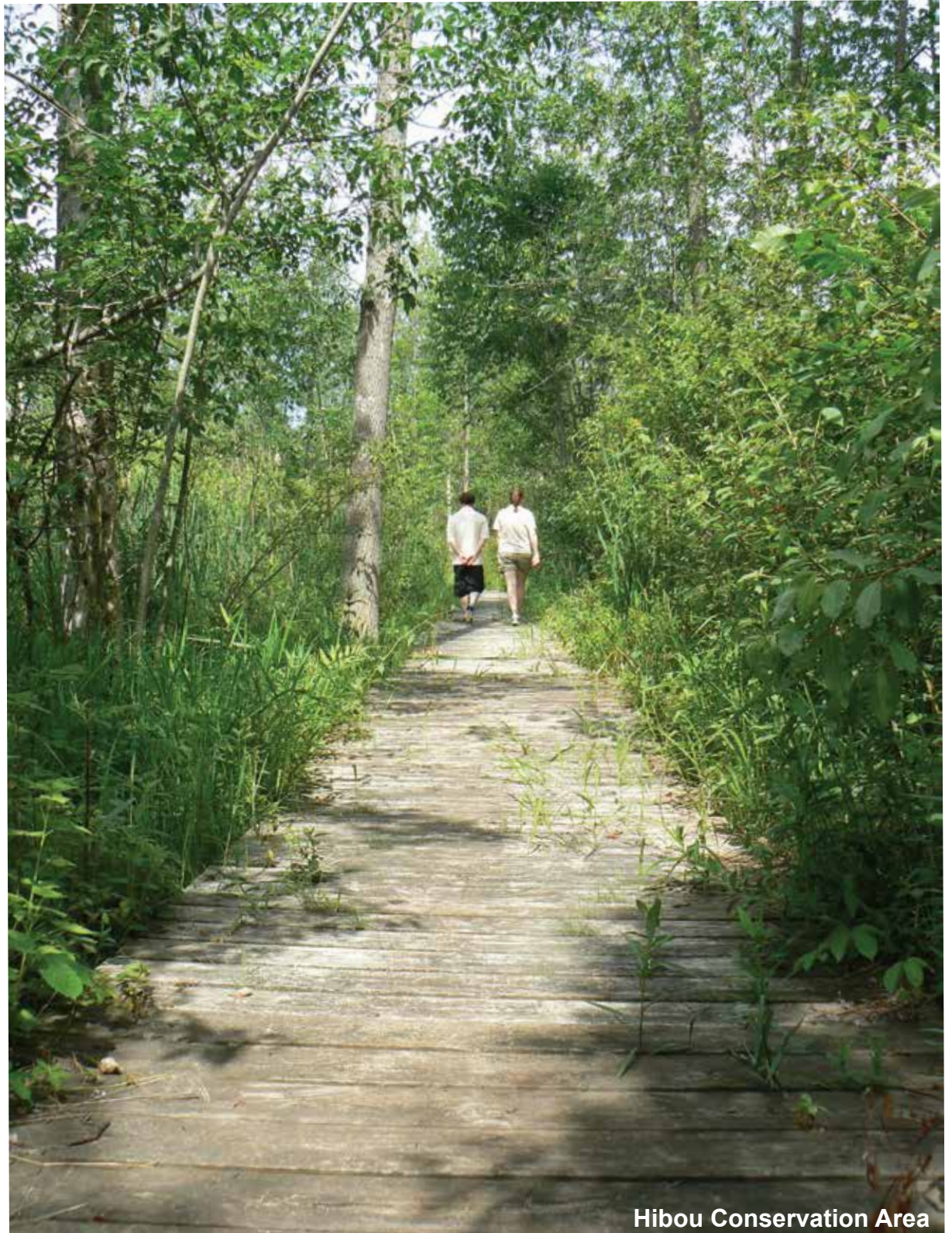
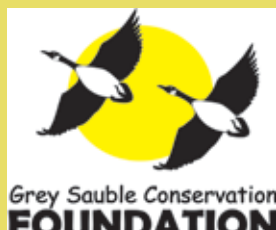


Grey Sauble Conservation 2013 Annual Report

www.greysauble.on.ca



Hibou Conservation Area



237897 Inglis Falls Road, Owen Sound, On 519 376-3076

Grey Sauble Programs

Water Management & Water Monitoring
Geographic Information Systems
Environmental Planning
Land Management
Forest Management
Community Relations & Finance
Grey Sauble Conservation Foundation
Drinking Water Source Protection

