

Grey Sauble Conservation 2011 Annual Report

www.greysauble.on.ca



Grey Sauble Programs

Water Management & Watershed Monitoring

Land Management

Forestry

GIS (Geographic Information Systems)

Environmental Planning

Information and Education

Drinking Water Source Protection

Grey Sauble Conservation Foundation



A Featured Conservation Area

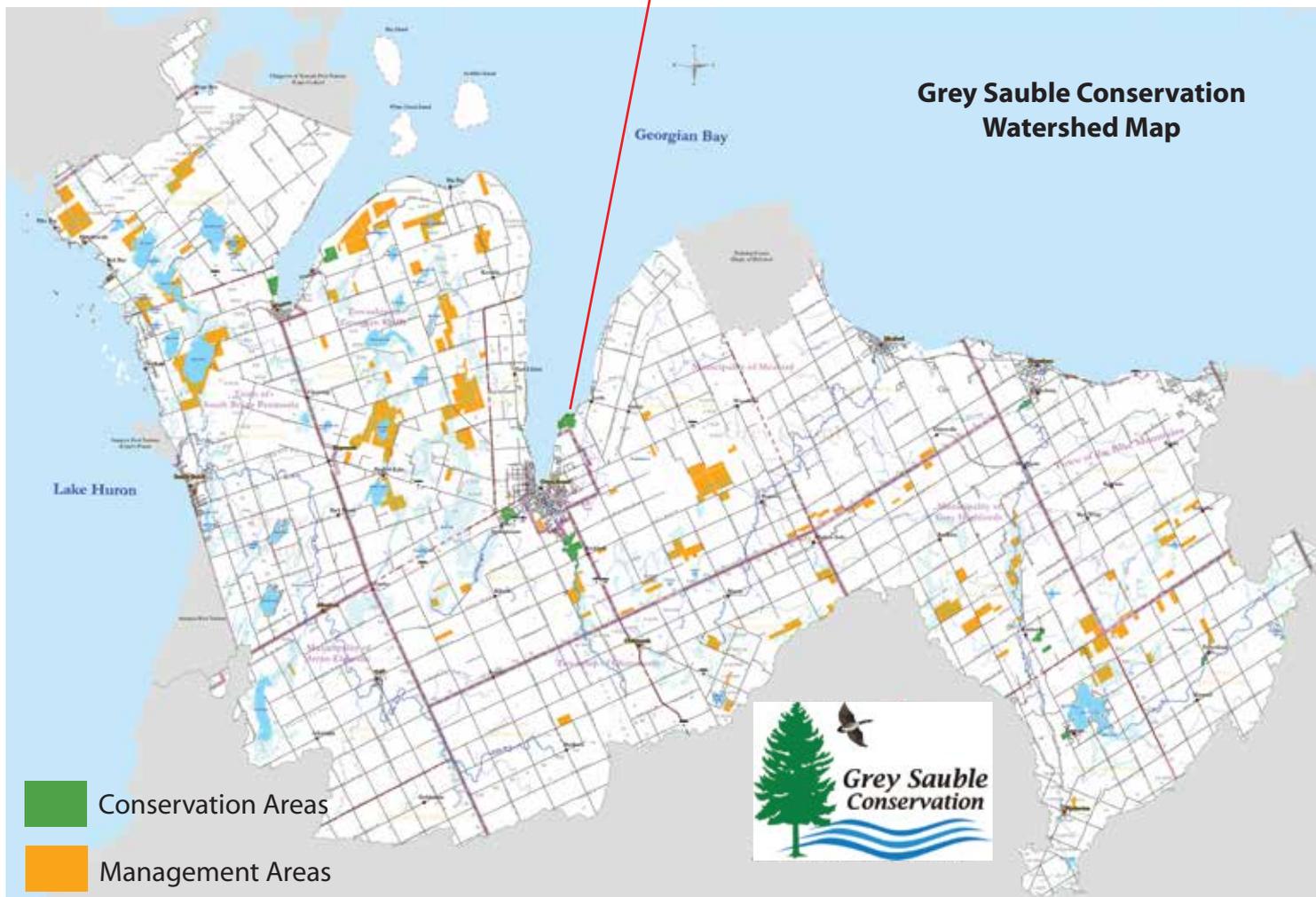
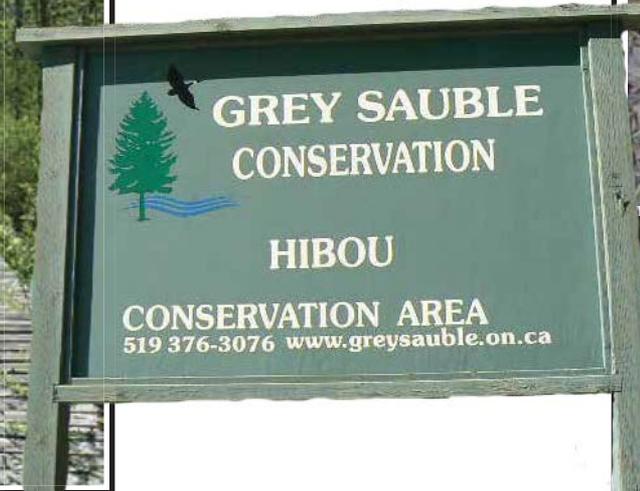
Hibou is a scenic, 108 hectare property on the shores of Georgian Bay purchased by Grey Sauble Conservation in 1973.

