

OTTY LAKE ASSOCIATION'S COMMUNITY PARTNERS - December 2014

Our Community Partner	Prime OLA Director	Our Successes	Our Future Programs
Algonquin to Adirondacks Conservation Association		Issue 1: Surface Water Quality	
		In 2010, the OLA produced the Otty Lake Shoreline Handbook in partnership with the Algonquin to Adirondacks Conservation Association, the Centre for Sustainable Watersheds and the RVCA. The handbook was adapted to apply to the Otty Lake watershed and was delivered to 525 Otty Lake shoreline and near-shoreline property owners. The goal of the handbook was to provide practical, environmentally friendly resources and guidelines to seasonal and permanent residents.	Update the Otty Lake Shoreline Handbook as required.
Bird Studies Canada		Issue 6: Fish and Wildlife Health	Issue 6: Fish and Wildlife Health
		The OLA continues to participate in Bird Studies Canada’s Canadian Lakes Loon Survey. Individual residents participate in surveys such as “Feeder Watch,” “Frog Watch” and “Turtle Tally.”	The OLA should continue to participate in the Canadian Lakes Loon Survey, monitor the loon population of the lake and ensure habitat for loons is protected.
Caduceon Environmental Laboratories		Issue 3: Ground Water Quality and Quantity	
		In partnership the OLA provided an extensive Well Water Testing Package to an Otty Lake resident as a door prize at the 2012 AGM.	
Canadian Wildlife Federation		Issue 1: Surface Water Quality	
		An Otty Lake Shoreline Survey, completed in 2013 under the Love Your Lake Program in partnership with the Centre for Sustainable Watersheds and Canadian Wildlife Federation, provided shoreline residents with information about their individual shoreline properties. It made recommendations for shoreline stewardship actions. This 2013 Shoreline Survey provided an opportunity for the OLA to compare the state of the shoreline in 2013 with that described in the 2005 survey and to assess the possible benefits of the stewardship education programs (including the shoreline naturalization projects) that have been carried out since 2005.	
		Issue 6: Fish and Wildlife Health	

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		<p>In July 2012, a second Otty Lake BioBlitz took place at Scout Camp Whispering Pines on the south-west shore of Otty Lake. Again, the community had an opportunity to learn more about the natural world around them, and the lake association added to the database of information available about the watershed. The OLA partnered with RVCA, Community Stewardship Council of Lanark County, Centre for Sustainable Watersheds, Canadian Wildlife Federation and others.</p>	
<p>Centre for Sustainable Watersheds</p>		<p>Otty Lake Management Plan</p>	
		<p>Provided input on goals, objectives, action strategies</p>	
		<p>Issue 1: Surface Water Quality</p>	
		<p>In 2010, the OLA produced the Otty Lake Shoreline Handbook in partnership with the Algonquin to Adirondacks Conservation Association, the Centre for Sustainable Watersheds and the RVCA. The handbook was adapted to apply to the Otty Lake watershed and was delivered to 525 Otty Lake shoreline and near-shoreline property owners. The goal of the handbook was to provide practical, environmentally friendly resources and guidelines to seasonal and permanent residents.</p>	<p>Update the Otty Lake Shoreline Handbook as required.</p>
		<p>An Otty Lake Shoreline Survey, completed in 2013 under the Love Your Lake Program in partnership with the Centre for Sustainable Watersheds and Canadian Wildlife Federation, provided shoreline residents with information about their individual shoreline properties. It made recommendations for shoreline stewardship actions. This 2013 Shoreline Survey provided an opportunity for the OLA to compare the state of the shoreline in 2013 with that described in the 2005 survey and to assess the possible benefits of the stewardship education programs (including the shoreline naturalization projects) that have been carried out since 2005.</p>	<p>Following up from the 2013 Otty Lake Shoreline Survey, OLA should discuss further with RVCA the opportunity to obtain shoreline classification mapping which would help to compare the 2013 shoreline with that described in the 2005 shoreline survey.</p>
<p>Issue 6: Fish and Wildlife Health</p>			