2013 Staff

John Cottrill, Chief Administrative Officer
Margaret Johnston, Finance Coordinator (Jan-May)
Alison Armstrong, Finance Coordinator (May)
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
Gloria Dangerfield, GIS/Database Coordinator
Krista McKee, Community Relations Coordinator
Anne Lennox, Forestry & Wildlife Coordinator
Carl Sadler, Grey County Tree Cutting By-law Officer & Forestry Technician
Cam Bennett, Forestry Technician
Chris Hachey, Lands Management Coordinator
Lee Thurston, Resources Technician
Terry Belton, Field Superintendent (retired July)
Jason Traynor, Field Superintendent (June)
Jason Traynor, Assistant Field Superintendent (Jan-June)
Wade Nixon, Contract Field Staff
Jeremy Hawke, Contract Field Staff



Did you know that Grey Sauble Conservation is 57 years old!

Interesting Facts

Formerly called North Grey Region and Sauble Valley Conservation Authorities. Established in 1957 and 1958.
First property acquisition was March 5, 1958 - 53 acres purchased for \$350.00 in Little Germany, Town of The Blue Mountains. Today, Grey Sauble Conservation owns over 11,400 hectares (over 28,000 acres) of property to explore.
In 2007, marking our 50th Anniversary we introduced a new logo and dropped the word Authority in our name.

Our Administration Centre

is located at 237897 Inglis Falls Road just south of Owen Sound. You will see our entrance signs!



The Administration Centre is open Monday to Friday 8:30 am - 4:30 pm. There are many accessible walking trails in the Arboretum (a place to study trees), benches and interpretive plaques. A new pavilion awaits your visit!

2013 Board of Directors

First Row, left to right, John Cottrill CAO, Judy Gay, Dick Hibma Chairman, Jan Chamberlain, Michael Martin, Bob Lennox
Second Row, left to right, Harley Greenfield, Terry McKay, Dave Clarke, Paul McKenzie, Paul Eagleson, Mike Poetker

The Grey Sauble Conservation watershed is comprised of 8 municipalities. Each municipality appoints one or two representatives to our Board of Directors. The appointment is based on municipal population, under 10,000 - one representative is appointed, and more than 10,000, but less than 50,000 population - two representatives are appointed to the Board of Directors.



At the A.D. Latornell Conservation Symposium, Peter Middleton was one of five recipients to receive the Latornell Leadership Award. This award honours individuals who have demonstrated life-long, outstanding contributions to the field of conservation. Peter has been a teacher and leader for five decades. Congratulations Peter!
Photo - Left to Right, John Cottrill, Krista McKee, Norah Toth, Stewart Nutt, Jan Chamberlain, Peter Middleton, Judy Gay, Jan Middleton and Dick Hibma

Photos on Front Page Top to Bottom

Photo 1 - Arboretum Alliance, purchase a golf cart for working on the accessible trails and tree planting in the "Trees of the World"
Photo 2 - Bruce Trail Volunteers replace a section of Bruce Trail boardwalk at Inglis Falls Conservation Area
Photo 3 - Salmon Run Interpretive Plaque installation at the Mill Dam
Photo 4 - Grey Sauble Conservation Foundation Fund Raising Dinner on September 27th
Photo 5 - DayCamp Staff hiking on the boardwalk at Hibou Conservation Area

Water Management

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, GSCA held an open house in Clarksburg to initiate feedback from the local community regarding the possible removal of the dam. GSCA did not receive any negative comments regarding the removal and most were very supportive of the direction we were taking. Since then, GSCA 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 2014, GSCA will continue to move forward with this project.

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, GSCA has attempted to secure funding and to complete this project. Provincial grants are required before we are able to undertake projects of magnitude. In 2014, GSCA will continue to seek Provincial funding for this project and hopeful that we can complete it this fall after the salmon are done running the fishway.

Rankin Dam

Most areas throughout our watershed received above average rainfall. However, the Rankin River watershed experienced extended periods this summer with very little rain. This had a significant impact on the water levels of Boat Lake and Isaac Lake. The lack of rain, evaporation and the normal leakage of the boards installed at the dam caused lake levels to drop significantly.