Hibou was the name of a freighter owned by the Dominion Transport Company. On November 21, 1936, while making its final run of the season, the ship encountered a severe storm, capsized and sank two kilometres offshore. Seven of the seventeen crew members died. The survivors managed to swim ashore at what is now called Hibou.

This Conservation Area has something for the entire family, a natural sandy beach, a cobble stone beach to skip rocks, washrooms, changerooms, and two picnic facilities.

Try out 2.5 kms of trails across from the beach area. There are: interpretive signs, beaver activities, wildflowers, ferns, beach ridges and wildlife. There are many stretches of boardwalk to allow hikers to navigate the low-lying wet areas. These trails are open year round!

Hibou Conservation Area is located on Grey County Road 15 between Owen Sound and Leith.



Board of Directors

Arran-Elderslie	Ross Herron
Chatsworth	Terry McKay
Grey Highlands **	Dave Clarke
Georgian Bluffs	Judy Gay
Georgian Bluffs	Robert Lennox
Meaford	Harley Greenfield
Meaford	Mike Poetker
Owen Sound *	Dick Hibma
Owen Sound	Peter Lemon
South Bruce Peninsula	Paul McKenzie
The Blue Mountains	Michael Martin
* Chair	
** Vice Chair	

Our Staff

John Cottrill, Chief Administrative Officer
 Margaret Johnston, Finance Coordinator
 Doreen Robinson, Administrative Assistant
 John Bittorf, Water Resources Coordinator
 Andy Sorensen, Environmental Planner
 Tim Lanthier, Environmental Planning Tech.
 Ashley Wilcox, Environmental Planning Tech.
 Sarah Stephenson, Planning Technician
 Gloria Dangerfield, GIS Specialist
 Krista McKee, Community Relations Coordinator
 Anne Lennox, Forestry & Wildlife Coordinator
 Carl Sadler, Forestry Technician
 Cam Bennett, Forestry Technician
 Chris Hachey, Land Management Coordinator
 Lee Thurston, Conservation Resource Tech.
 Terry Belton, Field Superintendent
 Jason Traynor, Assistant Field Superintendent

Did you knowConservation Authorities are across Ontario?

- * 90 per cent of Ontario's population (over 10 million people) live in a Conservation Authority watershed
- * There are 36 Conservation Authorities, community-based resource management agencies working on a watershed basis
- * Conservation Authorities vary in size from smaller operations managing one or two watersheds to larger operations managing one larger or several adjoining watersheds
- * Each Conservation Authority is governed by a Board of Directors whose members are municipally appointed, 75% of whom are elected municipal politicians
- * Conservation Authorities deliver programs and services totalling approximately \$210 million and employ approximately 3,000 people
- * Conservation Authorities are known globally for stewardship of streams, river, and lakes through the development and delivery of science-based programs that work with nature and the community to protect, restore and effectively manage Ontario's water resources.



Haines Dam

The temporary repairs completed in 2009 appear stable and further erosion of the north berm has not occurred as a result of the leakage through the north abutment. However, the estimated cost of \$120,000 to properly repair this leakage without knowing the stability of the rest of the dam has Grey Sauble Conservation (GSC) questioning the need for the dam and the ongoing maintenance and liability. This spring, GSC held an open house in Clarksburg to initiate feedback from the local community regarding the 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. As a result, GSC contracted the consulting firm HATCH to determine the best way to remove the dam, prepare tender ready documents, apply for permits and estimate the cost for the removal of the dam.

Owen Sound Mill Dam Concrete Repair

Inspections of the dam have revealed several areas of the structure where concrete has failed. 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.

