

237897 Inglis Falls Road, R.R.#4  
Owen Sound, On N4K 5N6  
519 376-3076



# Grey Sauble Conservation 2015 Annual Report

[www.greysauble.on.ca](http://www.greysauble.on.ca)



The Salmon Celebration brings the Grey Sauble Conservation Foundation, Sydenham Sportsman's Association and City of Owen Sound together in promoting the Fall salmon migration.



Planting Trees on Private Lands



Friends of Hibou, Boardwalk Ribbon Cutting



Owen Sound Mill Dam Concrete Repairs



Early Bird Shoppers line up at the Annual Tree Sale, the last Saturday in April.



Over five hundred people attended the Foundation's Memorial Forest Ceremony. In 2015, two hundred and fifteen trees were planted in memory of loved ones at our Memorial Forest properties.



R. John Cottrill

### Message from the CAO

On behalf of the staff of Grey Sauble Conservation (GSC), I wish to thank our member municipalities for their ongoing support of the conservation authority. In addition, we had many partner organizations and individuals provide assistance which enabled us to carry out a variety of projects within our conservation areas. This allowed staff to complete a number of physical improvements to conservation areas, the Arboretum, and the Foundation's memorial forest sites.

2015 saw us able to complete two capital projects for dam repairs at Inglis Falls and at the Owen Sound Mill Dam. This work was financed through grants from the Ministry of Natural Resources and Forestry's (MNR), Water and Erosion Control Infrastructure Program (WECI) and was supplemented by funds from GSC dam reserves.

In the fall of 2015, MNR announced that a detailed review of the Conservation Authorities Act would be undertaken. All conservation authorities, Conservation Ontario, our member municipalities, and many agencies and individuals made submissions to the Province regarding the conservation authority programs and the legislation that guides the work of the 36 conservation authorities in the Province. A full report from the Province is expected sometime in 2016.

As a result of the municipal elections in late 2014, there are eight new Board Members on our eleven person Board of Directors. Early in 2015, we were able to hold a number of orientation sessions for those new members.

This Annual Report will highlight, in more detail, some of the accomplishments that took place within the various departments of the conservation authority. The publication of this annual report is one of the many ways we reach out to the public to publicize our programs and expand the public's awareness of what our conservation lands and the associated programs that we have to offer.

In closing, I wish to thank the GSC staff for their excellent work in 2015, and look forward to continued success in 2016 and beyond.



Dick Hibma

### Message from the Chair

As I reflect on 2015, it would be easy and customary to say it has been a busy and productive year, with excellent staff and a supportive Board of Directors. All of which is true, and the CAO report captures some of the highlights of the past year with details throughout the report.

I would like to acknowledge that it has been a year of transition, with the majority of the directors being new to their roles as a result of the municipal election of 2014.

Also of significance for all Conservation Authorities province wide in 2015, was the beginning of the Conservation Authorities Act review under the lead of the Parliamentary Assistant to the Minister of Natural Resources and Forestry, MPP Eleanor McMahon. This review was undertaken to examine the 70 year old legislation with a focus on governance, funding, and mandate of the Authorities, and began with a broad consultation of municipalities, non-governmental environmental organizations, agricultural organizations, the First Nations, and the Authorities themselves. Key messages arising from these consultations reflect general respect and value for Conservation Authorities, and an affirmation that they are underfunded by our provincial partner. Where issues arise they can be attributed to a lack of knowledge or understanding of the Authorities, or lack of communication. I take from the feedback we have received, that we can and need to do better. That will take resolve and resources and we will move forward on both counts.

The Conservation Authorities Act was passed in 1946 to enable municipalities, in partnership with the province, to deal with the need to reforest Southern Ontario, to re-employ the returning troops from the armed conflict of World War II, and to begin to deal with erosion issues from both wind and water across the landscape. Thereafter, the ravages of Hurricane Hazel in 1954 led to Authorities also embracing a mandate to develop flood protection, management, and forecasting in the populated regions of Ontario. That broad mandate of managing natural resources in balance with the needs of society on a watershed basis remains as valid and visionary today as it was in 1946, providing for a partnership between the province and the local municipalities, with local governance to interpret and implement that broad mandate.

For 59 years now the Grey Sauble Conservation Authority and its' predecessors have been providing planning services to protect people and property from natural hazards of water and erosion while protecting our natural environment. We have been providing flood protection, management, and forecasting to minimize or eliminate loss of life and property damage. We own and manage in excess of 29,000 acres for public use, enjoyment, and benefit. A significant portion of that land mass is subject to sustainable forestry practices to provide revenue to offset some of the costs of owning and managing these lands. All of that contributes significantly to Grey and Bruce Counties being home to some of the best examples of escarpment, shoreline, forest, and wetland anywhere in Ontario, and all at our doorstep.

It is our privilege to serve you here locally, and welcome visitors from across the province and beyond to enjoy all that we have to offer at the Grey Sauble Conservation Authority. Get outdoors! We have amazing recreational properties here!