Did you knowthat Grey Sauble Conservation hires a dive team every spring to remove any debris that may be caught in Rankin Dam. Removal of the debris ensures a good seal between the logs so that there will be less water seepage during the summer months. Rankin Dam provides recreational water levels for Boat Lake, Isaac Lake and Sky Lake.

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 a significant concern for residents of Clarksburg. The river channel through the Town of Clarksburg is one of the locations where this ice damming occurs. In 2013, we experienced several extended cold periods and frazil ice damming did occur in Clarksburg. Fortunately, Town of The Blue Mountains staff were able to keep the damming to a minimum and no serious flooding occurred.



Haines Dam

Water Monitoring

Staff have been monitoring Grey Sauble's Watershed Health for the past 12 years.

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.

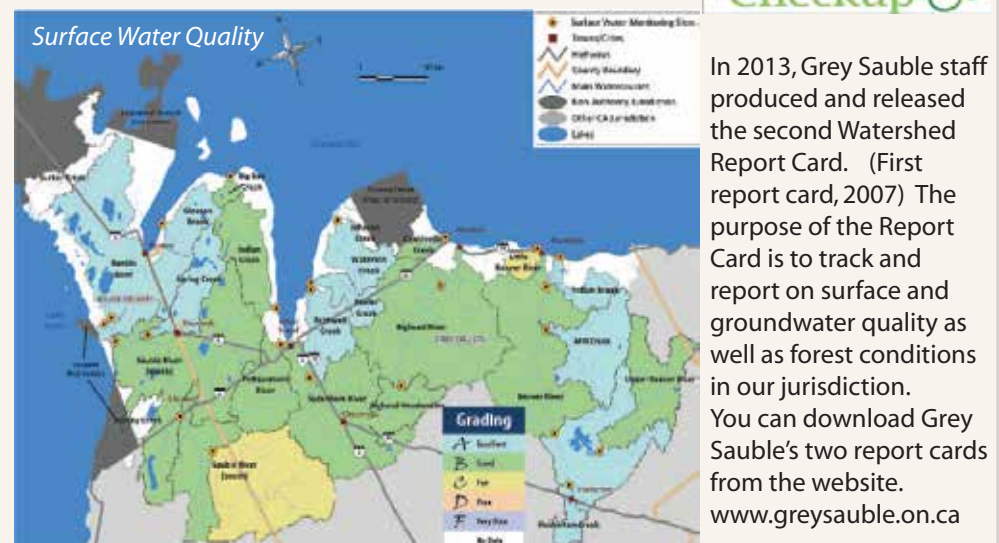
Surface Water and Ground Water Quality

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 water-crossings, culverts, etc. which is recorded in our database to be used as a tool in review of planning and permit applications.

WATERSHED REPORT



In 2013, Grey Sauble staff produced and released the second Watershed Report Card. (First report card, 2007) The purpose of the Report Card is to track and report on surface and groundwater quality as well as forest conditions in our jurisdiction. You can download Grey Sauble's two report cards from the website. www.greysauble.on.ca

GIS (Geographic Information System)

Geographic Information Systems continue to be an integrated part of daily business at Grey Sauble. Not only do most staff use GIS to analyze and interpret spatial information, new initiatives in GIS have allowed staff to greatly improve on existing spatial information making in-house mapping, analysis and interpretation as close to ground conditions as possible. In the past, Grey Sauble relied heavily on smaller scale, external sources of information; now, with the ability to produce much of the data at our organization using new technologies, it can be corrected and produced from a larger-scale, local, perspective. This greatly aids staff in better decision-making and more efficient at their jobs.

Conservation Lands Signs

GIS staff have worked throughout the year with several volunteer organizations to offer mapping & GIS assistance. Staff worked with the Friends of Hibou to produce new signage using mapping that contains both the 2010 Orthophotography ** and newly GPS'ed trails data. GPS coordinates and QR codes, for quick smartphone access to the Grey Sauble website mapping, were also added to these signs. Similar signs were also completed for the Pottawatomi/Jones Falls Conservation Area and will be erected this spring.