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		<p>In May 2010, the OLA in partnership with agencies such as RVCA, the Community Stewardship Council of Lanark County, the Rideau Valley Field Naturalists and the Centre for Sustainable Watersheds conducted a 24 hour BioBlitz on private properties at the outlet of Otty Lake to Jebbs Creek. Information gathered during the BioBlitz added to the database of information collected for the 2007 Report on the State of Otty Lake and its Watershed. It also provided a wonderful opportunity for members of the community to work with scientists and local experts to observe and learn more about the flora and fauna around them.</p>	
		<p>In July 2012, a second Otty Lake BioBlitz took place at Scout Camp Whispering Pines on the south-west shore of Otty Lake. Again, the community had an opportunity to learn more about the natural world around them, and the lake association added to the database of information available about the watershed. The OLA partnered with RVCA, Community Stewardship Council of Lanark County, Centre for Sustainable Watersheds, Canadian Wildlife Federation and others.</p>	
		<p>Issue 8: Shoreline Protection and Health</p>	<p>Issue 8: Shoreline Protection and Health</p>
		<p>In 2008, partnering with the Federation of Ontario Cottagers' Association and the Centre for Sustainable Watersheds, the OLA offered "Docktalk," a workshop focused on using native plants and raising awareness of concerns about invasive species.</p>	
		<p>In 2013, the OLA partnered with the Centre for Sustainable Watershed's Love Your Lake program to conduct a survey of the Otty Lake shoreline. Shoreline residents received feedback sheets and recommendations. This survey provided an opportunity to compare the state of the 2013 shoreline with that in 2005.</p>	<p>To follow-up on the 2013 Love Your Lake shoreline survey reports, Otty Lake residents are encouraged to implement the recommendations for protection and enhancement of shoreline buffers. The individual shoreline reports were distributed in the spring of 2014. Property owners were encouraged to participate in the OLA 2014 shoreline planting program and to consider applying for one of the five free Otty Lake shoreline naturalization projects funded by Fisheries and Oceans Canada.</p>
<p>CGIS Spatial Solutions</p>		<p>Otty Lake Management Plan Provided input on goals, objectives, action strategies</p>	
<p>Citizens' Mining Advisory Group</p>		<p>Otty Lake Management Plan</p>	

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		<p>Provided input on goals, objectives, action strategies</p> <p>Issue 3: Ground Water Quality and Quantity</p> <p>The Mining Amendment Act, passed in October 2009, ensured that ground water in the Otty Lake watershed has protection from the impact of mining activities. Property owners with 'surface rights only' are no longer vulnerable to staking and now have more control over what happens on their properties.</p> <p>Issue 7: Mining</p> <p>The OLA along with the Citizens Mining Advisory Group, the Lake Networking Group and many other organizations and individuals across Ontario participated in the consultation process that provided input to the Ontario Government about this legislation.</p>	
<p>Drummond/North Elmsley Township (D/NE)</p>	<p>Peter Siemons</p>	<p>General: relationship with OLA led to septic reinspection programs now in place. OLA long-term relationship with D/NE has fostered a much stronger awareness of the importance of protecting wetlands, the lake and the shoreline during development and re-development discussions. D/NE supports OLA Pitch-in Program. D/NE has provided financial contributions towards OLA stewardship activities.</p> <p>Otty Lake Management Plan (OLMP)</p> <p>Provided input on goals, objectives, action strategies</p> <p>Issue 1: Surface Water Quality</p> <p>In 2008, D/NE established a voluntary septic re-inspection program for Otty Lake shoreline properties with systems older than nine years. In 2009, the Mississippi Rideau Septic System Office began to conduct the re-inspections on behalf of D/NE. The D/NE Township Septic System Re-inspection Program became mandatory in 2012. As of May 2014, six D/NE Township septic systems older than nine years on Otty Lake shoreline properties remain to be inspected. D/NE Township Council has committed that these last six septic systems will be inspected by the end of the summer of 2014.</p> <p>Issue 3: Ground Water Quality and Quantity</p> <p>Issue 5: Development Pressure</p>	<p>Continue to foster this important relationship.</p> <p>Issue 3: Ground Water Quality and Quantity</p> <p>The OLA should continue to support the work of D/NE Township to provide ongoing septic re-inspection programs.</p> <p>Issue 5: Development Pressure</p>

