

2010/2011 Annual Report

Message from the Chair

Greetings from the new Chair of the Frontenac Stewardship Council. I want to thank our outgoing chair, Dr. Gray Merriam, for his many years of leadership, and unfailing dedication to the cause of stewardship in Frontenac County. I am pleased that Gray has agreed to stay on as a member of the council, and more importantly, to take on the leadership of the recently-established Frontenac Stewardship Foundation, the charitable arm of the Council.

2011 has begun with a sad start for us, as we mourn the passing of one of our very active members, Dr. Jim Day. Dr. Day has been respected and well liked by all, and he leaves a hole that cannot be easily filled. As a token of our appreciation of his work we have named our new student bursary, the Dr. James Day Memorial Education Award, with the recognition that Jim strongly supported the involvement of students in the work of the Council.

Among a long list of initiatives we are pursuing this year, is the development of our “Stewardship Strategy” for Frontenac County. Through this strategy, we hope to better set priorities for the programs and projects we will pursue and support in the future, under our three core program areas:

- Aquatic ecosystems, including lakes, rivers, and wetlands;
- Rural landscapes, including forests/woodlots, and active and abandoned agricultural lands; and
- Education and awareness of current and emerging environmental topics.

When a draft of the strategy is available, it will be posted on the website, and we would be pleased to receive your comments.

If you are in Frontenac County, and you want to pursue environmental and resource stewardship, I encourage you to contact us with your project proposals, and whether you are in the County or not, I encourage you to donate to the charitable Frontenac Stewardship Foundation.

Gord Rodgers

Frontenac Stewardship Council Chair

Message from the FSC Coordinator

The Frontenac Stewardship Council has been in existence for 14 plus years and our geographic area of interest encompasses Frontenac County, including Wolfe & Howe Islands. For more than 14 years the Council has seen many dedicated volunteers pitch in to maintain and enhance all that makes Frontenac County a unique place to live, play and work.

I want to take this opportunity to thank all that have volunteered their efforts. I have had the good fortune to work, live and play in many corners of this great Province but, by far, this part of Ontario

has offered me the most diverse outdoor opportunities. I look forward to working with past, current and new partners across this beautiful landscape.

The Frontenac Stewardship Council is run by volunteers that currently reside in communities across our area of interest. I am inspired by the enthusiasm, commitment and knowledge that each of the eleven Council members possess.

The Council meets for a couple hours each month to discuss and decide how best to get the communities, groups and individuals from our area of interest involved with stewardship initiatives for the area. Stewardship to them is all-encompassing to include: hosting environment-related awareness events (i.e. loon workshop, forest products workshop); supporting lake and watershed planning; fish & wildlife habitat enhancement (i.e. walleye spawning shoals, tree planting, bald eagle platforms); wetland enhancement (i.e. Bayfield Bay marsh) and much more. However, none of these initiatives are possible without the help of folks such as you.

Some exciting initiatives the Council is working on for 2011 are included in the work plan portion of this document, and our upcoming events will be available on our website.

The Frontenac Stewardship Foundation has been a couple years in the making and the Council is excited about unveiling and establishing this new entity in 2011. The Foundation's charitable status will now provide access to new additional funding opportunities with which to accomplish much more in and for Frontenac County.

For more information or to become involved or to seek support for your initiative, or to inquire about making charitable donations to the Foundation, please contact either me or any of the Council members that you may recognize from your community.

Cam McCauley

Frontenac Stewardship Council Coordinator

About Ontario Stewardship

Ontario Stewardship's purpose is to inform landowners about the value of an ecologically friendly approach. Stewardship Councils are supported by the Ministry of Natural Resources and are comprised of dedicated volunteers and stakeholders who share a concern for the environment. There are 46 Stewardship Councils located across the province.

Volunteers come from diverse backgrounds and bring different perspectives to the table. Councils consist of cottagers, teachers and outdoor educators, forestry experts, landowners, farmers, trail representatives, naturalists, outdoorsmen, and First Nations representatives. With such an assorted mix, you'd think that even the smallest agreements would be hard-earned, but these differences are a strength of the Councils. Members listen to other viewpoints, and collectively arrive at practical, workable solutions that all stakeholders can support.

Each Stewardship Council has a proven track record in their respective communities or regions. Programs are designed by the Council to specifically address the needs of landowners and local community issues concerning forestry, wetlands, water, wildlife, agriculture, and related issues. One main goal of the program is to influence public perception through education, which in turn influences healthier shifts in development and land use practices.