In 2010, the consulting firm Genivar was contracted to assess the concrete condition of the dam. This assessment determined that the Mill Dam requires immediate concrete repairs. This past year, Genivar has continued to

work on the project and has prepared tender ready design drawings. They have also assisted GSC with permit applicants at a cost of approximately \$25,000. GSC applied to the Ministry of Natural Resources for funding and received support for 50% of the costs (up to \$12,500).

Additional work was completed this past summer on the Mill Dam Raceway. Last fall, the hydraulic rods that raise and lower the gates were damaged. Due to the importance of this structure for the salmon egg collection program, the Sydenham Conservation Foundation (in partnership with the Sydenham Sportsmen's Association, BSC and MNR) successfully received funding from the Ontario Trillium Foundation. This funding provided safe access to the gates and control panel and upgrade the gates to prevent future damage. This fall's egg collection went very smoothly and the Sydenham Sportsmen reported that the new control system worked very well.

Taylor Street Detention Pond

This spring, a significant hole developed in the berm on the upstream side of this detention pond. Further investigation determined that the steel pipe that runs through the centre of the berm deteriorated. The bottom of this pipe was rusted through, allowing water to flow through the berm and bypass the flow control structure. The hole was temporarily repaired but the pipe needs to be replaced or lined to prevent further erosion of the structure.

Rankin Dam

This dam is located on the Rankin River and maintains summer water levels throughout Boat Lake and Isaac

Lake. The dam has three bays and each bay has 4 bottom logs that are never removed. Each spring, with the help of a diving team, GSC staff installs control logs on top of the 4 bottom logs. Unfortunately this spring, staff was not aware of a bottom log missing in the centre bay. After the gates were installed and the water levels started to rise, the centre bay developed a significant leak. Once installed, these gates could not be removed and re-installed without drawing down the lake levels. Using brush bundles and homemade fiber logs, GSC staff managed to slow the leak through this centre bay and maintain water levels in the lakes.

Ice Management - 2011

This winter, frazil ice accumulated in the river channel in the Village of Clarksburg on the Beaver River. Frazil ice forms when snow falls on cold open water during periods of cold weather. The snow turns to slush when it hits the water. When the slush hits an obstacle in the river or reaches a point where the river gradient flattens and the river flow slows down, it sticks to the obstruction or to the bottom of the river where it freezes in place causing an ice jam.

In order to prevent the accumulation of ice from damming the river and causing flooding within Clarksburg, an excavator was needed for the removal of ice from the river channel downstream of the village. Fortunately, there were no extended periods of cold weather and the excavator was able to keep the channel open, preventing any significant flooding. In addition to the ice removal, further work was done to the access road along the river bank that is used by the excavator to reach the river ice.

Watershed Monitoring

Staff have been monitoring three major components that assist in evaluating the Grey Sauble watershed health for the past 11 years.

Benthic Monitoring

- 30 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.



Surface Water and Ground Water Quality

- Partnering with the Ministry of 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 Environment for analysis of water quality.



John Bittorf, Water Resources Coordinator, checks the equipment at one of the 10 groundwater monitoring wells.

Thermal Stream Classification

- 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 throughout the watershed as part of this monitoring program.

Data Collection

- Staff and volunteers, collect data at each streamcrossing. The presence of fish, type and size of water crossing, description of low, land use activities and other observations that describe water quality and fish habitat are all geo-referenced and recorded in a database. The data is linked to our GIS maps for easy reference. This data has proven to be a powerful tool for the review of planning and permit applications.



Throughout 2011, the GIS department has continued to support the daily business of the organization. All staff have access to spatial data via internal web mapping and Lands, Forestry, Planning & Water Management Staff have all been trained to use GPS units and desktop GIS software. Field staff can now ground truth and update spatial information on a daily basis. This information is uploaded to our centralized database system, allowing all staff to view, analyze and interpret this shared information using GIS and make decisions more efficiently.

Orthophotography

The most recent air photo project, flown in spring of 2010, is close to completion and Grey Sauble Conservation received the photos in late summer and early fall of 2011. These photos were taken at 20 cm resolution under leaf-off conditions. The lack of leaf cover allows us to see the ground more clearly, specifically in areas of deciduous forests, and therefore capture features that would not otherwise be seen from the air.

Base mapping updates using these new photos have already begun and, in turn, improvements to the accuracy of mapping for all departments including Ontario Regulation 151/06.

Conservation Trail Mapping

All conservation trails have been GPS'ed and incorporated into our GIS. A new trail map brochure is now being completed with updated, accurate trail maps displayed on new aerial photography.