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		<p>The OLA encourages both TVT and D/NE Township to limit disturbance to shoreline properties during development and re-development.</p>	<p>Existing communication links between the OLA and the municipalities of TVT and D/NE Township should be continued and strengthened.</p>
		<p>The OLMP was recognized in the 2012 revision of the D/NE Township Official Plan</p>	<p>The OLA should support the continuation of the TVT and D/NE Township septic re-inspection Programs.</p>
			<p>The OLA should work with TVT, D/NE Township, the RVCA and residents to ensure that buffer areas, natural areas, and wetlands are protected during and after development. For example, this protection could include limiting disturbance of waterfronts and maintaining or expanding vegetated shoreline buffers.</p>
			<p>Issue 8: Shoreline Protection and Health</p>
			<p>The OLA should work with the RVCA and the municipalities to identify the location of locally significant wetlands within the Otty Lake watershed.</p>
			<p>The OLA should encourage the municipalities to establish by-laws to ensure healthy shoreline buffers.</p>
			<p>☐ The OLA should continue to encourage the municipalities to develop, implement and enforce site plan policies, by-laws and guidelines to ensure the Otty Lake 'ribbon of life' is protected.</p>
			<p>☐ The OLA should encourage the municipalities to develop a monitoring and re-inspection program to ensure that site control or development conditions are met.</p>
			<p>Issue 12: Climate Change</p>
			<p>The OLA must work in partnership with TVT, D/NE Township, MNR, the RVCA and other concerned organizations to understand more about climate change and to develop a strategy to adapt to and mitigate its effects on the lake and its watershed.</p>
<p>Federation of Ontario Cottagers' Association (FOCA)</p>		<p>Issue 8: Shoreline Protection and Health</p>	

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		<p>In 2008, partnering with the Federation of Ontario Cottagers' Association and the Centre for Sustainable Watersheds, the OLA offered "Docktalk," a workshop focused on using native plants and raising awareness of concerns about invasive species.</p>	
<p>Fisheries and Oceans Canada</p>		<p>Otty Lake Management Plan</p>	
		<p>Provided financial support for Lake Management Planning Program under which the OLMP was developed.</p>	
			<p>Issue 8: Shoreline Protection and Health To follow-up on the 2013 Love Your Lake shoreline survey reports, Otty Lake residents are encouraged to implement the recommendations for protection and enhancement of shoreline buffers. The individual shoreline reports were distributed in the spring of 2014. Additional property owners participated in the OLA 2014 shoreline planting program. Property owners should consider applying for one of the five free Otty Lake shoreline naturalization projects funded by Fisheries and Oceans Canada.</p>
<p>Friends of the Tay Watershed (FoTW)</p>	<p>Robert Cosh</p>	<p>Otty Lake Management Plan</p>	
		<p>Provided input on goals, objectives, action strategies. FoTW was lead applicant for the 2005 Trillium Grant which led to the establishment of the Lake Management Planning Program. Otty's LMP was developed with the guidance and support of the Lake Management Planning Program.</p>	
		<p>Issue 2: Aquatic Vegetation Friends of the Tay Watershed was the lead applicant for a Trillium grant to study increased aquatic vegetation and algae. The OLA and other local lake groups supported the application. On April 1, 2014, funding was approved for the project "People, Aquatic Plants and Healthy Lakes: Finding the Balance in Eastern Ontario's Lake Country."</p>	<p>Issue 2: Aquatic Vegetation Continue to work together on this project.</p>
<p>Lake Networking Group</p>		<p>Issue 1: Surface Water Quality</p>	

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		<p>In August 2012, the OLA partnered with the Lake Networking Group and other local lake associations to provide a workshop which featured septic system experts and provided an opportunity for local residents to learn more about maintaining a healthy septic system.</p>	
		<p>Issue 6: Fish and Wildlife Health</p>	
		<p>In 2011 the OLA partnered with the Lake Networking Group, MNR and the Community Stewardship Council of Lanark County to offer a “Fish 101 Workshop” to representatives of local lake communities.</p>	
		<p>Issue 7: Mining</p>	
		<p>The OLA along with the Citizens Mining Advisory Group, the Lake Networking Group and many other organizations and individuals across Ontario participated in the consultation process that provided input to the Ontario Government about this legislation.</p>	
		<p>Issue 8: Shoreline Protection and Health</p>	
		<p>In 2008, the OLA worked with the Lake Networking Group, Community Stewardship Council of Lanark County, RVCA and TVT to offer two workshops about native plants.</p>	
			<p>Issue 9: Impacts of Boating</p>
			<p>The OLA should encourage the development of guidelines for boating, such as the “Watch Your Wake” materials provided through the Lake Networking Group.</p>
		<p>Issue 11: Partnerships in Lake Management</p>	
		<p>The OLA maintains a strong relationship with other local lake associations through the Lake Networking Group. The various lake groups support one another and learn from one another’s experiences.</p>	
		<p>Issue 12: Climate Change</p>	
		<p>The OLA, as part of the Lake Networking Group, has benefitted from information about climate change prepared by a water resources engineer at Mississippi Valley Conservation.</p>	
<p>Lanark & District Maple Syrup Producers Association</p>		<p>Otty Lake Management Plan</p>	
		<p>Provided input on goals, objectives, action strategies</p>	
<p>Lanark County</p>		<p>Issue 5: Development Pressure</p>	