Stewardship Councils have a variety of community, business and agency partners, and log thousands of hours of volunteer effort. Local groups, like Fish & Game Clubs, Naturalist Clubs, Woodlot Associations, and Wildlife Chapters, frequently team up with Stewardship Councils to provide volunteers, perspectives and a hands-on expertise. These partnerships allow the councils to tap into the cultural fabric of the communities they serve. This is key to community support and cooperation.

About the Frontenac Stewardship Council

Frontenac County is an amazingly diverse county full of history, culture and natural beauty. About 145,000 people make their home here, where world-class theatre and art co-exist with parks and natural areas of incomparable quality. The Frontenac Axis, a segment of Canadian Shield granite that links the Algonquin Highlands with the Adirondack mountains of central New York, forms the eastern boundary of the county, while the Napanee limestone plain bounds it to the west. The shoreline and islands of Lake Ontario lie to the south. Rich agricultural lands in the south support a variety of livestock and produce farms, while tourism, logging, hunting and fishing support many northern residents in our famous Land O'Lakes Tourism Region.

Council Vision: A green and healthy landscape for this and future generations!

Council Goal: To sustain all natural resources in Frontenac County through cooperative community efforts.

Council Objectives

The Frontenac Stewardship Council will:

- Identify stewardship challenges and gaps through coordinated discussions with communities, agencies, groups and individuals and through observation
- Develop strong, lasting stewardship partnerships across our area of interest to help strategically carry out dynamic initiatives based upon the most current expertise to tackle identified challenges and gaps
- Provide landowners with ongoing access to current environment-related information products such as extension notes, booklets, workshops, guest speakers etc.
- Continually monitor, measure and recognize the success of implemented stewardship initiatives

“Stewardship” is taking responsibility for actions today, which directly influence the protection of values for future generations.

2010/2011 Council Members

Dr. Gray Merriam is a retired ecologist who did research, trained graduate students and taught for about 40 years. He was President of the International Assoc. of Landscape Ecologists and received awards for his scholarship and research. In retirement, he has tried to apply some of what he learned on the land by engaging in several land stewardship projects. He is President of the Friends of the Salmon River and is former Chair of the Frontenac Stewardship Council. Gray lives with his wife Aileen, an artist and Lake Steward, on the Salmon River near Arden. Gray's can be contacted via email at gmerriam@xplornet.com or by phone at 613-335-3589.

Ken Waller has been involved with the FSC since April 2009. He takes great interest in his

community and local politics, attending most Central Frontenac Council meetings and providing ideas for better lake stewardship. Ken has been part of the Sharbot Lake Property Owners' Association since 2001, and the president for the last two years. Ken is a retired Air Force engineer, and he runs a wood turning business out of his home on the shores of Sharbot Lake. Ken can be contacted via email at kwaller@frontenac.net or by phone at 613-279-3035.

Gord Rodgers joined the FSC in 2005. He holds a Masters degree in Environmental Studies, and has been involved in many environmental planning projects, as well as 30 years with the Ministry of Natural Resources. In 2000, Gord moved to South Frontenac, where he and his wife built a timber frame home on Fourteen Island Lake. In addition to his involvement on the Council, Gord volunteers with the Frontenac Stewardship Foundation, the Fisheries Advisory Council, Zone 18, and the Fourteen Island Lake Association. Gord is the current Chair of the Frontenac Stewardship Council. Gord can be contacted via email at gordrodgers@explornet.com or by phone at 613-374-3521.

Jocelyne Steeves is a retired teacher and outdoor enthusiast. She moved to Sharbot Lake 20 years ago from northern Ontario, and has been with the FSC for almost three years. She and her husband were attracted to Frontenac by the many lakes in the area and the clean air and pristine environment. Through the FSC Jocelyne has helped introduce environmental education programs into area schools. Jocelyne can be contacted directly via email at steeves@frontenac.net or by phone at 613-279-3137.

Kevin Kennedy grew up in Frontenac County and has lived in Harrowsmith for the past 15 years. Kevin's family has been in the area for many decades. His father was involved with the FSC, and Kevin has been with the council for four years. He is an avid hunter and fisherman and manages his parents' 148-acre woodlot with the Managed Forest Tax Incentive Program. Kevin can be contacted directly via the email at kevcarkennedy@personainternet.com or by phone at 613-372-0302.

