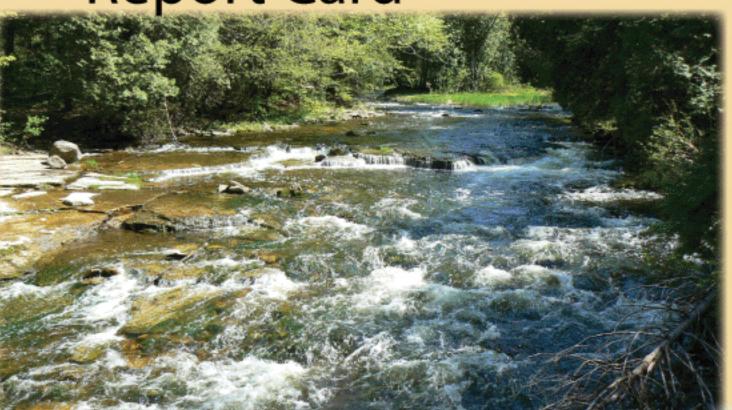
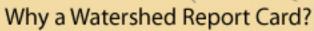
**Grey Sauble Conservation** 

## Watershed Report Card





Grey Sauble Conservation

As part of our mandate, Grey Sauble has established programs to "further the conservation, restoration, development and management of renewable natural resources".

This Report Card is a simple tool to evaluate the health of our major watersheds: Sauble River, Pottawatomi River, Sydenham River, Bighead River, Beaver River, as well as other smaller watersheds and subwatersheds.

It is important for our residents to understand factors that impact the health of our streams and to assist Grey Sauble in furthering the mandate of managing and enhancing healthy

## What is a Watershed?

A watershed is an area of land drained by a single watercourse. It consists of spring fed streams that drain into a river, emptying into a large body of water.

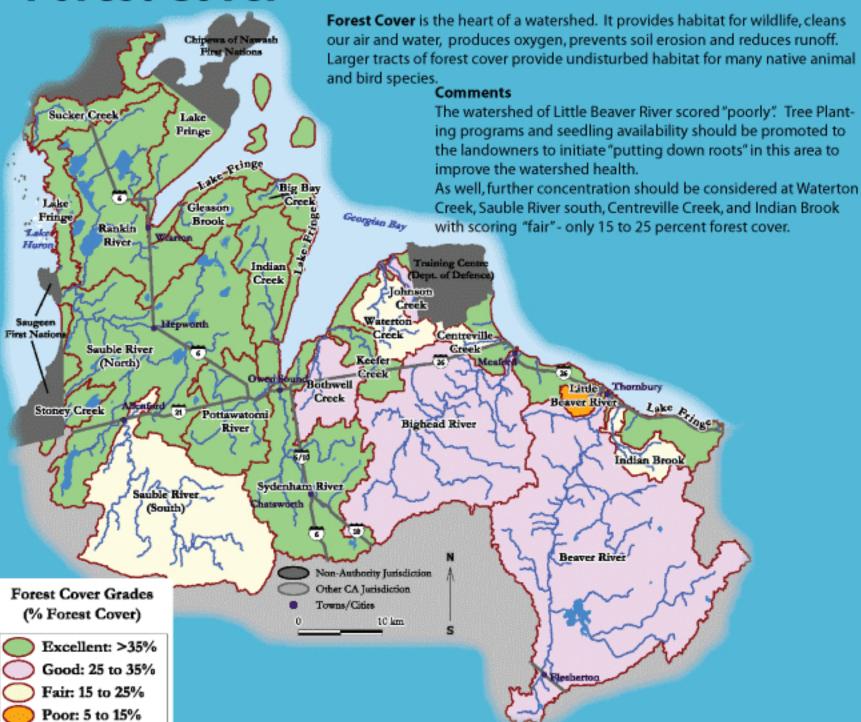
Grey Sauble's jurisdiction is a very unique, diverse area consisting of different types of topography: agricultural lands, wetlands, sinkholes, rolling valleys, sand beaches and the Niagara Escarpment. It encompasses all or parts of eight municipalities in Grey and Bruce Counties, covering 3,146 square kilometres of land and 155 kilometres of shoreline along Lake Huron and Georgian Bay.