### Grey Sauble Conservation Board of Directors

The eight municipalities within Grey Sauble's jurisdiction appoint an elected official or public appointment to the Board of Directors. If the municipality's population is over 10,000, two municipal representatives are appointed to the Board of Directors.

Paul Eagleson	Arran Elderslie
Shawn Greig	Chatsworth
Al Barfoot	Georgian Bluffs
Ryan Thompson	Georgian Bluffs
Cathy Little	Grey Highlands
Jaden Calvert	Meaford
Harley Greenfield	Meaford (Vice-Chair)
Dick Hibma	Owen Sound (Chair)
Marion Koepke	Owen Sound
Craig Gammie	South Bruce Peninsula (Jan-Aug)
Ana Vukovic	South Bruce Peninsula (Aug-present)
John McGee	The Blue Mountains

### Committee Appointments by the Board of Directors

Foundation	Arboretum Alliance	Forestry
Jan Chamberlain	Bill Moses	Craig Gammie (July-Aug)
Marion Koepke	Rodney Saunders	Ana Vukovic (Aug-present)
Harley Greenfield		Shawn Greig
Chris Hachey		Cathy Little
		Jaden Calvert
		Ryan Thompson
		Dick Hibma

### Volunteer Committees

Arboretum	Beaver River Watershed Initiative	Grey Sauble Conservation Foundation
Jack Westlake	Tom Kennedy, Chair	Don Sankey, Chair
Brian Murray	Jack Morgan	Allan Wilcox, Vice-Chair
Dennis Knight	Joan Gaudet	Don Knight, Treasurer
Chris Hachey	Andy McKee	Colleen Walker, Secretary
Nancy Brown	Ellen Anderson	Marg Gaviller
Rodney Saunders	Jesse Gibbons	Christine Silvester
Merle Gunby	Debbie Crosskill	Harley Greenfield
Peter Smith	Patrick Kitchen	Jan Chamberlain
Jim Hastie	Bill Remus	Marion Koepke
Cecilie Moses	John Bittorf, GSC	Deborah Ferrier-Armstrong
Bill Moses	Chris Hachey, GSC	Chris Hachey
Murray Peer		
Lynne Marie Sullivan		

## Water Management



Concrete repairs under the decking and on the spillway



### OWEN SOUND MILL DAM

Inspections of the dam have revealed several areas of the structure where concrete has deteriorated and has started to fail. The concrete abutment between the two main sluiceway gates has begun to break away resulting in a leak of water through the concrete. Further deterioration may interfere with our ability to operate the main gates. Concrete has also broken away around the railings in several locations and surface erosion of the concrete in the spillways has occurred in several locations. Since 2011, GSC has attempted to secure funding and to complete this project. In 2015, GSC received partial funding from the Province and proceeded with the repairs. Sheet piling was used as a coffer dam to help dry out the work area. We were hopeful to complete the entire project before the end of 2015, however, the new railings were delayed and will be installed in early 2016.

### ICE MANAGEMENT

During extended cold periods throughout the winter, frazil ice may form and begin to accumulate in areas of our rivers and streams where fast flowing water begins to slow down. This accumulation can be very extensive and may cause flooding as the ice dams the channel. This is significant concern for residents of Clarksburg. The river channel through the Town of Clarksburg is one of these locations where this ice damming occurs.

In 2015, we experienced several extended cold periods and frazil ice damming did occur in Clarksburg. Fortunately, The Town of Blue Mountains staff were able to keep the damming to a minimum and only minor flooding occurred.

### NEW WEATHER STATIONS AND RIVER WEBCAMS

An important part of flood warning is having access to information supplied by both public and private weather stations and visually observing river conditions. In 2015, GSC set up river webcams at 3 locations and installed 2 weather stations. This information is linked to a free service provided by Weather Underground (Wunderground) and is viewable by everyone. Links can be found on our website.

### INGLIS FALLS DAM

The Inglis Falls dam is a small dam located immediately upstream of Inglis Falls.

The retaining walls next to the parking area have been slumping and with the lack of railings around the dam structure, the area was



determined to have public safety issues. With 50% funding from the Province, GSC installed new railings and replaced the slumping walls with rock rip rap.