Shell Fueling Change

In May 2013, Grey Sauble Digital Mapping for Watershed Conservation Project landed in third spot in the Shell Fueling Change Program. As a result of the help of public voting, we received a \$25,000 grant to go towards purchasing a 3D system. This 3D stereo photogrammetry system is allowing Grey Sauble to use the raw information from air photo projects and create stereo pair * models. Using these models, new, high quality elevation data is being created and base information such as watercourses, wetlands and woodlands are being captured from an improved perspective. This will also greatly aid in creating accurate setbacks and mapping for natural hazards. This system was purchased in the summer of 2013 and intensive staff training followed in the fall. It is now being used to further the knowledge of our landscape.

Thank you to all that supported our project by purchasing Shell Fuel products and who took the time to collect points and vote for our mapping project!

*Stereo pairs: Two overlapping photos, that when viewed using a stereoscope or photogrammetry software & 3D goggles with monitor, can be seen in a 3 dimensional view allowing the user to see the depth (elevation) of different objects in the photo.

**Orthophotography: The term Orthophotography refers to aerial photos that are spatially referenced and have been corrected for distortions from topographic relief, lens distortion and camera tilt.



Gloria Dangerfield, GIS /Database Coordinator and Les McKay, IT Specialist, wear the 3D goggles to view the 3 dimensional photos

Environmental Planning

Plan Review Activities in 2013

Official Plan Amendments	9
Subdivision/Condominium Applications	4
Zoning By-law and Removal of Holding	80
Consent	83
Niagara Escarpment Commission	71
Minor Variance	48
Pit/Quarry	0 (new)
Technical Studies and Site Plan Review	32
Site Inspection and Letter	53

Regulation 151/06 Permit Activities

Regulation Inquiries	90
Permits	320
Violation and Notice of Regulation	11



Indian Paint Brush

Number of Applications reviewed in our Watershed municipalities:		151/06	
		Planning	Permits Totals
Municipality of Arran-Elderslie	11	2	13
Township of Chatsworth	25	16	41
Township of Georgian Bluffs	81	22	103
Municipality of Meaford	45	55	100
Municipality of Grey Highlands	117	52	169
City of Owen Sound	55	46	101
Town of South Bruce Peninsula	43	59	102
Town of The Blue Mountains	74	67	141
Other Applications Reviewed for Non-Member Municipalities			
– Fees Supplied by Applicants	33	1	34
Totals	484	320	804

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 and 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 Grey Sauble 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 and/or Natural Hazards assessments. 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

Please contact us if you are unsure if you require permission under this regulation for a project.

Land Management

Friends of Hibou

In 2013, a volunteer group approached Grey Sauble Conservation with an interest to enhance the recreational and natural appreciation of Hibou Conservation Area. The new group known as the “Friends of Hibou” was spearheaded by long-time conservation supporters, Bob and Marie Knapp. Friends of Hibou committee and volunteers were very active in their first year, engaging in projects such as guided hikes, fundraising, trail pruning, boardwalk improvement and new trail signage. Overall, the group will greatly increase the capacity of the Grey Sauble Conservation to improve and maintain both natural and recreational spaces within Hibou Conservation Area.



Friends of Hibou received a \$4,000.00 grant from TD Friends of the Environment to build new boardwalks. Volunteers from the Friends of Hibou and the Sydenham Bruce Trail pose after a successful boardwalk building work party.

West Rocks Partnership Leads to Newly Acquired Park Land

Grey Sauble Conservation, the County of Grey, the City of Owen Sound and the Bruce Trail Conservancy banded together to purchase new park land along the Niagara Escarpment. The 52 acre parcel of land is zoned Escarpment Natural and represents one of the final pieces of important park land in the Owen Sound area. The property has significant natural heritage value and it also provides vital trail linkages within West Rocks, the Grey County Derby Forest and the Bruce Trail.



Natural Choices

Grey Sauble Conservation owns, manages and maintains over 11,500 (28,000 acres) of pubic land throughout it’s area of jurisdiction. For the outdoor enthusiast, that translates into unlimited opportunities for hiking, cross country skiing, boating, picnicking, bird watching, swimming, hunting and fishing, just to name a few. With this usage, also comes garbage collection, grass cutting, trail maintenance, facility repairs, risk management checks and capital improvements.



Photo left, Best Wishes to retiring Field Superintendent Terry Belton!



Photo right, Jason Traynor, our new Field Superintendent, installing new trail signs at Inglis Falls and the Administration Centre/Arboretum .

Did you know?

Volunteers with the Inglis Falls Arboretum Alliance gather local seed from native trees and shrubs to grow the plants which are featured along the newly established Arboretum trails.