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		<p>Lanark County’s Sustainable Communities Official Plan has been completed. It was approved by the province and came into effect on May 28, 2013. A copy of the County Official Plan is on the County’s website.</p>	
		<p>Issue 6: Fish and Wildlife Health</p>	
		<p>In May 2010, the OLA in partnership with agencies such as RVCA, the Community Stewardship Council of Lanark County, the Rideau Valley Field Naturalists and the Centre for Sustainable Watersheds conducted a 24 hour BioBlitz on private properties at the outlet of Otty Lake to Jebbs Creek. Information gathered during the BioBlitz added to the database of information collected for the 2007 Report on the State of Otty Lake and its Watershed. It also provided a wonderful opportunity for members of the community to work with scientists and local experts to observe and learn more about the flora and fauna around them.</p>	
		<p>In July 2012, a second Otty Lake BioBlitz took place at Scout Camp Whispering Pines on the south-west shore of Otty Lake. Again, the community had an opportunity to learn more about the natural world around them, and the lake association added to the database of information available about the watershed. The OLA partnered with RVCA, Community Stewardship Council of Lanark County, Centre for Sustainable Watersheds, Canadian Wildlife Federation and others.</p>	
		<p>In 2011 the OLA partnered with the Lake Networking Group, MNR and the Community Stewardship Council of Lanark County to offer a “Fish 101 Workshop” to representatives of local lake communities.</p>	
		<p>Issue 8: Shoreline Protection and Health</p>	
		<p>In 2008, the OLA worked with the Lake Networking Group, Community Stewardship Council of Lanark County, RVCA and TVT to offer two workshops about native plants.</p>	
<p>Leeds, Grenville and Lanark District Health Unit</p>		<p>Otty Lake Management Plan</p>	
		<p>Provided input on goals, objectives, action strategies</p>	
		<p>Issue 1: Surface Water Quality</p>	<p>Issue 1: Surface Water Quality</p>

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		<p>In 2008, the Leeds, Grenville and Lanark Health Unit assisted D/NE Township in establishing a voluntary septic re-inspection program for Otty Lake shoreline properties with systems older than nine years.</p>	<p>OLA should continue this partnership to provide the supports for the water quality monitoring programs</p>
			<p>Issue 3: Ground Water Quality and Quantity</p>
			<p>The OLA should support the Health Unit in work they do to ensure an updated database of all—old and new—wells in the Otty Lake watershed.</p>
<p>Ministry of the Environment (MOE)</p>		<p>Otty Lake Management Plan</p>	
		<p>Provided input on goals, objectives, action strategies</p>	
		<p>Issue 1: Surface Water Quality</p>	<p>Issue 1: Surface Water Quality</p>
		<p>OLA volunteers participated in the MOE's Lake Partner program since its inception in 2002, sampling for Total Phosphorus & measuring water clarity 6 times annually. In addition, since 2012, these volunteers have taken additional Total Phosphorous & Nitrogen samples at various deep water & shoreline sites, under an augmented OLA water quality monitoring program.</p>	<p>OLA should continue this partnership to provide the supports for the water quality monitoring programs</p>
			<p>Issue 3: Ground Water Quality and Quantity</p>
			<p>The OLA should support MOE in work they do to ensure an updated database of all—old and new—wells in the Otty Lake watershed.</p>
		<p>Issue 5: Development Pressures</p>	
		<p>In 2008, MOE assessed the carrying capacity of several lakes in the Tay Watershed, including Otty, using the MOE phosphorus model. However, by 2013, it was generally agreed that the assumptions used in the MOE model for the phosphorous inputs from shoreline septic systems were not accurate.</p>	
<p>Ministry of Natural Resources</p>		<p>Otty Lake Management Plan</p>	
		<p>Provided input on goals, objectives, action strategies</p>	
		<p>Issue 1: Surface Water Quality</p>	<p>Issue 1: Surface Water Quality</p>
		<p>Promote sustainable, lake friendly actions to manage excessive aquatic vegetation growth</p>	<p>OLA should continue this partnership to provide the supports for the water quality monitoring programs</p>
			<p>Issue 2: Aquatic Vegetation</p>