The two photos are of the same property - leaf-off photography captures land features



2006 Leaf-ON Orthophotography



2010 Leaf-OFF Orthophotography

Environmental Planning

Plan Input and Review

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 your property from flooding and erosion hazards. Under agreements with member municipalities and in consultation with county and municipal planning departments, Ministry of Natural Resources, Niagara Escarpment Commission, Ministry of the Environment, Fisheries and Oceans Canada, Grey Sauble staff review applications for consistency with the Provincial Policy Statement (PPS) under the Planning Act. The two main sections of the PPS that the Authority focuses on are 3.1 Natural Hazards and 2.1 Natural Heritage. Natural hazards include flooding, erosion, steep slope and dynamic beach hazards. Natural Heritage features include: fish habitat, significant wildlife habitat, significant woodlands, significant valley lands, provincially significant wetlands, threatened/endangered species, and Areas of Natural and Scientific Interest (ANSI). In many instances, development proposed in or adjacent to these features triggers a requirement to complete an environmental impact study. Authority staff review these reports and provide input to planning boards or committees.

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

The regulation requires that a permit be obtained from our office if you are considering 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) 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.



Plan Review and Permit Activities for 2011

Official Plan Amendments	17
Subdivision/Condominium Applications	6
Permits	337
Zoning By-law and Removal of Holding Consent	98
Niagara Escarpment Commission	74
Minor Variance	65
Pit/Quarry	39
Regulation Inquiry	3
Technical Studies and Site Plan Review	75
Comprehensive Zoning and OPA	26
Site Inspection and Letter	4
Violation and Notice of Regulation	45
Totals	13
	789

Number of Applications reviewed in our watershed municipalities:

	Planning	Permits	Total
Arran-Elderlise	15	7	22
Chatsworth	20	17	37
Georgian Bluffs	81	65	146
Meaford	49	40	89
Grey Highlands	89	58	147
Owen Sound	39	21	60
South Bruce Peninsula	39	49	88
The Blue Mountains	79	76	155
Non-member municipalities:	50	4	54

Grey Sauble Conservation owns, manages and maintains over 11,500 hectares of public land throughout its 3,146 square kilometre watershed jurisdiction. For the outdoor enthusiast, this translates into unlimited opportunities for hiking, cross country skiing, boating, picnicking, bird watching, swimming, hunting and fishing. This also translates to a lot of garbage collection, grass cutting, trail maintenance, facility repairs, risk management checks and capital improvements.

New Partnership

The Bruce Grey Bass Club assisted with an early summer boat launch improvement project at Arran lake Conservation Area. The Arran Lake access road and boat launch area were regraded and additional gravel was added to improve the facility. The Bruce Grey Bass Club supplied all funds and volunteer labour for the project.



Periwinkle Battle - Stewardship Rangers Make a Difference

The Grey/Bruce Stewardship Rangers removed invasive periwinkle plants for a second year at Inglis Falls Conservation Area. Periwinkle was pulled by hand in the escarpment crevices to reduce crowding out of native species like the Hart's Tongue fern. The project has made a dramatic difference to an area once infested by periwinkle, thus creating habitat again for native plants.

Partnership - Grey County and Grey Sauble

Grey Sauble Conservation has been working with the County of Grey over the past 8 years to assist with managing the 45 forest properties owned by Grey County. Grey Sauble Conservation staff provide services related to by-law enforcement, forest management, risk management and recreation. The County Forests cover over 3,300 hectares of land and feature a variety of recreation opportunities including hiking, cross-country skiing, cycling, fishing and hunting. Recently, Grey County has embarked on capital improvements to enhance recreational trail opportunities. Over the past three years Grey Sauble Conservation staff have assisted with trail projects at St. Vincent Forest, Grey Main Camp Oliver Forest and Derby Forest.

Arboretum Alliance Committee

This spring was very busy for the volunteers of the Arboretum Alliance Committee. The Ninth Annual Arbour Day School Program was held late April. Students from Bruce Peninsula District Elementary and Secondary School attended this year's event. Arbour Day program expenses were sponsored by the Sydenham and District Optimist Club, covering the cost of bussing and materials for the event. Arboretum Alliance volunteers also participated in the new Grade 3 "World of Trees" program and the Trees Ontario/CAA sponsored a public tree planting day in May.

Members of the Arboretum Alliance

Jack Westlake, Chair; Brian Murray, Vice Chair; Don Knight, Secretary; Nancy Brown; Rodney Saunders; Merle Gunby; Peter Smith; Jim Hastie; Cecilie Moses; Bill Moses; Murray Peer; Inglis Phinney

Barn Restored in the Arboretum

The barn was resided with board and batton at a cost of \$9,800 this spring. This brings the total barn restoration project to \$24,000 (roof \$9,400, aluminum soffit, fascia and eavestrough \$4,800).