### HAINES DAM

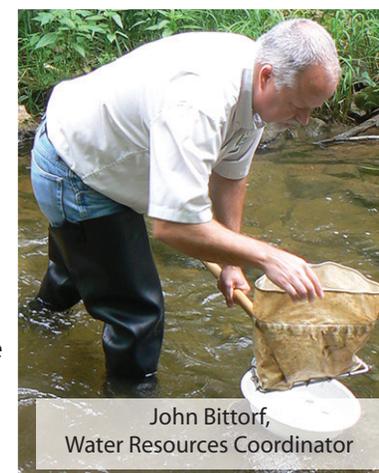


This dam is over 100 years old and has been rebuilt and repaired several times in the past. In 2009, temporary repairs were completed on the north berm to address some leakage issues. Further repairs are needed and the overall integrity of the dam is unknown. In 2011, GSC held an open house in Clarksburg to initiate feedback from the local community regarding the possible removal of the dam. GSC did not receive any negative comments regarding the removal and most were very supportive of the direction we were taking. Since then, GSC proceeded with the process to have the dam removed. Provincial funding cuts and delays in receiving required permits have prevented the removal of this dam. In 2015, GSC continued to move forward with this project. Unfortunately, tenders to fully remove the dam came in significantly higher than our estimated amount. The project has been deferred until more funds can be secured.

## Monitoring our Watershed Water

### Benthic Monitoring

Thirty sites throughout the watershed have samples collected annually using specialized nets. These samples include insect larvae, worms, crayfish and other organisms (larger than 0.5 mm) that live in the stream bed. With the aid of a microscope, staff identify these specimens and use a scoring system called "BioMap" (Biological Monitoring and Assessment Program) to evaluate the quality of the water. This protocol scores specimens based on different water quality conditions required for their survival. The presence (or absence) of some of these specimens in a sample can be used to classify water quality as good, fair or poor.



John Bittorf,  
Water Resources Coordinator

### Surface Water and Ground Water Quality

Partnering with the Ministry of the Environment (MOE), Grey Sauble monitors 10 surface water sites and 10 groundwater monitoring wells. The surface water sites are sampled 8 times each year and submitted to MOE for chemical analysis. The groundwater sites have water level loggers that are downloaded 4 times each year. In the fall, water samples were taken from each well and submitted to the Ministry of the Environment for analysis of water quality.

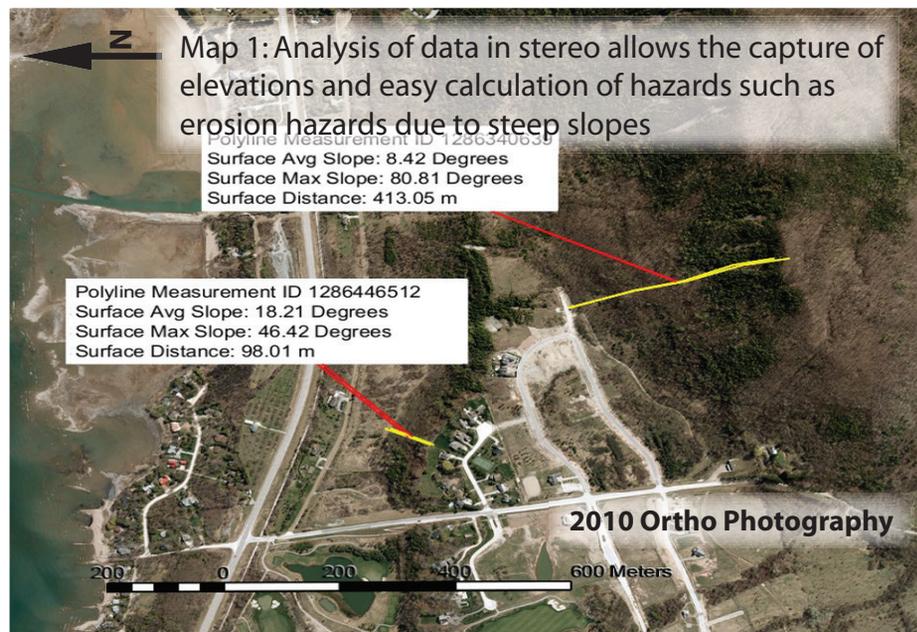
### Thermal Stream Classification & Data Collection

During the warm summer months, small creeks and streams should be cold and larger watercourses should remain cool. Obtaining water temperatures can help classify systems as "cold water" (support brook trout), "cool water" (brown trout, rainbow trout) or "warm water" (baitfish, bass). Staff and volunteers regularly take water temperatures & observe presence of fish, type and size of water-crossings, culverts, etc. which is recorded in our database to be used as a tool in review of planning and permit applications.