Bret Colman grew up in southwest Ontario on a farm. He holds a degree in biology from the University of Guelph, and has worked for Ducks Unlimited, various Conservation Authorities, and the Ministry of Natural Resources. In 2003 he moved to Frontenac County, and two years later bought Desert Lake Resort. He has been involved with the FSC since 2004, as Coordinator for a time and now as a council member. When he is not busy running Desert Lake Resort in Verona he is involved with the Land o' Lakes Tourism Assoc. and the Frontenac Stewardship Foundation. Bret can be contacted directly via email at deslake@explornet.com or by phone at 613-374-5251.

Angela Tooley attended Fleming College for fish and wildlife and has a natural interest in the out-of-doors. She grew up in Lanark County and has now lived in Plevna for three years. She spent six months as an intern with the FSC working as a Lake Association coordinator, and afterwards came on as a council member. She currently works at the White Lake Fish Hatchery, and loves the natural beauty of Frontenac County.

George Conboy is a farmer who currently produces beef and maple syrup on his family's 600-acre farm near Sharbot Lake. George grew up in Frontenac County and has farmed his whole life there, raising his family and successfully carrying on farming full time to become one of the County's agricultural success stories. He has been a member of the FSC for three years and brings an agricultural perspective to the Council's discussions and projects. George can be contacted via email at conboy@frontenac.net or by phone at 613-279-2550.

Jeff Green is the owner and editor of the Frontenac News, Frontenac County's most widely distributed community newspaper. Jeff moved to Frontenac with his family in 1990, and started with the Frontenac News in 2000. He is fully informed and involved in the community and local politics, and has been with the FSC for five years.

Richard Emery owns 25 acres of woodlot, which he manages through the Managed Forest Tax Incentive Program. A retired school teacher, Richard grew up in Windsor but spent his childhood summers in the Ompah area. He has owned his property in Plevna for 10 years, and is a fisherman. Richard joined the Council in early 2010. Richard is the current vice Chair of the Frontenac Stewardship Council. Richard can be contacted via email at emeryrd@gmail.com or by phone at 613-479-8057.

Dr. Barrie Gilbert is a retired university teacher of wildlife management and did graduate research on large mammals in BC and AK. Over the past 37 years he and two neighbours have restored 90 acres of their wetland and pasture to wildlife habitat on Wolfe Island. Barrie has a special interest in wildlife-human conflicts, conservation biology and bringing better science to NGOs.

Matt Goodchild joined the FSC in 2011. He holds a Bachelor's degree from McGill University in Environment and has been an active member of the local environmental /conservation community since 2008. Matt has worked for the Ministry of Environment, the City of Kingston's Environment Division as well as two local environmental non-profit organizations. He currently works for the Centre for Sustainable Watersheds and is involved in a variety of community based, watershed stewardship programs. matthew.goodchild@mail.mcgill.ca, 613-540-1516.

John Campbell
(bio coming soon)

Projects Supported in 2010/2011

COMMUNITY EVENTS AND PROJECTS

1. Verona Family Fishing Day

The FSC held its second family fishing day of the year this summer in the town of Verona. This event was organized in partnership with the Verona Community Association. The VCA was a fantastic group of volunteers who worked hard to make this event a success and we at FSC look forward to working with them again. The event was on Saturday July 10th 2010 at McMullen Beach.

This event was part of the Family Fishing Week-End that is promoted by the MNR and the OFAH. Family Fishing Week-end encourages young anglers to experience this outdoor activity and everyone is allowed to fish without a licence.

Many families came out to catch panfish from the docks or their own boats. Bait was provided and some rods were made available to use. There was free BBQ and a lot of fantastic prizes. The FSC would like to thank the following for their donations: Cataraqui Canadian Tire, Verona Hardware (Rona), Verona Convenience (Aziz), Jake's Heating (Andy Dickson and Steve), The Elliott Family, Brad Celeste, Todd Hunter, Brian Hutchenson, Sauces 'N' Stuff (Celeste Family), Pan Chancho Bakery/Chez Piggy, Tackaberry Supply and the Ontario Stewardship Opportunity Fund.