Fall Preparation - Jack Westlake and Brian Murray prepare the land for next years tree planting in the Arboretum.

Forestry

Our Goal:

Forest Management - to have healthy, diverse forest ecosystems which will provide a sustained yield of wood products as well as environmental, ecological, social and cultural benefits.

Grey Bruce Forest Services

Certified staff provide a full range of forestry services for landowners. These services include forest management plans, MFTIP (Manage Forest Tax Incentive Program) applications and approvals, tree marking, tendering and contract monitoring. Grey Sauble sells a wide range of tree seedlings to landowners. We can assist in planning your tree planting project or plant them for you.

Forest Management Operations

Gowan Lake,
191.40 acres, 316,597 fbm, 643 full cords
Skinner Marsh-McNab Lake,
89.70 acres, 45,023 fbm, 321 full cords
Slough of Despond,
165.36 acres, 92,742 fbm, 840 full cords
Total Forest Revenue \$274,285

Forest Tent Caterpillar Spraying

Staff conducted egg mass counts at numerous Grey Sauble properties and discovered that the 2011 caterpillar infestation would be severe in our Management Areas, especially Kemble Mountain and Bognor Marsh regions.

Zimmerman Aerial Spraying was contracted to spray Foray 48B, a biological control agent specific to moths and

caterpillars. The caterpillar must ingested it to be effective.

The following properties were sprayed at a cost of \$53,379:
Bognor Marsh, 447.7 acres; Skinner's Bluff, 688.4 acres; Bass Lake, 597.7 acres; Slough of Despond, 185.7 acres; Kemble Mountain, 161.5 acres; Gowan Lake, 191.4 acres.

Prior to spraying, all property entrances were signed with notices, ads were placed in local newspapers and letters were sent to neighbouring landowners.

The Effects of Severe Caterpillar Defoliation are:

- Defoliated trees have reduced energy levels because reserve carbohydrates are used to re-leaf.
- Re-leafed trees have a shorter growing season and therefore store less carbohydrates.
- Depleted carbohydrate reserves makes trees more vulnerable to pathogens or environmental conditions such as insects, disease, drought or severe cold.

Summary of Projects for 2011

- Trees Ontario - 50 Million Tree Program
- 46 projects for private landowners - 285,586 trees planted
- 3 projects for GSC - 19,700 trees planted
- Grey Bruce Forest Service
- 2 landscape projects - 105 trees planted

Over-the-Counter Tree Sales

- 113 tree orders - 33,105 trees sold
- Arbour Day Tree Sale
- 6,994 trees and shrubs sold
- Landscape Stock Sales
- 56 orders - 2,365 trees sold
- Tree Spraying Program
- 41 projects 243,200 trees sprayed
- 2 projects - Coco discs placed around 6,200 trees
- Other Services
- 21 MFTIP plans prepared, 1 tree marking project for LFCA
- TC Meaford, 5 site visits

Trees Planted in your Municipality

- Arran - Elderslie - 3,200
- Chatsworth - 24,350
- Georgian Bluffs - 68,850
- Grey Highlands - 46,750
- Meaford - 110,786
- South Bruce Peninsula - 27,300
- The Blue Mountains - 24,050
- TOTAL trees 305,286



Grey Bruce Children's Water Festival

The four day event in September was open to grade 4 students across Grey and Bruce Counties. Approximately 1,800 students took part in exploring 46 hands-on activities and learning about our precious water. This event relies on sponsorships and over 150 volunteers to man the hands-on learning stations.

Bruce Grey Forest Festival

The three day event in October was designed for Grade 7 students in Bruce and Grey Counties. Approximately 900 students took part in the activities dealing with forest ecosystems, resource management and sustainability, biodiversity, species at risk and stewardship. The festival took place at the Allan Park Management Unit located south of Allan Park.

Wildwater Program

Grey Sauble Conservation and Grey Sauble Foundation visited 10 schools, educating 747 grade four and five students about the dangers of ice, fasting cold spring water and hypothermia. This popular program was supported by the Foundation and the Kiwanis Club of Owen Sound.

The Great Outdoors Day Camp

Grey Sauble offered an eight week day camp for children to explore the Great Outdoors. Our camp leaders were outstanding in providing fun activities, hikes, games and water activities for the children. The program operated at its' capacity (24 children) each day.