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			Independent research and research conducted with MNR should find a reasoned, balanced approach to the current proliferation of green algae.
		<p>Issue 5: Development Pressures</p> <p>The OLA works with RVCA, MNR and the municipalities to provide updated information about water quality and fish and wildlife habitat. It thus gives the municipalities solid background information for development decisions that have the potential to impact on Otty Lake. It also provides Otty Lake landowners with additional information about lake and the watershed.</p>	
		<p>Issue 6: Fish and Wildlife Health</p> <p>The most recent MNR on-lake study of the Otty Lake fishery was the Nursery Habitat Assessment Report of 2007. It gathered information about areas of critical fish habitat.</p>	<p>Issue 6: Fish and Wildlife Health</p> <p>The OLA should continue to identify species at risk in the watershed and partner with MNR to enhance and protect existing habitat.</p>
		<p>In 2011 the OLA partnered with the Lake Networking Group, MNR and the Community Stewardship Council of Lanark County to offer a “Fish 101 Workshop” to representatives of local lake communities.</p>	
		<p>In September 2013, the OLA established a committee to look at the need for stewardship activities to protect the plants and animals whose habitat is the Crown-owned islands on Otty. The committee will work closely with MNR.</p>	
			<p>Issue 12: Climate Change</p> <p>The OLA must work in partnership with TVT, D/NE Township, MNR, the RVCA and other concerned organizations to understand more about climate change and to develop a strategy to adapt to and mitigate its effects on the lake and its watershed.</p>
<p>Mississippi-Rideau Source Protection Committee</p>			<p>Issue 3: Ground Water Quality and Quantity</p> <p>The OLA should work with the Mississippi-Rideau Source Protection Committee to understand the implications for Otty Lake of the Clean Water Act.</p>
<p>Ontario Provincial Police (OPP)</p>		<p>Otty Lake Management Plan</p> <p>Provided input on goals, objectives, action strategies</p> <p>Issue 9: Impacts of Boating</p>	

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		The Marine Patrol of the OPP has participated in the AGM, and the OLA has published stats about charges and warnings when they are available. The OLA participates in twice yearly meetings between the OPP and lake associations. The OPP Marine Patrols are welcomed on Otty Lake to enforce existing regulations.	
Ontario Trillium Foundation		Otty Lake Management Plan Provided financial support for Lake Management Planning Program under which the OLMP was developed.	
Rideau Environmental Action League (REAL) & LLGreen Communities		Otty Lake Management Plan Provided input on goals, objectives, action strategies	
Rideau Lakes Environmental Foundation		Otty Lake Management Plan Provided financial support for Lake Management Planning Program under which the OLMP was developed.	
Rideau Valley Conservation Authority (RVCA)	Karen Hunt/Robert Cosh	Otty Lake Management Plan Provided input on goals, objectives, action strategies Report on the State of Otty Lake and its Watershed Core partner in the development of this report and has been an integral part of many of the activities undertaken to implement the recommendations of the Otty Lake Management Plan Issue 1: Surface Water Quality OLA volunteers have helped the RVCA carry out its Watershed Watch monitoring program on Otty Lake, measuring parameters including Total Phosphorous, Nitrogen, E. coli, pH, conductivity, the level of dissolved oxygen in the water, and water temperatures. OLA volunteers assist the RVCA to monitor Otty Lake invasive species such as zebra mussels and to carry out a program for monitoring macro-invertebrates in the benthic zone as an indicator of lake health.	Issue 1: Surface Water Quality OLA should continue this partnership to provide the supports for the water quality monitoring programs RVCA should be encouraged to continue its active involvement in monitoring water quality at Otty Lake through programs such as the Watershed Watch program and monitoring for invasive species and benthic invertebrates.

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		<p>In 2010, the OLA produced the Otty Lake Shoreline Handbook in partnership with the Algonquin to Adirondacks Conservation Association, the Centre for Sustainable Watersheds and the RVCA. The handbook was adapted to apply to the Otty Lake watershed and was delivered to 525 Otty Lake shoreline and near-shoreline property owners. The goal of the handbook was to provide practical, environmentally friendly resources and guidelines to seasonal and permanent residents.</p>	<p>Update the Otty Lake Shoreline Handbook as required.</p>
		<p>In 2009, 2010, and 2012, the OLA, in partnership with the RVCA's Shoreline Naturalization Program, provided opportunities for members of the community to purchase native shrubs for shoreline plantings at reduced rates. In 2013, the native shrubs were available at no cost to shoreline residents as the RVCA covered the full cost in a special 2013 Tay watershed program. As well, in 2013, wildflowers were available at a discounted price through the Otty Lake shoreline planting program.</p>	
		Issue 2: Aquatic Vegetation	Issue 2: Aquatic Vegetation
			<p>Independent research and research conducted with RVCA should find a reasoned, balanced approach to the current proliferation of green algae.</p>
		<p>During the summer of 2013 the RVCA invited cottagers and residents in the Rideau watershed to respond to a research survey about aquatic vegetation. The largest number of responses from within the watershed came from Otty Lake cottagers and residents. The RVCA used this survey to support an application for a Trillium grant for education stewardship workshops and university research. Friends of the Tay Watershed was the lead applicant, and the OLA and other local lake groups supported the application. On April 1, 2014, funding was approved for the project "People, Aquatic Plants and Healthy Lakes: Finding the Balance in Eastern Ontario's Lake Country."</p>	<p>Work with RVCA on the "People, Aquatic Plants and Healthy Lakes: Finding the Balance in Eastern Ontario's Lake Country" project.</p>
			Issue 3: Ground Water Quality and Quantity
			<p>The OLA should work with the RVCA to understand the implications for Otty Lake of the Clean Water Act.</p>
		Issue 4: Water Levels	Issue 4: Water Levels