2. Tree Planting in Dunham Park

The Frontenac Stewardship Council partnered with Trees Canada, TD Trust and the City of Kingston to plant trees in Dunham Park in Kingston in the fall of 2010. Volunteers from TD planted 80 native trees and shrubs in Dunham Park in the riparian zone of Highgate Creek (Highgate creek wetland restoration was a 2009/10 project). This will put that area into a more

natural state and improve the ecological functioning of Highgate creek, including reducing bank erosion, sediment run off and decreasing pollution. Trees Canada provided the majority of the funding for this project which was carried on City of Kingston property. City staff also helped with site preparation.

2. Aquatic Vegetation Survey

FSC Intern Lesley Rudy and summer student Iain Mackenzie performed an aquatic vegetation survey on Elbow Lake with Geraldine and Brian Graham of the Elbow Lake (Parham) Association in July of 2010. The purpose of this survey was to set a baseline to be able to monitor the growth of aquatic vegetation over time which can indicate the health of the lake in many ways. This survey was also useful to detect the presence of any invasive species. This survey was followed up by a brief report that was written by Lesley and shared with the Lake Association.

3. Walleye spawning enhancement

FSC performed walleye spawning habitat rehabilitation on creeks in both Bob's Lake and Fourteen Island Lake in the summer of 2010. These projects were funded by CFWIP and were in partnership with the MNR and the Bob's and Crow lake Association and the Fourteen Island and Mink Lake Association (FIMLA). MNR summer students helped with the work. Gord Thompson of the Bob's and Crow Lake association was the lead organizer. Help was also provided by Gord Rodgers and Peter Peart of FIMLA.

Rock was added to key areas of creeks feeding into these lakes to allow for improved spawning chances which would increase the reproductive success of walleye in these areas.

4. Beaver baffle

A beaver baffle was installed on Beaver Creek, a main tributary into Kennebec Lake and the Salmon River. The baffle was installed in order to allow walleye access to a known spawning area on Beaver Creek that had been blocked by a beaver dam. The planning and the installation was done in partnership with volunteers from the Kennebec Lake Association under the leadership of the Lake Steward, Bernie Dertinger.

COMMUNITY FISHERIES INVOLVEMENT PROGRAMS FISHERIES SURVEYS

1. Creel Survey on Eagle Lake

A Creel survey is a survey that measures angling pressure on a lake's fish by counting fishing boats and interviewing anglers about their catch. This survey takes place throughout the fishing season (starting at opening of Lake Trout in this case) on different days of the week and times of day to get a sample of all fishing. The FSC used interns and summer students paired with volunteers from the Eagle Lake Property Owner's Association to complete a Creel survey on Eagle Lake this summer. Thank you to Irv Dardick from ELPOA for participating and coordinating as well as to Larry Cameron, Mary Ritter, Hiroshi Nishimura, Jim Bradley, Roland Boegman, Bill Bowick and Mike Day for their time and use of their boats.

2. Near-Shore Community Index Netting (NSCIN) on Buck Lake

NSCIN utilizes trap-nets set near to the shore to sample the fish population that lives in the littoral zone of the lake- the most productive part. This requires setting the nets, leaving them overnight for fish to become trapped and then lifting the net the next day and recording the species and size of all the fish. Scale samples for aging fish were also taken for the first 10 fish of each age class. This will help determine the size, health and distribution of the fish in the lake.

FSC completed a NSCIN survey on Buck Lake in August and September of 2010 using their intern and coordinator. Volunteers Roy Mills and Duncan Sinclair of the Buck Lake Association helped by

helping to organize the survey, offering their time to help in the boat and providing boats to perform the survey from.

Roy also assisted by taking temperature and oxygen data around the lake. MNR assisted by providing netting equipment and some staff (when needed in addition to FSC coordinator and intern).

3. Forage fish survey on Kennebec Lake

In August of 2010 FSC performed a small-mesh gillnet survey on Kennebec Lake. This survey used the methods used in the MNR's Broadscale Monitoring program, but only in the smaller mesh sizes. The purpose of this survey was to find out the species, populations, distribution and ages of small fish (that may be food sources for larger game fish) on the lake. FSC provided their intern for a week and organized the survey. Bernie Dertinger from Kennebec Lake Association volunteered his time to assist in the survey as well as provided the boat. MNR assisted by providing netting equipment and a summer student to complete the survey.

All of these projects were made possible through funding from the Community Fisheries and Wildlife Involvement Program.