## GEOGRAPHIC INFORMATION SYSTEM (GIS) MAPPING

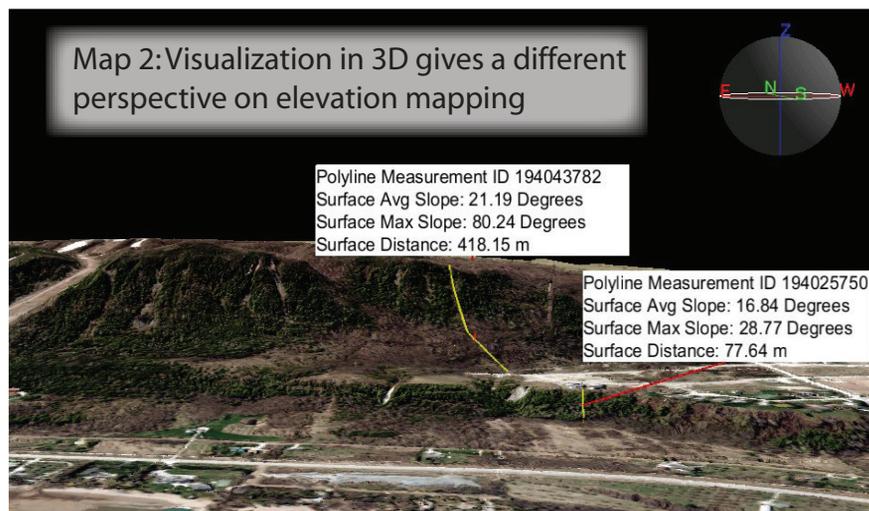
The Geographic Information Systems department supports the information needs of all the different departments in the organization. It is focused on spatial information but brings together all types of data to be stored, managed, analyzed, related and displayed in a spatial context. This allows for the creation of on-the-fly reports, tables and maps.

Stereo software and hardware allows the extraction of high quality elevation information in a digital format. By working in 3D and stereo environments we can update and improve elevation information and, in turn, update all mapping associated with elevations. This includes improving the accuracy of natural hazard mapping (steep slopes and flood prone areas) as well as the mapping for ON regulation 151/06. Watercourses, wetlands, forest stand make-up and size are also much more apparent and quantifiable in a stereo environment. GSC continues to use this technology to improve all aspects of our mapping and increase the standards by which these products are created.



In the spring of 2015 new aerial photography was flown (at 20 cm resolution) for all of Southwestern Ontario. The products are currently being processed and Grey Sauble expects to receive the photos for their watershed jurisdiction in the spring of 2016.

The forest stand on GSC properties have been remapped and forestry databases have been moved to a centralized system that links both spatial and non-spatial information that is readily updateable. Streamlining the process has been beneficial to forest management, planning, decision making and operations both in the office and on the ground in the management of our lands.



## ENVIRONMENTAL PLANNING

Environmental Planning is a preventative and consultative process that promotes healthy ecosystems and watersheds, prevents loss of life and minimizes the risk of damage to property from flooding and erosion hazards. Under agreements with member municipalities and in consultation with county/municipal planning departments and other stakeholders, staff review applications for consistency with the Provincial Policy Statement (PPS) under the Planning Act. The main areas of the PPS that GSC focuses on are sections 3.1 Natural Hazards and 2.1 Natural Heritage. Natural hazards includes flooding and other water related hazards, erosion, steep slopes and dynamic beach hazards. GSC also comments on other water management issues to protect, improve or restore the quality and quantity of water in conjunction with section 2.2 of the Provincial Policy Statement. GSC may require flood plain mapping, natural hazards assessment, stormwater management plans and/or engineered drainage plans for applications where warranted.

Natural heritage features include fish habitat, significant wildlife habitat, significant woodlands, provincially significant wetlands and significant coastal wetlands, threatened/endangered species and Areas of Natural and Scientific Interest (ANSI), significant valley lands and the connections and linkages between these areas as well as adjacent lands to these features. In many instances, development proposed in or adjacent to these features triggers a requirement to complete an Environmental impact study. Staff review these reports and provide input to planning boards and committees.

### Development, Interference with Wetlands and Alteration to Shorelines and Watercourses Regulation (Ontario Regulation 151/06)

The Regulation requires that a permit be obtained from the Authority when undertaking any type of proposed work on the following:

- straightening, changing, diverting or interfering in any way with the existing channel of a river, creek, stream or watercourse or interfering in any way with a wetland.
- development (includes site alteration and construction or re-construction of buildings or structures) adjacent or close to the shoreline of Lake Huron, Georgian Bay or inland lakes, in river or stream valleys, hazardous lands, wetlands or lands adjacent to wetlands.

The intent of the permit process is to ensure that activities in these areas will not result in a risk to public safety or property damage and that natural features are protected through the conservation of land.

Number of Applications reviewed in our Watershed municipalities:	151/06		
	Planning	Permits	Totals
Municipality of Arran-Elderslie	13	4	17
Township of Chatsworth	26	12	38
Township of Georgian Bluffs	80	50	128
Municipality of Grey Highlands	103	63	165
Municipality of Meaford	72	48	121
City of Owen Sound	46	22	68
Town of South Bruce Peninsula	44	49	93
Town of The Blue Mountains	104	86	192
Other Applications Reviewed for Non-Member Municipalities			
– Fees Supplied by Applicants	32	5	37
<b>Totals</b>	<b>520</b>	<b>339</b>	<b>859</b>

**Please contact our Planning Department to see if you require a permit BEFORE you start your project.**  
519 376-3076

### Plan Review Activities in 2015

Official Plan Amendments	13
Subdivision/Condominium Applications	1
Zoning By-law and Removal of Holding	67
Consent	66
Niagara Escarpment Commission	71
Minor Variance	50
Pit/Quarry	1
Technical Studies and Site Plan Review	33
Site Inspection and Letter	74
Regulation Inquiries	144



## LAND MANAGEMENT

### NEW FEE STATIONS HELP MAINTAIN OUR LANDS

In July of 2015 new pay by phone parking fee stations were introduced at Hibou, Eugenia Falls, Bruce's Caves, Spirit Rock and Old Baldy Conservation Areas. The fee stations replaced the former steel fee boxes which endured constant vandalism over the years. The new pay with your phone fee station offers customers the opportunity to pay via the web, app or by calling a 1-800 number. Season passes can also be purchased for just \$30.00 and they are also available at our administration office.