Young Naturalists Club

A cooperative venture with the Owen Sound Field Naturalists, this program is for children ages 7-12. Activities we enjoyed this year were: snowshoeing, campfire in

the winter, building suet logs, special guests, and a Bus Trip to Cambridge Butterfly Conservancy. The program operates from September to June, meeting once month at the Grey Sauble Administration Centre.

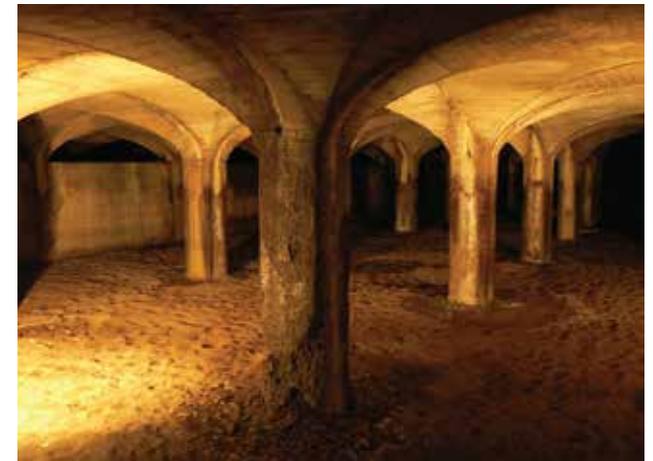
Snow Frolic Adventures

February offered the opportunity to invite our partners to showcase their organization. Participants were: Bruce Ski Club, Owen Sound Cross-Country Ski Club, Bruce Trail, Owen Sound Field Naturalists and the Young Naturalists. Suntrail Outfitters joined in and offered snowshoe trials, Owen Sound Field Naturalists provided games and sled dogs were on site. The Young Naturalists Club offered a lunch counter as a fundraiser for their bus trip.



Trails Open

The first weekend in June, staff opened the Inglis Falls Water Filtration Plant for viewing. Staff offered a 10 minute guided hike to the 100 year old cavern. Over 200 people were WOWED by the 100 year old technology. The filtration plant was decommission in the 1960's.



Inglis Falls Conservation Area Water Filtration Plant

Science Fair

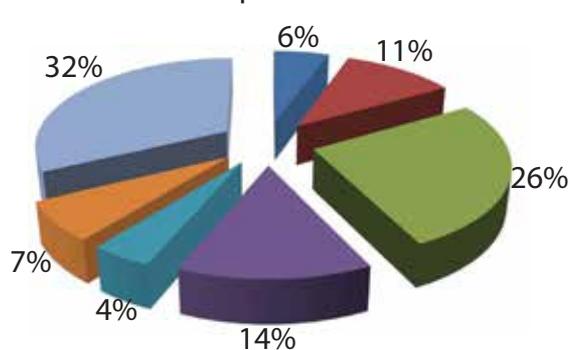
Each year we assist the Bluewater School Board in judging the Grade 4 Science Fair. Grey Sauble provides a trophy and \$40.00 cash prize for the project that best illustrates the wise use of soil or water.



2011 Winner of the Grey Sauble Science Fair Award
B. Bouius, Grade 4, Science Project "A Natural Killer"

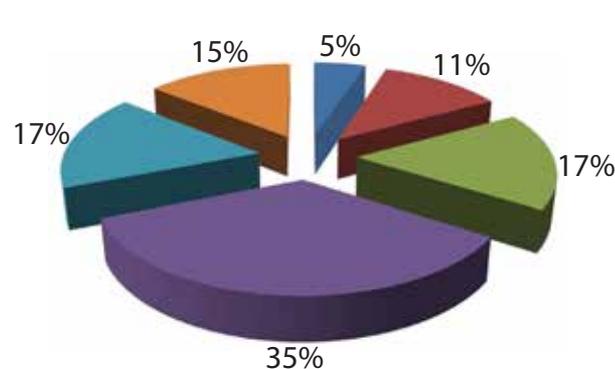
Finance

Expenses



Water Management 6%	\$166,501
Environmental Planning 11%	\$341,514
Forestry Management 26%	\$798,270
Conservation Properties 14%	\$410,416
Info & Education 4%	\$133,284
Administration 7%	\$212,518
Capital Projects/Reserves 32%	\$987,017

Revenue



Grants 5%	\$153,282
Trees On 11%	\$363,621
User Fees 17%	\$521,481
Municipal Levy 35%	\$1,064,148
Other Revenue 17%	\$514,781
Reserves 15%	\$432,207