PUBLIC TALKS AND WORKSHOPS

1. Black Bears

Dr. Martyn Obbard of the MNR presented information on black bears in Northbrook on June 19, 2010. Partners included the Lennox & Addington Stewardship Council and the Hastings Stewardship Council. Dr. Obbard, a bear research scientist, provided up-to-date information on bear biology, movements, behaviour and bear-human conflicts. There was also a presentation on the bear wise program on how reduce bear-human conflicts.

2. Climate Change

Gary Nielsen, Climate Change Project Coordinator with the Ministry of Natural Resources, discussed how to adapt to new conditions, how to maintain resources for the harvesting of wood products and how to manage our natural ecosystems to maintain biodiversity in Plevna on June 8, 2010.

3. Bald Eagles

Bud Andress of the Bald Eagle recovery team spoke to a group in Sharbot Lake on July 10, 2010. This talk was organized in partnership with the Kennebec Lake Association. Mr Andress talked about the bald eagle, its recovery and the ongoing research into this magnificent bird of prey.

4. Fish 101 Workshop

This workshop was led by FSC Coordinator Cam McCauley in August of 2010 on Desert Lake, and was delivered in partnership with Desert Lake Family Resort. The workshop talked about basic fish information and demonstrated methods for fish netting to members of Lake Associations to increase their understanding of their lakes and sampling methods used.

5. Songbirds

Bridget Stuchbury spoke in Belleville on September 9th, 2010 about area songbirds. This talk was held in partnership with Hastings and L&A Stewardship Councils. Ms. Stuchbury is the author of the book *Silence of the Songbirds* and talked about the risk facing these species.

6. Elk

Mike Allan of MNR made a presentation on elk in Storrington on October 28th, 2010. This talk covered the history of elk in Ontario, the re-introduction of elk in this region and the future of elk in the province.

The Stewardship Council would like to thank all of the speakers at these events for their time and the fascinating talks they gave.

Other Projects

1. Naturally Rich Frontenacs- Meghan to insert
2. FSC Coordinator, intern and summer students created Lake Summaries for Desert Lake, Buck Lake, Kennebec Lake, Eagle Lake and have partly completed Sharbot Lake. These summaries assist in relaying data to Lake Associations for incorporation into lake management planning. Much of this information, such as the results of fish netting surveys is only available in a hard copy file at the MNR office at the present time. Hopefully we will be able to create summaries for more lakes as time and staff allow.

Attendance at events

The Frontenac Stewardship Council, through the coordinator, interns and council members promotes awareness of the council and provides information about stewardship by attending public events. In the 2010/11 year, some events attended included:

- The Frontenac County Plowing match
- Lake Links event and planning meetings
- The Trenton Woodlot conference
- Plevna Craft Fair
- Friends of Buck Lake “Birds of Prey” talk
- Bobs & Crow Lake Association AGM

Funding for projects

The Frontenac Stewardship Council also provides support through funding and information to other organizations doing work within our mandate. In 2010/11, some supported projects included:

- Funding to Acorn Environmental Limited to plant large trees in Loughborough SS yard
- Provided funding to French Enviro-thon at a camp on Wolfe Lake and council member Jocelyne Steeves provided support by helping judge this event
- Donated \$1000 toward development of Nature In Deed website created by Lanark SC

2011/2012 Annual Work Plan

2011/12 Frontenac Stewardship Projects

Community Fisheries & Wildlife Involvement Program (CFWIP)

1. End Creek in Buck Bay of Bobs Lake, walleye spawning enhancement

The FSC will work with the Bob's and Crow Lakes Association to clean channel and rapids in End Creek, in Buck Bay (Bobs Lake) and place cobble to enhance walleye spawning opportunities.

2. Campsell Creek in Green Bay of Bobs Lake, walleye spawning enhancement

The FSC will work with the Bob's and Crow Lakes Association to add rock and cobble immediately downstream of perched culverts to afford access to historical spawning areas upstream of the culverts. The culverts were installed by South Frontenac Tp. two years ago to replace an old bridge. There is some initial interest by Tp. to partner with us and Bobs Lake Assoc. on this project.

3. Fish Creek in main basin of Bobs Lake, walleye spawning enhancement

FSC will work with the Bob's and Crow Lakes Association on a third spawning enhancement site, this one on Fish Creek. This will include cleaning out debris in the stream channel and adding rock where appropriate. This project requires landowner permission that has not been obtained at this time, so is still unconfirmed.