### FRIENDS OF HIBOU CONSERVATION AREA MAKING A DIFFERENCE

The Friends of Hibou volunteers were very active with projects happening throughout the year. In the early spring volunteers could be found pruning trees along the 5km trail. In the late spring a group of volunteers raked the main beach in preparation for the summer swimming season. In early June, the second annual Hibou shoreline clean-up was carried out with assistance from the Ontario Geocaching Association, Southwestern Region. The Community Foundation Grey Bruce also provided funds for 3 new benches located along trail, beach and boardwalk.

May 2015, Susan Tuohy (left), Bank Manager from TD Canada Trust, and Evelyn Holley (right), Friends of Hibou Committee cut the ribbon at the new boardwalk in Hibou Conservation Area



### WHAT WATER WANTS

What Water Wants, also known as the Beaver River Watershed Initiative were busy planting trees along the river corridor in April. Volunteers planted 400 native trees along the river to help improve fish habitat. Through our Forestry Department, the project became a 50 Million Tree project and also received \$1,800.00 in partnership funding from Blue Mountain Watershed Trust.

A new display and literature was at the Craigeleith Depot for the summer and a children's activity placement was distributed to the local restaurants.

Under the direction of John Bittorf, Water Resources Coordinator, Meghan Allerton was our internship student this summer. She completed an assessment of the Beaver River Watershed's health. Funding for this project was provided by the Beaver River Watershed Initiative. To review the report, please visit their website [www.whatwaterwants.org](http://www.whatwaterwants.org).



Meghan Allerton

### WORKSHOP FENCE



Fencing was erected around the Administration Centre workshop to secure vehicles and equipment. Cost of the project was \$18,625.00.

## FORESTRY



At the January Board of Directors Meeting, Forestry & Wildlife Coordinator Anne Lennox (left), presented Chairman Dick Hibma (right) with a FSC® Certification (FSC®C018800) acknowledging that Grey Sauble Conservation has achieved the certification through the Eastern Ontario Model Forest (EOMF) Forest Certification Program.

### Tree Planting Stats for 2015

50 Million Tree Program	131,397
GBFS - Seedling Planting	2,850
GBFS - Landscape Planting	392
GSCA Planting - (not eligible for 50 mill)	2,030
Total Trees	136,669
Tree Sales - 80 seedling orders	18,032
- 49 landscape orders	2,146
Arbour Day Tree Sale - seedlings	6,959
- landscape	1,547
- shrubs	739
- wildflowers	923
- Other Products, coco discs	300
Managed Forest Tax Incentive Program	25 Plans
Emerald Ash Borer Inoculations	67 Trees



### Trees Planted in Your Municipality

South Bruce Peninsula	4,000
Arran Elderslie	1,500
Georgian Bluffs	25,080
Chatsworth	16,127
Grey Highlands	18,100
Meaford	37,370
Blue Mountains	29,220

### Forestry Operations

Little Germany, Comp 82, 90, 91	120 acres
Massie Hills, Comp 107	95 acres
Rockford, Comp 155	24 acres
Rocklyn Creek, Comp 136	53 acres
Sky Lake, Comp. 149, 150	40 acres
Sullivan Forest, Comp 161	5 acres

### EMERALD ASH BORER



#### Emerald Ash Borer Facts

- Adult Beetles are metallic green & approx. 1/2 inch long
- they leave a D-shaped exit hole in the bark when they emerge in spring
- Woodpeckers like EAB larvae, heavy woodpecker damage on ash trees may be a sign of infestation

GSC staff inoculate an ash tree in Owen Sound. Emerald Ash Borer Traps were placed throughout Grey and Bruce Counties in 2015. It has been detected in the following locations: Tobermory, Owen Sound, Griersville, Southampton, Walkerton, Tiverton, Underwood, Kincardine, Ripley. If you want to protect your ash, call us 519 376-3076.

## COMMUNITY RELATIONS

### WILDWATER PROGRAM - Spring Ice Water Safety

This year nine schools registered for the Program. Over 650 Grade 4 and 5 students learnt about the dangers of fast spring ice water. GSC staff interacts with students identifying dangerous ice conditions, hypothermia and offers a cold water and weighted swim experiment. We thank our Community Partner, Ontario Power Generation for supporting the program.