Grey Sauble Conservation
Administration Centre
519 376-3076 t
Hours of Operations
Monday - Friday 8:30 - 4:30
located at - 237897 Inglis Falls Road,
Owen Sound



The Source Protection Committee has received approval for the Assessment Reports that were submitted to the Ministry of the Environment for the Saugeen Valley Source Protection Area, the Grey Sauble Source Protection Area and the Northern Bruce Peninsula Source Protection Areas. These reports with maps are available at www.waterprotection.ca

The Source Protection Committee, with input from the Agricultural and Rural Working Group and the Planning Officials Working Group, has drafted preliminary policies that will eventually comprise the Source Protection Plan. The policies are intended to ensure that activities that could be threats to sources of drinking water never become threats and that existing activities that are considered threats now are managed so that they cease to be threats. The policies apply to very specific vulnerable areas associated with municipal wells. The preliminary policies for the Source Protection Plan were forwarded to potential implementing agencies in November for review and comment as part of the pre-consultation process. In late November, early December five municipal workshops were held to give municipalities the opportunity to ask initial questions as part of pre-consultation on the preliminary policies. The Source Protection Committee will consider the comments received during pre-consultation. The Draft Proposed Source Protection Plan will be prepared in early 2012. The public will have the opportunity to review and comment on the Draft Proposed Source Protection Plan in spring 2012.

The Early Response Program (under the Ontario

Drinking Water Stewardship Program) was launched in 2011. As of January 2012, approximately \$175,456 in grants had been allocated out of \$406,700 of the total in government funding that is available locally to eligible landowners. The types of eligible projects include: well and septic upgrades; agricultural best management practices; manure storage facilities; fuel and chemical storage. The program will continue through 2012 for projects that address local significant drinking water threats as identified in the Assessment Reports.

In 2011, there have been approximately 245,581 visits to the www.waterprotection.ca website with average of 674 hits per day.

Factsheets

Go to - www.waterprotection.ca "publications" you can download factsheets on: Chemical and Fuel, General Information, Horticulture, Livestock, and Row Crops.

Staff

Don Smith, Project Manager
 Nancy Guest, Administrative Assistant
 David Ellingwood, Program Supervisor
 Thorsten Arnold, Technical Supervisor
 Sara Pickard, Water Quality Technician
 Emily Vandermeulen, GIS / Database Specialist
 Steacy den Haan, Communications Specialist (mat leave)
 Karen Gillan, Communications Specialist
 Elly Ward, Outreach Specialist (mat leave)
 Donna Clarkson, Outreach Specialist
 Brian Luinstra, Hydrogeologist



Source Protection Committee

Chair, Mike Traynor
 Agricultural Representatives
 Dr. David Biesenthal, Robert Emerson, Brent Lanktree
 Municipal Representatives
 Mitch Twolan, Ken Furlong, Les Nichols, Kathie Hughes, Bill Twaddle
 Industrial Representative
 Carolyn Parker
 Commercial Representative
 Mark Kraemer
 Other Interests
 Dale Thompson, Les MacKinnon, Lou D'Alessandro, Bruce Davidson, Carolyn Day

Grey Sauble Conservation 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.

Wildwater

Each year the Foundation assists GSC in funding the Wildwater Program in our watershed schools. In 2011 we visited 10 schools and presented to 747 Grade 4 and 5 students about spring ice water safety.

Environmental Scholarship

The Foundation offers a \$1,000 environmental scholarship to a student pursuing a post secondary-school education in environmental related programs. Below, is Chair Don Knight presenting a cheque to the 2011 winner Arno VanDijk, of West Hill Secondary School.



BioMap

Financial support is provided to assist the GSC for the BioMap program that collects samples to determine the health of our watershed.



Trees for Schools

Twelve schools participated in the Trees for Schools program - 130 trees and shrubs were distributed to the schools to green their schoolyards.

Earth Day Hike

Meaford Community and St. Vincent-Euphrasia Public Schools and Georgian Bay Secondary School hiked the Georgian Trail and raised approximately \$3,700. Half of the proceeds were distributed to the schools as a fundraising event for them.



Conservation Trust Fund

Donations to the Trust Fund continue to grow over the past 18 years. The principal amount \$115,000 is never touched and the interest generated is given each year to the GSC in support of their projects.

Memorial Forest

A tree can be purchased in memory of a loved one at a cost of \$50.00. In 2011, 135 trees were purchased and planted in one of our Memorial Forests located at Pottawatomi Conservation Area, Big Mud Lake Management Area or Griersville Management Area.