4. Monin Property Wildlife Habitat Enhancement – Bobs Lake

FSC will work with a private landowner to plant food plots for wildlife such as clover, shrubs and wild rice. FSC will also coordinate with DU to get nest boxes installed. Part of this project will include developing a stewardship plan for this 20 acre property.

5. Kennebec Lake Fish Community Assessment

FSC will work with the Kennebec Lake Association to expand the fisheries data on the lake. This will involve carrying out a gill-netting protocol in the summer of 2011. This protocol will follow the MNR's Broad Scale Monitoring protocol and thus allow information gathered to be compared to other lakes. FSC contribution will include time and advice of coordinator and summer students for about 5 days.

6. Family Fishing Days (Summer 2011 & Winter 2012)

FSC will continue to hold events on family fishing days promoted by MNR and OFAH. We will again partner with the Verona Community Association to hold an event in McMullen Park on the July fishing day. This will include free fishing, bbq and prizes for kids.

We also hope to hold a family fishing day on Desert Lake in partnership with Desert Lake Family resort on the February 2012 fishing week-end. As ice conditions did not allow this event in 2011, we recognize that weather will always play a role. The winter event would include pre-drilled fishing holes, bbq, prizes and skating. FSC will contribute news releases, assistance planning, setting up and running event and paying for some prizes.

7. Wildlife Habitat Enhancement on Boyle property

FSC will work with a private landowner, Patrick Boyle, located near Arden to develop a stewardship plan for this 70 acre piece of property. This will include planting clover and other wildlife plants/shrubs plus sowing wild rice and installing duck nesting boxes. FSC contribution will include technical guidance and perhaps forestry extension services toward developing a Forest Management Plan. Ducks Unlimited will contribute technical advise and duck nesting boxes. Patrick is also interested in having the wetlands on his property evaluated so FSC will pursue funding opportunities to accomplish this.

Other projects:

1. Development of a stewardship plan for the Webb property on Wolfe Island

FSC will work with landowner Lisa Webb in partnership with Cataraqi Conservation Authority to plant trees and potential partnership with Ducks Unlimited to enhance the wetland on Webb property and adjacent lands. The FSC contribution will include technical guidance and perhaps forestry extension services toward developing a Forest Management Plan.

2. Whitefish & Cisco Workshop

The Bobs & Crow Lake Assoc. would like to partner with FSC to offer a workshop to local anglers aimed at fishing for underutilized species such as whitefish & cisco. It is hoped that angling for these species might divert some pressure off more sought species such as walleye, lake trout, bass. The workshop would be offered at the Crow Lake Village community centre in September 2011. FSC contribution: may include advertisements, paying for professional whitefish/cisco angler (Wil Wegman) to lead the workshop.

3. Lake Plan & Report Study

FSC will partner with the County of Frontenac to have a study of lake plans completed. The RFP for this project was posted in January 2011 and the contract granted in February, but most of the work done by the consultant, Meridian Planning, will occur in the spring, summer and fall of 2011. This study will determine which lakes have lake associations and what type of lake planning they have undertaken to date. This will help the council and county determine which lakes may need stewardship guidance and which can be used as good examples. This will also help the council form new relationships with lake associations and provide assistance to people thinking of starting up lake associations. The final outcome of this study will include a report as well as mapping that can be incorporated into other systems.

4. Development of Forestry Extension Services Program

A committee of FSC council members has been formed to create a program to assist landowners in our county with forest management. This program may be extended to include other ecosystems such as wetlands and grasslands. The committee will work with other organizations such as the local chapter of the Ontario Woodlot Association to determine the needs of the community and create a program to best assist them.

5. Development of Frontenac County Stewardship Plan

A committee of FSC Council members has been formed to create a stewardship strategy for Frontenac County. The purpose of the strategy is to focus the efforts of the council on the things we feel are most important. This will also allow us to be clear on our mandate when we are being asked to participate in or fund projects from other groups or individuals. The first step in this process is to collect background information on what we know about the features of the county. This will likely be a multi-year project.

6. Frontenac Stewardship Council Education Award

FSC recently created an education award in memory of FSC member Jim Day. The deadline for students to apply for this award is in May 2011. After applications are received, a committee will review them and choose the winners of the bursary. An FSC member will also present the award to the recipient at their graduation if possible.