### DOORS OPEN

On June 4th and 5th, Inglis Falls Conservation Area was part of Owen Sound's Doors Open event. Sunday, June 5th the staff provided interpretive hikes to the Inglis Falls Water Filtration Plant. Visitors enjoyed the history & the tour of the underground caverns that once supplied the drinking water for the residents of Owen Sound!

### THE GREAT OUTDOORS DAY CAMP

Day camp staff Jake See and Ellen Diemert welcomed 24 children each day to take part in exploring the great outdoors in hiking, water activities, crayfish hunting, water tubing, bus trips and more! The cost to attend day camp in 2015 was \$25.00 per day which included swimming at Harrison Park Pool and Bus Trips.

### THE EXTRAORDINARY TREE PROJECT

The committee of the Extraordinary Tree Project: Stephen Hogbin, Chair, public rep. Gord Edwards and representatives from the Tom Thomson Art Gallery, Grey Roots Museum, Fanshawe College and Grey Sauble Conservation celebrated National Tree Day at the Grey Roots Museum with Stephen Hogbin featuring photos and stories of the nominated trees from the "Tree Challenge". In November, the committee produced and distributed the "The Tree Times" Newsletter!

### INTERPRETIVE SIGNAGE

Three new Interpretive signs were designed and erected at: Spirit Rock /McNeill Estate, Bruce's Caves Conservation Area and Peasemash Nature Reserve. Funding for the Peasemash sign was provided by the Town of The Blue Mountains.

### YOUNG NATURALISTS CLUB for children 7 to 12 yrs old

In 2015, 34 children were registered and participated in snowshoeing, planting pollinator gardens, hiking at Bognor Marsh, crafts, and canoeing the Beaver River! For more information about this cooperative program with GSC and the Owen Sound Field Naturalists, please call 519 376-3076.

### Junior SCIENCE FAIR

Each year GSC provides a trophy and a cash prize at the Bluewater School Board Science Fair for a grade 4 project that best illustrates the wise use of soil or water. The recipient of the 2015 award was Kinsley Cobean with her project "Slip Sliden Away". Chair Dick Hibma presents the award to Kinsley.



### WORLD OF TREES

In it's 4th year, the World of Trees is a curriculum program for Grade 3 students who are studying growth and changes in plants. The Arboretum Committee assists with manning eight learning stations that welcomes 160 students during the two day event.

### SOCIAL MEDIA

A number of visitors are using cell phones and tablets to access our web page. We found that our web page did not function or view well in this media. Staff worked on a new layout and will be launching the new website in 2016.

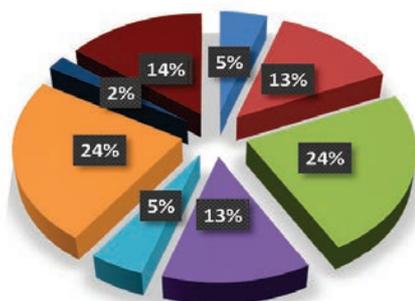


### RT07 & 3 Partners

Salmon Tours were hosted by Owen Sound Tourism, Sydenham Sportsman's Association and GSC. For a fee, tourists, locals and bus tours signed up for a close up and personal guide of the Owen Sound Mill Dam, Fish Hatchery, Spawning Channels and/or the Inglis Falls Filtration Plant. This initiative was a partnership with Owen Sound Tourism and RT07 Tourism Experience Development Specialists.

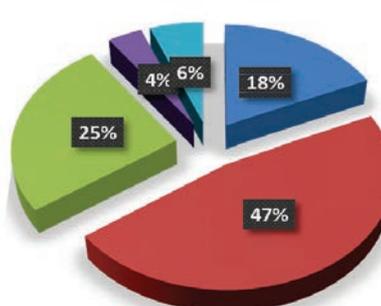
## FINANCE

Expenses



Water Management	\$129,550	5%
Environmental Planning	\$340,723	13%
Forest Management	\$605,581	24%
Conservation Properties	\$337,349	13%
Information & Education	\$123,197	5%
Administration/GIS/IT	\$608,989	24%
Miscellaneous	\$ 52,177	2%
Capital Projects/Reserves	\$374,377	14%

Revenue



Grants/Trees Ontario	\$462,523	18%
Municipal Levy	\$1,207,375	47%
User Fees	\$659,022	25%
Other Revenue	\$ 95,818	4%
Reserves	\$148,316	6%



**Our Administration Centre is located on Inglis Falls Road, just south of Owen Sound.**

**We are open Monday to Friday 8:30 am to 4:30 pm.**

**237897 Inglis Falls Road, R.R.#4**

**Owen Sound, ON N4K 5N6**

**519 376-3076 phone**

**519 371-0437 fax**

**www.greysauble.on.ca**

## DRINKING WATER SOURCE PROTECTION

Drinking Water Source Protection is the protection of local municipal drinking water sources from both quality and quantity threats. By protecting the sources of our drinking water, it ensures there is enough clean water for all of us.