What’s an Arboretum? A place to study trees
Where’s the Arboretum? It’s located at our Administration Centre, 237897 Inglis Falls Road. The Arboretum is divided into 2 parts - The Trees of the World and Trees of Grey and Bruce.

Forestry

Tree Planting - 204,970 trees were sold in our watershed in 2013

Trees Ontario - 50 Million Tree Program

- 40 Projects & 1 refill - 127,241 trees planted (projects required site preparation, vegetation control & frost seeding)
- 4 Projects for Grey Sauble Conservation 18,291 trees planted

Grey Bruce Forestry Services Tree Planting Program

- 229 trees, plus 24 landscape trees planted
- Forest Recovery Canada - 3 projects = 3,500 trees

Over the Counter Tree Sales

- 116 Private Landowner orders - 44,137 trees

Arbour Day Tree Seedling Sale

- 5,564 trees and shrubs

Landscape Stock Trees

- 68 landscape orders - 3,008 trees & coco discs

Tree Spraying

- 37 projects - 124,166 trees sprayed
- 2 frost seeding projects around 16,200 trees

Trees Planted in your Municipality

Northern Bruce Peninsula	14,100	Arran Elderslie	7,700	Georgian Bluffs	28,695
South Bruce Peninsula	6,600	Chatsworth	11,800	Grey Highlands	35,781
Meaford	23,835	Town of The Blue Mountains	20,521		

Forestry Services

Our staff provide a full range of forestry services for landowners. Services include: tree marking; tendering and contract monitoring; Manage Forest Tax Incentive Program (MFTIP) Plans for landowners to receive a reduction in land taxes. This year staff prepared 30 MFTIP Plans (15 in 2012) and 1 tree marking project.

Forest Management Operations						
Property	Comp #	Operation	Area	Volume		Revenue
			(acres)	Sawlogs (fbm)	Fuelwood (full cords)	
Robson Lakes	132	Upland Deciduous	70.30	11,010	78	\$ 9,850.00
Bognor Marsh	27	Plantation	122.70	--	438	\$13,500.00
Walters Creek	178	Plantation	28.14	--	189	\$ 6,800.00
The Glen	172	Upland Deciduous	160.00	--	--	--
The Glen	173, 174	Upland Deciduous	46.50	17,113	89	\$ 8,200.00
Wodehouse	189	Upland Deciduous	30.00	18,921	31	\$10,430.00
Wodehouse	190	Plantation	24.50	--	115	\$ 4,500.00
			Total			\$53,280.00

Forest Management Plan - 20 Year Plan

Staff prepared a Draft 20 Year Forest Management Plan that the Board of Directors approved in prinicple in 2012. The plan was finalized and implemented as the foundation for forestry operations for the period of January 1, 2013 - December 31, 2032. The Forest Management Plan can be reviewed on our website. Go to www.greysauble.on.ca, Programs & Services, select Forestry and you will see the downloadable pdf (1.5 meg in size).

Emerald Ash Borer found in the Municipality of Meaford (St. Vincent Twp)

July 2, 2013 The Canadian Food Inspection Agency (CFIA) has confirmed the presence of the emerald ash borer (EAB) in Grey County. The emerald ash borer was discovered on the 4th Sideroad, south of Meaford, Ontario.

Movement restrictions, which prohibit the movement of all ash materials—such as logs, branches and wood chips—and all species of firewood from the affected site, will be put in place. Property owners will be notified of these restrictions. Further regulatory measures will be considered once all survey work has been completed for the year.

The presence of EAB has now been confirmed in 31 Ontario counties, and in seven areas in the province of Quebec. Although EAB does not pose a risk to human health, it is a highly destructive beetle. It has already killed millions of ash trees in Ontario, Quebec and the United States, and poses a major economic and environmental threat to urban and forested areas of North America.

(Excerpt from Canadian Food Inspection Agency News release, July 2, 2013)



Emerald Ash Borer is 13 mm (1/2”) long

Community Relations - Information and Education

Corporate Promotions - the digital way!

Grey Sauble’s website traffic is on the rise as people surf the web using their phones. We are incorporating QR codes on our Conservation Areas signage for the ease of obtaining more information about the area or Grey Sauble. We are on Facebook and our followers and likes are growing on a daily basis.

