper, Chris worked for 16 years in consulting engineering focused on site development and municipal engineering with strengths in wastewater design, stormwater management and erosion control. The Lake George Waterkeeper is a member of Waterkeeper Alliance which has over 190 waterkeepers protecting waterbodies around the world.

Hilary Smith, Director, Adirondack Park Invasive Plant Program, Adirondack Chapter of The Nature Conservancy, hsmith@tnc.org

Hilary directs the Adirondack Park Invasive Plant Program (APIPP), a partnership program hosted by the Adirondack Chapter of The Nature Conservancy. APIPP is a three-time national award-winning program that coordinates more than 30 organizations and hundreds of volunteers. Since 2002, Hilary has specialized in regional invasive species planning, monitoring, management, and education. She also serves as the Chair of the New York Invasive Species Advisory Committee and represents the Partnerships for Regional Invasive Species Management. She received her Master's in Biodiversity, Conservation and Policy from the State University of New York at Albany and her undergraduate degree in Biology from Hamilton College.

Ed Snizek, Associate A.P. Project Analyst, Freshwater Resources, NYS Adirondack Park Agency, essnizek@gw.dec.state.ny.us

Ed has served in the position of Associate Adirondack Park Project Analyst, Freshwater Resources since April 2004. The freshwater resources analyst oversees the Agency initiatives on aquatic resources in the Adirondack Park and is the APA staff person responsible for reviewing and drafting permits for aquatic plant management projects. He received his undergraduate degree in Biology from Old Dominion University in Norfolk, Virginia and a Master's in Freshwater Ecology from DePauw University in Greencastle, Indiana. Ed will be providing information on the APA permitting process in management of exotic invasive species, such as Eurasian watermilfoil, including what activities are non-jurisdictional. Ed will also be discussing the permit review process for aquatic herbicides and when it is appropriate to use herbicides to manage an invasive species infestation.