The jurisdiction of Drinking Water Source Protection includes the watersheds of Saugeen and Grey Sauble Conservation Authorities as well as the Municipality of Northern Bruce Peninsula. Drinking Water Source Protection staff and a Source Protection Committee of local representatives oversee this program.

### Highlights

**Source Protection Plan Approved** - The Source Protection Plan for the Saugeen, Grey Sauble, Northern Bruce Peninsula Source Protection Region was submitted in June to the Province and approved on October 16, 2015 by the Hon. Glen Murray, Minister of the Environment and Climate change. The Revised Assessment Report that contains technical work and threats analysis for all municipal drinking water systems in the Grey Sauble Source Protection Area was approved on October 15, 2015. The Effective Date for the implementation of the policies contained in the Source Protection Plan is July 1, 2016.

**Municipal Implementation Workshops** - Municipal workshops were hosted in September of 2015 for staff and councils from across Grey, Bruce and Wellington Counties. Municipal staff are encouraged to visit <http://www.waterprotection.ca/municipal.htm> for useful items related to implementing the Source Protection Plan in their municipality.

**Technical Advisory Working Group** - A working group was formed to provide technical advice and policy guidance to the Source Protection Committee with respect to Eventsbased Areas (EBA) affecting the following municipalities: North Bruce Peninsula, South Bruce Peninsula, Owen Sound, Meaford, Blue Mountains, Saugeen Shores, Kincardine and Georgian Bluffs. The working group is comprised of Source Protection Committee members and a representative from each of the eight municipalities affected by EBA policies. The municipal representatives include water system operators and municipal staff with knowledge of the area and systems. The handling and storage of fuel is a significant drinking water threat and fuel spills occurring at various thresholds have been mapped.



Members of the Source Protection Committee celebrate the approval of this area's Source Protection Plan. From left to right - Bill Twaddle, Robert Emerson, Brent Lanktree, Mitch Twolan, David Biesenthal, Chair Mike Traynor, Les Nichols, Mark Kraemer, Kathie Hughes, Carolyn Day, Ken Furlong and Bruce Davidson

Glossary Item of Interest – Source Protection Plan Approval Date vs. Effective Date: Approval Date is the date that the Minister of the Environment and Climate Change signs the approval of the Source Protection Plan. The Effective Date is the date upon which implementing bodies must begin implementing the policies that apply to them. These are usually different to allow municipalities and implementing bodies time to meet their requirements under the applicable Source Protection Plan.



237897 Inglis Falls Road, R.R.#4, Owen Sound, On N4K 5N6

Phone 519-470-3000 Fax 519-470-3005

[www.waterprotection.ca](http://www.waterprotection.ca)

## GREY SAUBLE CONSERVATION FOUNDATION

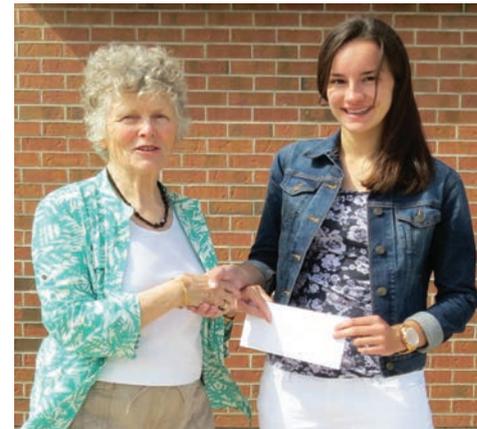
The Foundation is a registered Canadian charity that raises funds to support Grey Sauble Conservation, its policies and activities that protect natural habitats and its efforts to enhance biodiversity and environmental awareness.



Grey Sauble Conservation  
**FOUNDATION**

### Malcolm Kirk Environmental Scholarship

Judy Gay (left), Grey Sauble Conservation Foundation, congratulates Marissa Zago of Grey Highlands Secondary School for winning the Malcolm Kirk Environmental Scholarship. Marissa received \$1,000 towards her post-secondary education.



### MEMORIAL FOREST



Two hundred and fifteen trees were planted at three Memorial Forest sites: Big Mud Lake Management Area, Pottawatomi & Griersville Conservation Area. The June Ceremony was not dampened by the rain and 500 people attended the Commemorative Ceremony.

Annual Tree Sale - Peter & Don, keeping up to the burger orders! ➤

If you would like to volunteer or apply to be a director of the Foundation? Contact us at 519-376-3076 ext 234 or e-mail us at: [foundation@greysauble.on.ca](mailto:foundation@greysauble.on.ca)



### Fundraising Initiatives in 2015

- Tree Seedling BBQ - Graciously sponsored by Zehrs
- Bruce Calvert Earth Day Hike - Students from Meaford Community and St. Vincent-Euphrasia Elementary School hiked the Rail Trail in Meaford to raise money for their school and the foundation. Thank you Brenda & Mark Calvert for coordinating the event!
- Salmon Celebration (Thanksgiving Weekend) - Passports were sold to participants taking part in the guided tours of the spawning channels, and visiting the Mill Dam Fish Ladder, Inglis Falls & Owen Sound Tourism Office.