Wildwater Program - Spring Ice Water Safety Program

Grey Sauble Conservation visited 11 schools, educating 593 grade four and five students & one home school group of the dangers of spring ice water. GSC staff interacts with students identifying dangerous ice conditions, hypothermia, and scenario role playing. We thank our Community Partner, Ontario Power Generation for supporting our program.



The Great Outdoors Day Camp

Early registration provided a full summer day camp with 24 participants each day. Our staff, Rachel deJong and Jake See provided hiking experiences, water activities, games, crafts, crayfish hunting, water tubing and more. Cost to attend day camp in 2013 was \$23.00 per day.

Young Naturalists Club

In 2013, 24 children registered for the Young Nats Club. The Club is for children ages 7 to 12 years old. Children under the age of 7 may attend with parent accompaniment. The 2013 activities were: snowshoeing at Bognor Marsh with a campfire, hot chocolate, and bannock; Kemble Mountain sugar bush; guest speaker Dr. Gino Ferri - Survival in the Bush; Bognor Marsh frog and snake identification and built bird feeders out of recycled containers. Cost to join the Young Naturalists Club was \$30.00 per family.

Grey Bruce Children’s Water Festival

The three-day event in September was open to Grade 4 students in Grey and Bruce Counties. Approximately 1,200 students took part in exploring over 40 hands-on activities and learning about water. This event relies on sponsorships and over 150 volunteers to assist with the event.

Bruce Grey Forest Festival

In October, this three-day event took place in the Allan Park Management Unit. Approximately 900 Grade 7 students participated in forest activities exploring ecosystems, resource management and sustainability, biodiversity, species at risk and stewardship. Many displays were also on site: Ontario Hydro Forestry Department, reptiles, birds of prey and a portable saw-mill. A Big Thank You to all the volunteers that make this event happen!



At the Forest Festival, Glen Purves of Canadian Raptor Conservancy talks about Bruce the Bald Eagle

Science Fair

Each year Grey Sauble 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 2013 Grey Sauble Award was Kinsley Cobean.

Youth Expo

The Youth Expo was held on June 22nd at the Sydenham Sportsmen’s Clubhouse. This all-day event was open to 70 children ages 10-17. The day provided activities to experience: archery, target shooting, casing a fishing pole, aquatic critter dip, OPP dog demonstration and Gayle Watson’s Capable Canines students. Our gracious sponsors were: Sydenham Sportsmen’s Association, Bruce Power, Ontario Federation of Anglers and Hunters, Optimist Club of Sydenham & District, Grey Sauble Conservation, Saugeen Conservation, OMNR, Upper Great Lakes Management Unit-Lake Huron MNR & Ducks Unlimited.



Mike Prevost, Sydenham Sportsmen’s Club shows participants at the Youth Expo how to shoot a bow.