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		<p>The OLA and the RVCA both measure Otty Lake water levels and maintain records. The RVCA installed a “log meter gauge” in 2011 to continuously record Otty Lake water levels. Periodic updates are provided to the OLA. An Otty Lake resident’s 30 year record of water levels is available to the OLA.</p> <p>The RVCA has a Beaver Management Package to inform landowners in the Rideau watershed about beaver and dam removal from individual properties.</p> <p>☐ The RVCA determined the Otty Lake flood level in 2011. (See the RVCA Technical Memorandum.) However, the RVCA, which advises local municipalities and the County about applications made under the Planning Act, currently does not yet have the updated topographical mapping needed to show this information on the maps.</p> <p>Issue 5: Development Pressures</p>	<p>The OLA, the RVCA, local municipalities and other partners should continue to monitor climatic conditions on an annual basis and relate this information to water level data and to historical records.</p> <p>☐ As the RVCA’s “log meter gauge” information is now graphed and provided to the OLA, this information should be posted on the OLA website.</p> <p>Once better topographical mapping is available, RVCA will be able to plot on maps the extent of land that might flood around Otty Lake. Flood plain mapping will be discussed with the municipalities and the OLA before the mapping is used to further implement the regulations concerning building within the flood prone area. A public meeting will also form part of the process.</p> <p>Issue 5: Development Pressure</p>
		<p>The OLA works with RVCA, MNR and the municipalities to provide updated information about water quality and fish and wildlife habitat. It thus gives the municipalities solid background information for development decisions that have the potential to impact on Otty Lake. It also provides Otty Lake landowners with additional information about lake and the watershed.</p>	<p>The OLA should work with TVT, D/NE Township, the RVCA and residents to ensure that buffer areas, natural areas, and wetlands are protected during and after development. For example, this protection could include limiting disturbance of waterfronts and maintaining or expanding vegetated shoreline buffers.</p>
		<p>The OLA continues to seek information from and work with the RVCA to develop a way to understand the sensitivity of the lake to development. From 2011-2013, Otty Lake representatives participated in a TVT Interagency Working Group involving RVCA, MVCA MOE, Parks Canada, Farren Lake, Adam Lake, Otty Lake and the Lake Networking Group. This group’s mandate was specifically to look at the sensitivity of Adam and Farren Lakes to development and to make recommendations to municipal council. Recommendations for Adam and Farren Lakes could have an impact on other local lakes</p>	
		<p>Issue 6: Fish and Wildlife Health</p>	<p>Issue 6: Fish and Wildlife Health</p>

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		<p>In May 2010, the OLA in partnership with agencies such as RVCA, the Community Stewardship Council of Lanark County, the Rideau Valley Field Naturalists and the Centre for Sustainable Watersheds conducted a 24 hour BioBlitz on private properties at the outlet of Otty Lake to Jebbs Creek. Information gathered during the BioBlitz added to the database of information collected for the 2007 Report on the State of Otty Lake and its Watershed. It also provided a wonderful opportunity for members of the community to work with scientists and local experts to observe and learn more about the flora and fauna around them.</p>	
		<p>In July 2012, a second Otty Lake BioBlitz took place at Scout Camp Whispering Pines on the south-west shore of Otty Lake. Again, the community had an opportunity to learn more about the natural world around them, and the lake association added to the database of information available about the watershed. The OLA partnered with RVCA, Community Stewardship Council of Lanark County, Centre for Sustainable Watersheds, Canadian Wildlife Federation and others.</p>	
		<p>In October 2013, the OLA and RVCA partnered to build 92 new bass spawning beds in the lake using washed rock and gravel. During this work, RVCA and OLA volunteers submerged some small trees deep in the lake adjacent to spawning areas to provide protection for fish as well as other aquatic creatures. It is planned to monitor these sites in the future. In the spring of 2014, extensive monitoring (both by visual examination and also by underwater camera) of the 2013 bass spawning enhancement sites took place to assess the usage of the new nest sites and underwater wood structures. As well, an extension of the 2013 Fish Habitat Enhancement Project took place in September 2014. Additional new nest sites were created and heavily anchored wood was dropped into pre-selected deeper water (15-25 feet in depth) adjacent to spawning areas. This will provide resting and feeding stations for post-spawn female bass.</p>	<p>Continue to monitor the nesting sites.</p>
		<p>Issue 8: Shoreline Protection and Health</p>	<p>Issue 8: Shoreline Protection and Health</p>