7. Septage haulage and septic inspection awareness program

In the 2010/11 council year, FSC in partnership with GKR Consulting created the *Water Access Septage Haulage Feasibility Study*. In 2011/12, FSC would like to promote this study to the township councils in our county to raise awareness of this issue and to encourage incorporation of septage plans into official plans. FSC may also work with willing townships to coordinate the implementation of the recommendations of this study.

8. TD Tree Day

FSC plans to again work with Tree Canada, TD Trust and the City of Kingston to plant trees in Dunham Park. This will include coordinating site preparation, purchasing trees, mulch, weed mats and tree collars. Tree Canada provides reimbursement for most of the costs. TD Trust will provide volunteers. FSC will purchase a sign for this site and arrange media coverage for planting day. The planting will occur in September 2011.

9. Species At Risk Fund project

FSC has applied for funding from this opportunity to raise awareness of key Species At Risk in Frontenac County such as Common Five-lined Skink, Gray Ratsnake, Whip-poor-will, bobolink, American eel and Lake Sturgeon. This is in partnership with Land Conservancy Kingston, Frontenac and Lennox & Addington, City of Kingston and various Lake Associations to develop posters and laminated identification products that also identify what local residents can do to help these Species At Risk. FSC also proposed offering a couple workshops to local residents to raise awareness of the species and demonstrate how they can get involved to help habitat, etc. If the funding is approved for the full amount, FSC will also hire two students to inspect all barriers to American eel and Lake Sturgeon on the quaternary watersheds of Salmon, Napanee and Rideau (2HM-02, 2HM-03 & 2MA-06) in partnership with LASC.

10. Tetsmine Lake Brook Trout Assessment

Tetsmine Lake is located in Frontenac Provincial Park and has been historically stocked with brook trout. Anecdotal information suggests that the brook trout are successfully spawning in this lake. To test this, no fish stocking has occurred in this lake since 2008 with plans to carry out a netting survey in 2011. Netting will confirm presence of young brook trout (age-1 to age-2) and abundance of these year classes thus confirming success of natural spawning. An absence of these year classes of brook trout will confirm that natural spawning is not occurring at levels that will sustain a fishery and stocking will resume. FSC summer experience students and the coordinator will partner with Frontenac Park staff to carry out 4 days of netting. Park staff will supply boats, motors and MNR will supply nets and sampling gear. The Park will pay for aging of the captured brook trout and FSC will contribute some money toward purchase of an extra net (to be voted on by Council members)

11. Standard Lake Trout Test Netting on Devil Lake

The Devil Lake Association and other residents of Devil Lake are concerned about low lake trout and cisco abundance in their lake. They have offered to help carry out a standard survey of the cold water fish community on this lake. FSC summer experience students with guidance from MNR staff will update the depth map on this lake then carry out a Summer Profundal Index Netting survey during the summer 2011. Residents will help with the netting and provide overnight dockage facilities. Nets will be provided by the Muskoka Lakes Fisheries Assessment Unit and other sampling gear/boats will be provide by Kingston MNR. Aging of scales from captured fish will be paid for in part by the Devil Lake Assoc. and in part by the FSC (the amount of this will be voted on by Council once \$\$ amount is confirmed). The Kingston MNR may also be able to pay for part of the aging.

12. Fish 101 Workshop

FSC will partner with Community Stewardship Council of Lanark County and Kemptville MNR, offer lake association representatives from Lanark & Frontenac County a workshop similar to the Fish 101 workshop offered by FSC during summer 2010 which included basic fish information and netting demonstrations. The Community Stewardship Council of Lanark County would organize the venue in Lanark County and coordinate invitations, Kemptville MNR biologist & staff would assist FSC coordinator to offer presentations and both Councils would pay for food, beverages and the venue. The amount paid per Council would be based upon the percentage of participants from each County.

13. Other talks and workshops

FSC is working on organizing talks for 2011/12. Potential topics include coyotes or other wildlife, invasive species, food and the landscape, species at risk and wetlands.

14. Water unit

FSC continues to work on this multi-year project with area teachers. This project will create a grade 8 curriculum package that can be used by teachers to fulfill the curriculum requirements and

also teach about the importance of water and the threats to aquatic health. A few set-backs have been experienced but we are hopeful that we will be able to complete this project in time for the 2012 school year, if not before.