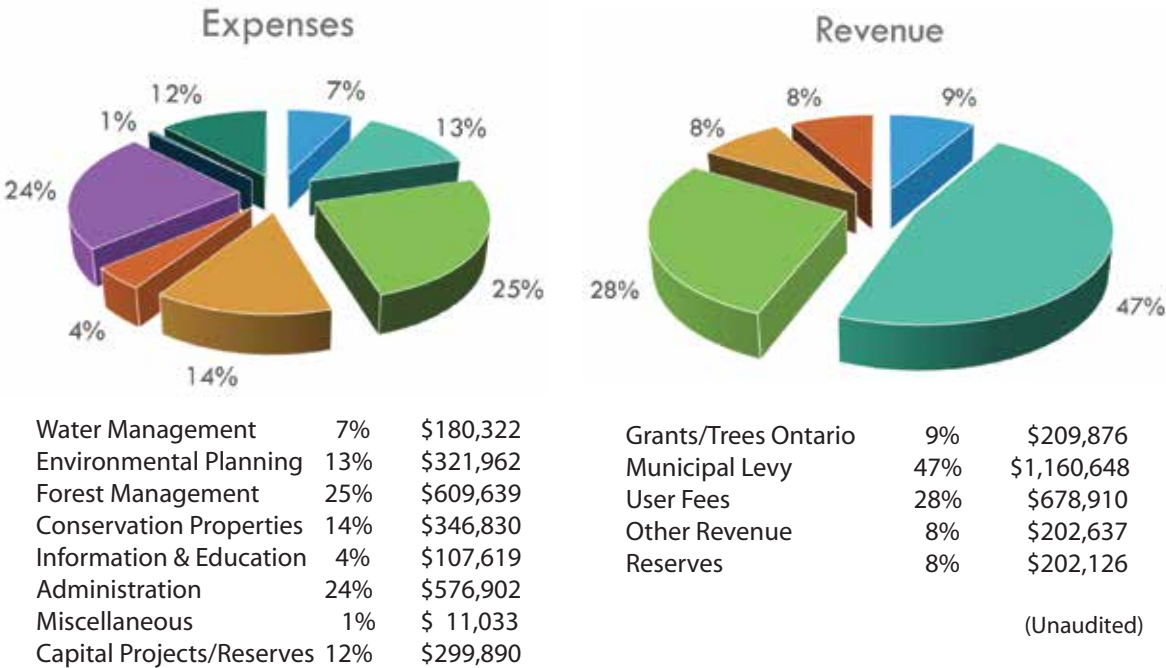
New Signs

The final two Memorial Forest Plaque Signs at Pottawatomi and Big Mud Lake where completed. Fantasy Signs will be erecting them in the spring 2014. As well, Pottawatomi/Jones Falls and Hibou Conservation Areas have new signage and will be installed along the trail system in 2014.

Finance & Administration



The Grey Sauble Conservation Administration Centre is located on 237897 Inglis Falls Road, just south of Owen Sound. Our office hours are: 8:30 am - 4:30 pm Monday to Friday Phone 519 376-3076 Fax 519 371-0437 www.greysauble.on.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.

Malcolm Kirk Environmental Scholarship



In 2013, the board of directors renamed the scholarship to honour Malcolm Kirk, who died in 2012. Mr. Kirk was instrumental in acquiring almost 80% of Grey Sauble's landholdings.

The 2013 recipient of the \$1,000 Malcolm Kirk Environmental Scholarship was Rachel de Jong of West Hill Secondary School. Rachel is pursuing her secondary school education in the Environmental Engineering Program at the University of Waterloo.

Cheque Presentation, Left to Right, Judy Gay Foundation Chair, Rachel de Jong, Joan Kirk



Memorial Forest

The Griersville Memorial Forest sign is the first of three new signs placed at our forests. Pottawatomi and Big Mud Lake were completed in 2013 and will be installed in the spring of 2014.

If you wish to have a tree planted in memory of a loved one, please call our office (519 376-3076) and staff will be happy to help you. Each year we host a Commemorative Ceremony at the Administration Centre to recognize all those who have had a tree planted in their memory.

Donor Recognition Presentation

At the Annual General Meeting in April, recognition was given to Bruce Calvert who has donated to the Foundation Donor Recognition Program and has reached the Foundation Patron level. Bruce received a personal glass plaque with a bronze leaf. A leaf will also be added on the Donor Tree located at the front entrance of the Administration Centre.

Photo left to right—Bruce Calvert, Marg Gaviller and Don Knight



A Fund-Raising Dinner for Conservation

The Grey Sauble Conservation Foundation "Celebration for Conservation" dinner and entertainment fund-raising event was a great success. The event was held on Friday September 27 at the Bayshore Community Centre in Owen Sound with over 180 people in attendance. The evening highlights included a fabulous silent and live auction event, raffles, live jazz music with the Peter Rissi Trio, dinner and plenty of laughs with comedian Johnny Gardhouse. The evening event raised just over \$12,000.00 to benefit our local conservation work. The Foundation would like to thank the many volunteers, community sponsors and dinner attendees for helping make this event a true "Celebration for Conservation." The biennial "Celebration for Conservation" event will take place next in 2015; we hope to see you there.

Photo - Foundation Director, Don Sankey showing one of the many donated items to the event.



Drinking Water Source Protection means protecting local drinking water sources from both contamination and overuse. Protecting the sources of our drinking water ensures that there is enough clean water for all of us. Good, clean water is something we all need; it is critical to our lives.

Source Protection Plan

www.waterprotection.ca

The Proposed Source Protection Plan was submitted to the Ministry of the Environment (MOE) on August 8, 2012. Ministry comments on the submitted Plan were expected in 2013 but are now anticipated in March of 2014.

Municipal Implementation Guide

A Municipal Implementation Guide is currently being developed to assist municipalities with implementation. This guide is a collaborative effort between various Source Protection Regions, Conservation Ontario, the Ministry of the Environment, and some Regional Municipalities. The guide contains a variety of modules, which will each deal with different aspects of implementation. Municipalities can access the modules at www.waterprotection.ca.