SAVE the DATE

# Annual Tree Seedling Sale

**Saturday, April 30, 2016****8:00 am - 12:00 noon****Tree Seedling Species Available**

white birch, black cherry, black locust, sugar maple, red maple, silver maple, red oak, white oak, bur oak, hybrid poplar, black walnut, balsam fir, fraser fir, white cedar, white pine, red pine, white spruce, norway spruce, colorado blue spruce, tulip tree, nannyberry, american highbush cranberry, black elderberry, american hazelnut, red elderberry, basswood, eastern red cedar, staghorn sumac, mountain-ash, red bud, american plum, bush honeysuckle, winterberry

**Landscape Trees** - red oak, sugar maple, fruit trees, spruce & pine

**Native Flowers** - wild columbine, butterflyweed, jack-in-the-pulpit, tall bellflower, pale coneflower, wild ginger, woodland sunflower, cardinal flower, great blue lobelia, wild bergamot, virginia blue-bells, solomon's seal, brown-eyed susan, false dragonhead

Prices range \$1.00 - \$45.00

*Cash, Debit, Visa, Mastercard*

Bring your own container for seedlings  
(e.g. pail or bags)

**Location:** Grey Sauble Conservation Administration  
Centre - 237897 Inglis Falls Road, Owen Sound

*Refreshments & BBQ lunch fundraiser by  
Grey Sauble Conservation Foundation*

Graciously sponsored by **Zehrs** MARKETS.



## Remember a loved one Memorial Forest

Plant a tree as a living memory of a loved one. A tree costs \$60 and is planted at one of three memorial forests near either Wiarton, Owen Sound or Meaford. Each year a dedication ceremony is held for families and donors of trees purchased in the preceding months.



Grey Sauble Conservation  
**FOUNDATION**

For more information  
[www.greysauble.on.ca](http://www.greysauble.on.ca)



## Your trusted EXPERTS in Forest Management Services!

- Provincially Certified Tree Markers
  - Forest Tendering Services
  - Tree Planting and Tree Seedling Sales
  - Free Informative Workshops
  - Emerald Ash Borer Inoculation
  - 50 Million Tree Program
  - Tree Planting Incentives
  - Vegetative Services (Licenced)
  - Managed Forest Tax Incentive Program
- Approvers  
519 376-3076 ext 232 or ext 225

### Grey Sauble Conservation Staff

John Cottrill, Chief Administrative Officer  
Alison Armstrong, Finance Coordinator  
Serenity Morton, Clerical Assistant (contract)  
Doreen Robinson, Administrative Assistant/Accounting Clerk  
John Bittorf, Water Resources Coordinator  
Andy Sorensen, Environmental Planning Coordinator  
Tim Lanthier, Watershed Planner  
MacLean Plewes, Planning Technician  
Vicki Rowsell, Planning Technician (contract)  
Gloria Dangerfield, GIS/Database Coordinator  
Mike Fry, GIS/Forestry Technician (contract)  
Krista McKee, Community Relations Coordinator  
Anne Lennox, Forestry & Wildlife Coordinator  
Cam Bennett, Forestry Technician  
Rita McGee, Forestry Technician (contract)  
Carl Sadler, Grey County Tree Cutting By-law Officer & Forestry Technician (Jan-June)  
Chris Hachey, Land Management Coordinator  
Lee Thurston, Resources Technician, Grey County Tree Cutting By-law Officer (June-Dec)  
Jason Traynor, Field Superintendent  
Wade Nixon, Assistant Field Superintendent (Jan-July)  
Morgan Barrie, Assistant Field Superintendent (Oct to present)  
phone 519 376-3076 fax 519 371-0437  
Office Hours Mon-Fri 8:30 am - 4:30 pm [www.greysauble.on.ca](http://www.greysauble.on.ca)



### Protect YOUR Drinking Water

- Maintain your Septic System
- Boaters, fuel your boat properly
- Maintain a natural shoreline, leaving a buffer of vegetation
- Utilize your Household Hazardous Waste Events as septic systems are limited in what they can remove, dispose at municipal collection events
- test your well water at least once a year

Water is critical to all aspects of our lives! Protecting our sources such as lakes, rivers, streams & groundwater is important in order to make sure we have enough clean water for all our uses.

### Drinking Water Source Protection Staff (Risk Management)

David Ellingwood, Project Manager (January-March) Carl Seider, Project Manager (June - present)  
Nancy Guest, Administrative Assistant Alexandra Milanetti, GIS/Database Specialist  
Emily Vandermeulen, Program Supervisor Karen Gillan, Communications Specialist