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		Since 2009 the OLA has participated annually in the RVCA's Shoreline Naturalization Program, making shoreline plants available to members of the Otty Lake community at subsidized prices.	The OLA should work with the RVCA and the municipalities to identify the location of locally significant wetlands within the Otty Lake watershed.
		Through a special Tay Watershed program, the RVCA offered free shrubs for shoreline planting in 2013. In addition, the OLA subsidized the cost of a number of wildflowers for Otty Lake shoreline planting	
		Partnering with RVCA, the OLA has offered planting demonstrations in conjunction with the distribution of the shoreline plants.	
		In 2008, the OLA worked with the Lake Networking Group, Community Stewardship Council of Lanark County, RVCA and TVT to offer two workshops about native plants.	
		Issue 9: Impacts of Boating	
		The RVCA works with the OLA every year to monitor invasive species in Otty Lake.	
			Issue 12: Climate Change
			The OLA must work in partnership with TVT, D/NE Township, MNR, the RVCA and other concerned organizations to understand more about climate change and to develop a strategy to adapt to and mitigate its effects on the lake and its watershed.
Rideau Valley Field Naturalists		Issue 6: Fish and Wildlife Health	
		Until 2012 the Rideau Valley Field Naturalists conducted Christmas Bird Counts. These surveys helped monitor the presence of species in the watershed. As follow-up, individuals now have access to a reporting system that allows them to report wildlife presence and behaviour.	

OTTY LAKE ASSOCIATION'S COMMUNITY PARTNERS - December 2014

Our Community Partner	Prime OLA Director	Our Successes	Our Future Programs
		<p>In May 2010, the OLA in partnership with agencies such as RVCA, the Community Stewardship Council of Lanark County, the Rideau Valley Field Naturalists and the Centre for Sustainable Watersheds conducted a 24 hour BioBlitz on private properties at the outlet of Otty Lake to Jebbs Creek. Information gathered during the BioBlitz added to the database of information collected for the 2007 Report on the State of Otty Lake and its Watershed. It also provided a wonderful opportunity for members of the community to work with scientists and local experts to observe and learn more about the flora and fauna around them.</p>	
<p>Rideau Valley Rural Clean Water Program</p>		<p>Issue 3: Ground Water Quality and Quantity</p>	<p>Issue 3: Ground Water Quality and Quantity</p>
		<p>Otty Lake residents are made aware of the funding available through the Rideau Valley Rural Clean Water Program for improvements to wells and septic systems. This information was included in the summer information package and the Otty Lake Shoreline Handbook.</p>	<p>Otty Lake residents should be informed about and encouraged to use the Rideau Valley Rural Clean Water Program and other incentive programs to decommission wells and improve wells and septic systems.</p>
<p>Scouts Canada</p>		<p>Otty Lake Management Plan</p>	
		<p>Provided input on goals, objectives, action strategies</p>	
		<p>Issue 11: Partnerships in Lake Management</p>	
		<p>Scouts Canada, which maintains Camp Whispering Pines on the southwest shore of the lake, has partnered with the OLA on undertakings such as Pitch-In Programs and the 2010 and the 2012 BioBlitzes.</p>	
<p>Tay Valley Township (TVT)</p>	<p>Peter Siemons</p>	<p>General: relationship with OLA led to septic reinspection programs now in place. OLA long-term relationship with TVT has fostered a much stronger awareness of the importance of protecting wetlands, the lake and the shoreline during development and re-development discussions. TVT supports OLA Pitch-in Program.</p>	<p>Continue to foster this important relationship.</p>
		<p>Otty Lake Management Plan (OLMP)</p>	
		<p>Provided input on goals, objectives, action strategies</p>	
		<p>Issue 1: Surface Water Quality</p>	<p>Issue 1: Surface Water Quality</p>