Provincial Grants for Source Protection Plan Implementation Work

In November of 2013 it was announced that local municipalities and counties would be eligible to receive grants ranging from \$18,000 to \$100,000 with an additional incentive of \$15,000 available to municipalities that work together to implement source protection plans. The grants are from the Source Protection Municipal Implementation Fund administered by the Ontario Ministry of the Environment. In total the area municipalities are eligible to receive \$1,518,357 to assist with source water protection planning work that will protect local municipal drinking water sources.

"These funds will be very useful in getting necessary source protection plan implementation work done at the municipal and county levels," said Mike Traynor, Chair of the Source Protection Committee. "With the help of our many partners on local Source Protection Committees, we are completing source-to-tap drinking water protection," said Honourable Jim Bradley, Minister of the Environment. The Ontario government is providing a total of \$13.5 million in grants to 189 municipalities across the province over three years.

Ontario Drinking Water Stewardship Program - Early Response

The Early Response Program was launched in 2011 and continued through 2013. The program was offered to local landowners so that they could complete projects to reduce threats to municipal drinking water. A total of \$406,700 in grants was distributed locally. The types of projects completed were septic system upgrades and sewer connections, agricultural source material storage and facilities, well upgrades, livestock grazing improvements, and fuel and chemical storage.



New agricultural source material storage building that received funding in 2013.

Technical Work - IPZ-3 Work, Threats Verification, Water Quantity Assessment

Technical work continued in 2013 and will be incorporated into updates of the Assessment Report and Proposed Source Protection Plan in 2014:

- Spill scenario modelling, such as fuel, to determine if the contaminant could be a significant drinking water treat. Activities near each of the eight municipal water intakes on Lake Huron and Georgian Bay in our region are being studied;
- Completion of the water quantity assessment work for the Hanover – Lake Rosalind sub-watershed. The Tier III water budget work will assess whether the area is under significant stress; and
- Refine the current threat count for significant drinking water threats identified in the Assessment Reports across the Source Protection Region.

2013 Source Protection Committee

Mike Traynor, Chairman

Kathie Hughes, Mitch Twolan, Les Nichols, Ken Furlong, Bill Twaddle, Dr. David Biesenthal, Robert Emerson, Brent Lanktree, Carolyn Parker, Mark Kraemer, Dale Thompson, Les MacKinnon, Lou D'Alessandro, Bruce Davidson, Carolyn Day



2014 at a Glance

Earth Day & Arbour Day
 April 22, 2014 April 26, 2014



Remember a loved one **Memorial Forest**

Plant a tree as a living memory of a loved one. A tree costs \$50 and is planted at one of three memorial forests near either Wiarton, 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

You can still **BOOK NOW** for **YOUR Spring 2014 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. Grey Bruce Forestry Service Tree Planting Program

- available for smaller planting projects



Questions about our programs,
 please call at 519 376-3076 ext 224 or
 e-mail k.mckee@greysauble.on.ca
www.greysauble.on.ca

Annual Tree Seedling Sale

Please note date change **Saturday, May 3rd, 2014**
8:00 am - 12:00 noon

Species Available

white birch, black cherry, black locust, sugar maple, red maple, silver maple, red oak, white oak, hybrid poplar, black walnut, hackberry, 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, red elderberry and apple, cherry & pear trees

New this year - upland or lowland, meadow or woodland flowers

Prices Range \$1.00 - \$40.00
Cash, Debit, Visa, Mastercard

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

Small Quantity of Landscape Trees Available

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



Refreshments & BBQ lunch fundraiser by
Grey Sauble Conservation Foundation



Young Naturalists Club

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 2014 Great Outdoors Adventure Summer Day Camp

Join us in an Outdoor Adventure!



Beginning June 30 to
 August 22, 2014

Bus Trips, Crayfish Hunting, Games,
 Crafts, Hiking,
 Swimming, and more!

Cost: \$24.00 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 One day only at Inglis Falls Conservation Area Saturday, May 31st, 2014

A Free Family Event

Please wear appropriate footwear for hiking.
 Meet Grey Sauble Staff at the Inglis Falls Pavilion

Inglis Falls Conservation Area is part of Owen Sound
 Doors Open on Saturday, May 31 and Sunday, June 1st