Foundation Directors

Don Knight, Chair Bruce Calvert, Vice Chair; Ed Barker, Treasurer; Peter Reesor, Secretary; Sue Brown; Janice Collins; Marg Gaviller; Merle Gunby; Lee Heard; Cliff Keeling; Don Sankey; Christine Silvester; Kristen Van Alphen; Colleen Walker; Harley Greenfield; Mark Wunderlich



Mark us on your 2012 Calendar



Remember a loved one Memorial Forest

Plant a tree as a living memory of a loved one. A tree costs \$50 and planted at one of three memorial forests near either Warton, Owen Sound or Meaford. Each June a dedication ceremony is held for families and donors of trees purchased in the preceding months.



Grey Sauble Conservation
FOUNDATION

For more Information
foundation.greysauble.on.ca

Annual Tree Seedling Sale

Note Change of Date **Saturday, April 21st**
8:00 am - 12:00 noon

Species Available

butternut, white birch, black cherry, black locust, sugar maple, red maple, silver maple, red oak, bur oak, white oak, hybrid poplar, black walnut, balsam fir, fraser fir, white cedar, eastern hemlock, austrian pine, white pine, red pine, white spruce, norway spruce, colorado blue spruce, tulip tree, sycamore, nannyberry, american highbush cranberry, black elderberry, american hazelnut, hackberry, red elderberry), staghorn sumac

Prices Range from \$1.00 - \$25.00



CASH or CHEQUE, ONLY!

Small Quantity of Landscape Trees Available

Bring your own container for the bareroot seedlings (eg. pail or bags)

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

Refreshments & BBQ lunch fundraiser by Grey Sauble Conservation Foundation

Questions about our programs, please call at 519 376-3076 ext 224 or e-mail

k.mckee@greysauble.on.ca

Visit our website

www.greysauble.on.ca

Earth Day & Arbour Day

April 22, 2012

April 27, 2012

- Why we should plant **Trees**

- a newable, natural resource
- cleans our water
- prevents soil from blowing away
- a home for birds and animals
- helps prevent erosion
- cleans our air, traps carbon
- provides windbreaks/shelters saving us money for heating in the winter and cooling in the summer



BOOK NOW for YOUR 2013 Tree Planting

Tree Planting Grants Available

1. 50 Million Tree Program

- up to \$1.35 per tree, grant available for eligible projects (minimum landowner contribution is \$.15 per tree, minimum size of project 2.5 acres)

2. Full Service Program

- \$.50 per tree grant available for eligible projects (minimum 1,500 trees)

3. Grey Bruce Forestry Service Tree Planting Program

- available for smaller planting projects



If you like being outdoors, playing environmental games, crafts, and learning about nature, and you are between 7 and 12 years old, give us a call to join the Young Naturalists Club in September.

519 376-3076 ext 224

A cooperative program between Grey Sauble Conservation and The Owen Sound Field Naturalists.

The Great Outdoors Adventure Summer Day Camp

Join us in Outdoor Adventure!



**Beginning July 3, 2012 to
August 24, 2012**

**Crayfish Hunting, Outdoor Games,
Crafts, Hiking,
Scavenger Hunts, and more!**

Costs: \$22.00 per day

Place: Grey Sauble Admin Centre

Day Camp Hours: 8:30 am- 4:30 pm

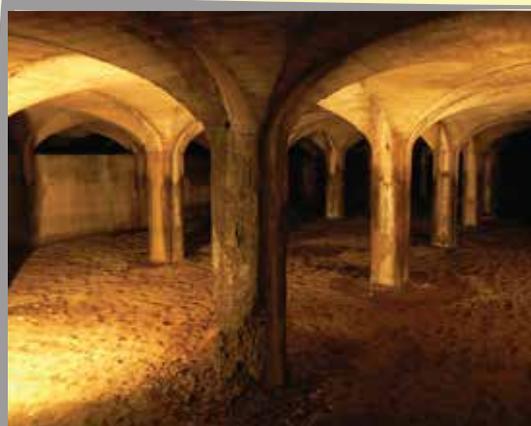
For Ages: 7 - 12

Maximum: 24 children per day

Download our registration form

www.greysauble.on.ca

**Register today so your kids
won't be disappointed!**



**Tour the Filtration Plant at
Inglis Falls Conservation Area
June 2 & 3, 2012
10:00 am - 4:00 pm**

A Free Family Event

Please wear appropriate footwear for hiking.

Meet Grey Sauble Staff at the Inglis Falls Pavilion

A Trails Open Event, in conjunction with Doors Open