OTTY LAKE ASSOCIATION'S COMMUNITY PARTNERS - December 2014

Our Community Partner	Prime OLA Director	Our Successes	Our Future Programs
		<p>In 2012, following changes to the Ontario Building Code and responding to the concerns of lake associations about the health of their lakes, TVT established a pilot program for mandatory septic re-inspections on Otty and six other lakes in the township. According to schedule, all septic systems older than nine years on Otty Lake shoreline properties were inspected by the summer of 2013.</p>	<p>OLA should continue this partnership to provide the supports for the water quality monitoring programs</p>
		<p>Issue 3: Ground Water Quality and Quantity</p>	<p>Issue 3: Ground Water Quality and Quantity</p>
		<p>TVT expressed its intention to continue the septic re-inspections on a 10 year cycle once all septic systems have had an initial re-inspection.</p>	<p>The OLA should continue to support the work of TVT to provide ongoing septic re-inspection programs.</p>
		<p>Issue 5: Development Pressure</p>	<p>Issue 5: Development Pressure</p>
		<p>The OLA encourages both TVT and D/NE Township to limit disturbance to shoreline properties during development and re-development.</p>	<p>Existing communication links between the OLA and the municipalities of TVT and D/NE Township should be continued and strengthened.</p>
		<p>As TVT revised its Official Plan, the OLMP was recognized in Item 1, Appendix A of the TVT OP in Sep 2014.</p>	<p>The OLA should support the continuation of the TVT and D/NE Township septic re-inspection Programs.</p>
		<p>The OLA works with RVCA, MNR and the municipalities to provide updated information about water quality and fish and wildlife habitat. It thus gives the municipalities solid background information for development decisions that have the potential to impact on Otty Lake. It also provides Otty Lake landowners with additional information about lake and the watershed.</p>	<p>☐ The OLA should continue to work with both TVT and D/NE Township to provide information about Otty Lake and its watershed and to encourage enforcement of consistent, sustainable development and redevelopment standards and policies under the townships' official plans and zoning by-laws.</p>
			<p>The OLA should work with TVT, D/NE Township, the RVCA and residents to ensure that buffer areas, natural areas, and wetlands are protected during and after development. For example, this protection could include limiting disturbance of waterfronts and maintaining or expanding vegetated shoreline buffers.</p>
		<p>Issue 8: Shoreline Protection and Health</p>	<p>Issue 8: Shoreline Protection and Health</p>
		<p>In 2008, the OLA worked with the Lake Networking Group, Community Stewardship Council of Lanark County, RVCA and TVT to offer two workshops about native plants.</p>	<p>The OLA should work with the RVCA and the municipalities to identify the location of locally significant wetlands within the Otty Lake watershed.</p>
			<p>The OLA should encourage the municipalities to establish by-laws to ensure healthy shoreline buffers.</p>

OTTY LAKE ASSOCIATION'S COMMUNITY PARTNERS - December 2014

Our Community Partner	Prime OLA Director	Our Successes	Our Future Programs
			<p>☑ The OLA should continue to encourage the municipalities to develop, implement and enforce site plan policies, by-laws and guidelines to ensure the Otty Lake 'ribbon of life' is protected.</p>
			<p>☑ The OLA should encourage the municipalities to develop a monitoring and re-inspection program to ensure that site control or development conditions are met.</p>
			<p>Issue 12: Climate Change The OLA must work in partnership with TVT, D/NE Township, MNR, the RVCA and other concerned organizations to understand more about climate change and to develop a strategy to adapt to and mitigate its effects on the lake and its watershed.</p>
<p>TD Friends of the Environment Foundation</p>		<p>Otty Lake Management Plan Provided financial support for Lake Management Planning Program under which the OLMP was developed.</p>	
<p>Toronto Zoo</p>		<p>Issue 1: Surface Water Quality In 2013 the OLA & the Toronto Zoo's Adopt-A-Pond Program, held a wetland inventory workshop. Its goal was to better understand the role that the wetlands play in contributing to water quality by removing nutrients, pathogens and sediments. The outcomes of the workshop were presented to members of the Otty Lake community at the 2013 AGM. After the workshop, three Otty Lake property owners approached the Adopt-A-Pond staff to invite them to evaluate the wetlands on their properties.</p>	
		<p>Issue 6: Fish and Wildlife Health In June 2012, the Toronto Zoo Adopt-A-Pond Program offered a workshop about turtles that provided a hands-on opportunity for members of the community to learn more about the different turtles in the Otty Lake watershed and the habitats they need. In June 2013, a Wetland Identification Project of the OLA and the Toronto Zoo Adopt- A- Pond Program provided an opportunity for the community to learn more about the wetlands of the lake and the important role they play.</p>	