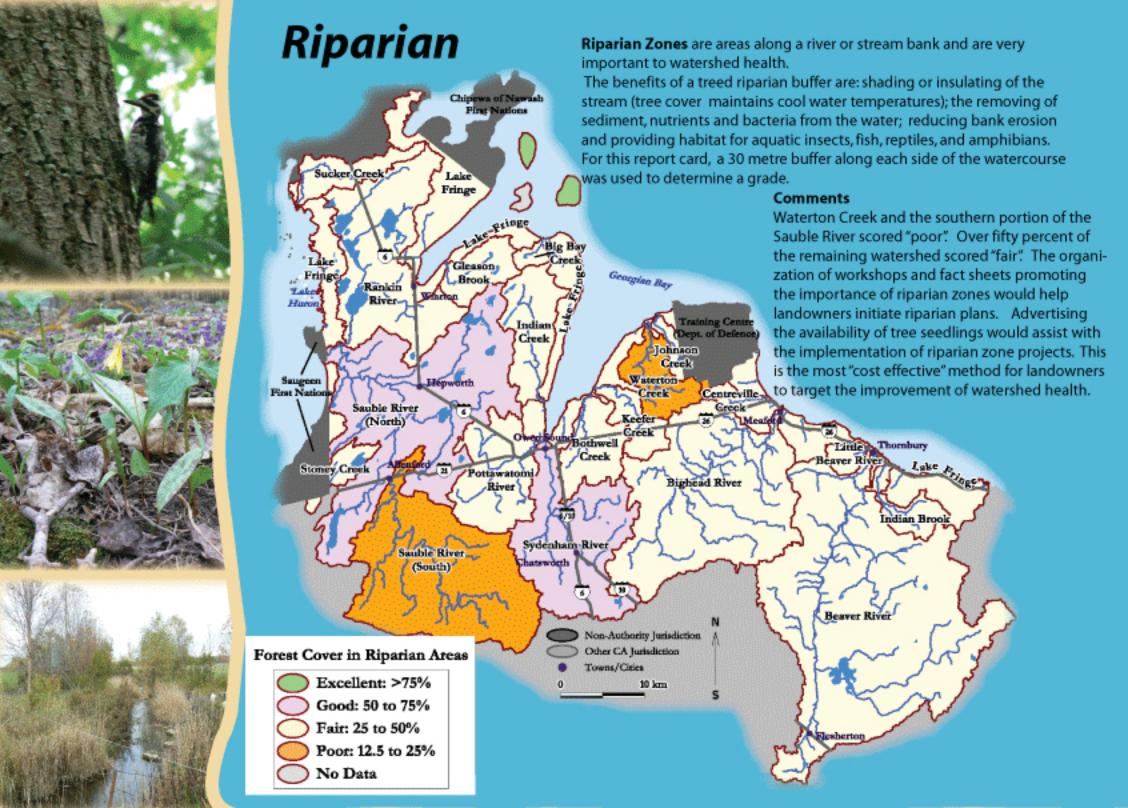






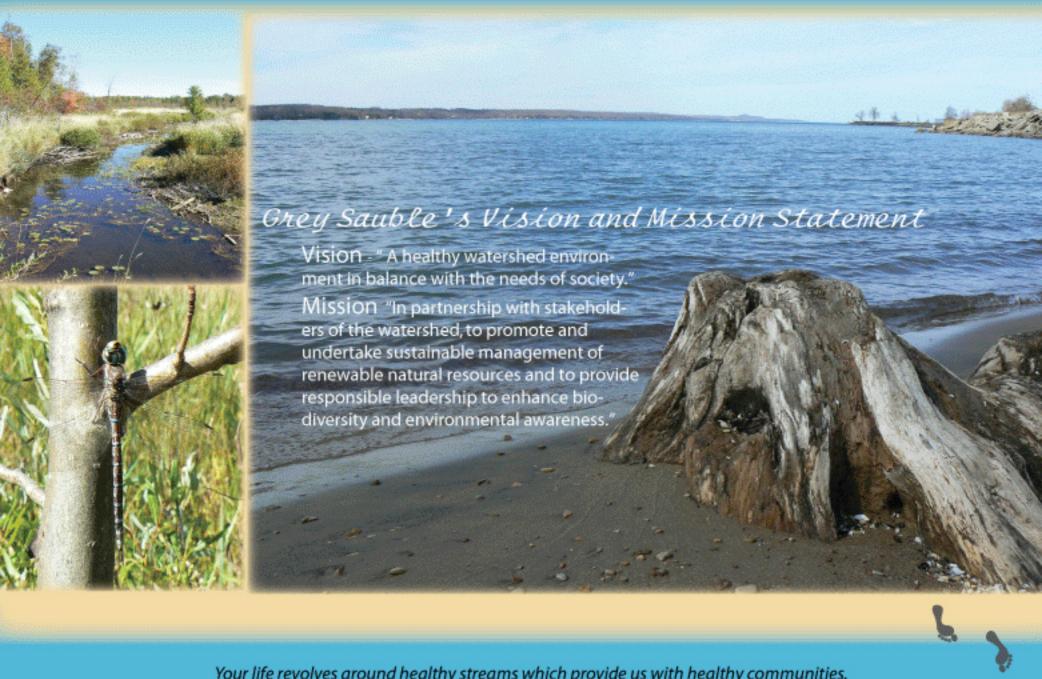
## Forest Cover





Chemistry Water Chemistry looks at elements in the water that affect all types of aquatic species and vegetation. Reporting on "Total Phosphorus" is one of the simplest and most common methods of tracking water quality. Phosphorus is an essential nutrient for plant and animal life and part of the cycle of decomposition Sucker Creek and photosynthesis. It is also found in fertilizers, pesticides, wastewater, agri-Lake Fringe cultural and urban runoff, and detergents. Extremely high levels of phosphorus can be seen when excessive amounts of algae appear resulting in plants decomposing and then producing a lack of oxygen in the water. Comments Gleason Fringe Georgian Bay Brook Many of the small subwatersheds, have no data. Rankin Efforts should be made to expand the sampling Huron network to provide a better picture of water raining Center Indian Dept. of Defence) quality throughout our watersheds. Sauble Creek Johnson River south requires further examination to Creek determine contributing factors to a "fair" score. Saugeen First Nation Creek Centreville Sauble River Little Thornbury Beaver River Lake Pringe Stoney Creek Pottawatomi Bigbead River Indian Brook Sydenham River auble River (South) Beaver River Non-Authority Jurisdiction Chemistry Scores Other CA Jurisdiction Towns/Cities Excellent PWQMN Stations Good 10 km Fair No Data





Your life revolves around healthy streams which provide us with healthy communities. It is important for the community to understand the health of our watersheds.

## What can YOU do to HELP our WATERSHEDS?

- Protect and enhance riparian areas
  - naturalize your water's edge, create a buffer by planting native plants, and trees
- Conserve Water
  - don't run the water tap for a cold glass of water instead, have a water pitcher in the refrigerator
  - fix the dripping tap or leaking garden hose
  - turn the tap off when you brush your teeth
- Ensure your septic system is working properly
- Use phosphate free soaps
- Plant trees it helps fight the carbon debt and helps cool the earth
- Don't dump fill along the water's edge

- Reduce or eliminate the use of chemicals and cosmetic pesticides
- Recreation Activities on our waterways should be clean
  - have your boat motor checked for leaks
- Farm Management
  - Fence livestock out of streams
  - Do not plow to water's edge creating possible sediment runoff into our waterways
  - Do not spread manure too close to our waterways, always leave a buffer area
- Well Head Protection
  - Is there a buffer zone around your well casing?
  - Is the well casing at the proper height above the ground to eliminate surface water contamination?