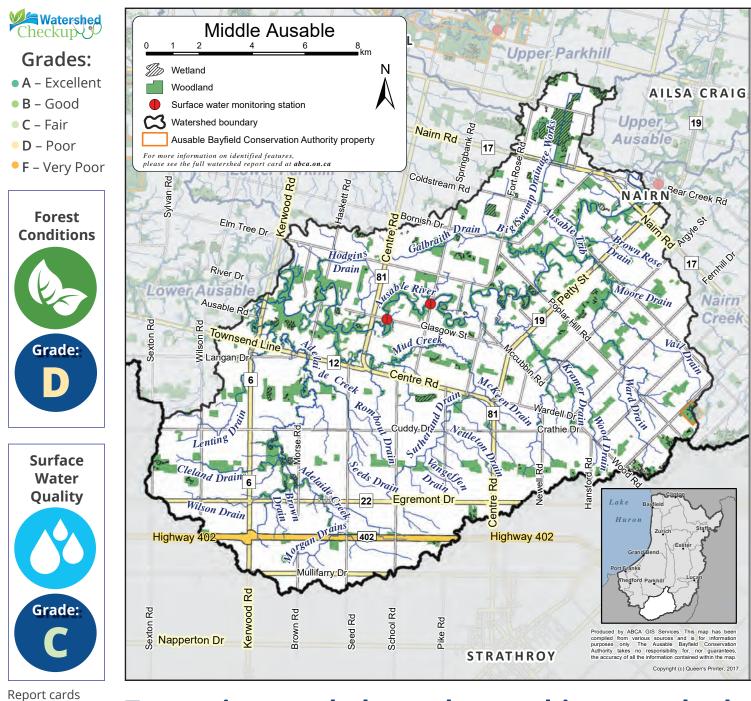
Middle Ausable Watershed Report Card 2018



Top action needed to enhance this watershed:

• Plant cover crops, rotate crops, and maintain crop residue on agricultural lands to reduce field erosion.

Visit back page for more actions.



give residents information to protect and enhance watershed resources.

Report card standards were developed for consistent reporting across Ontario.

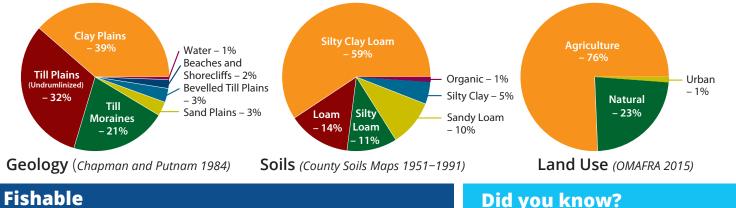
Watershed Features



Area: 231 km²

Municipalities: Adelaide Metcalfe, North Middlesex, Middlesex Centre

Geology, soil type, and land use help explain surface water and groundwater quality and forest conditions.*



Fishable

- There are warmwater fish in the main channel with Smallmouth Bass and Walleye.
- Fish:
- There are baitfish in the tributaries.
- Potential habitat for fish species at risk.
- Species ٠ One mammal; three birds; four reptiles; and six at Risk: mussels.*

Swimmable at Local Lake Huron Beaches



- To reduce the risk of illness, refrain from swimming for 48 hours after heavy rainfall, especially when you can't see your feet in waist-deep water.
- Water quality at public beaches is monitored from June to Labour Day.
- Find results from your local public health unit and theswimguide.org

Drinkable

Municipal Drinking Water Sources

- Lake Huron (surface water) is the source of raw water for municipal drinking water for many local towns.
- Groundwater from wells is the municipal drinking water source in Brucefield, Clinton, Seaforth, Zurich, and Varna.
- Learn about your municipal well or intake at this link: • sourcewaterinfo.on.ca

Private Wells

- Test your well water in spring and autumn.
- Visit ogwa.ca/Well-Wise-Testing for well protection tips.

Groundwater Conditions

Popular with anglers,

Walleye (also known as

Pickerel) have specialized

eyes like cats. A reflective layer allows

rough water conditions, giving them

them to see well in low-light and

an advantage over their prey.

- A provincial monitoring well does not exist in this watershed, but groundwater may be similar to wells near Arkona, Parkhill, and Shipka. Nitrate concentrations are better than the drinking water standard at these provincial monitoring wells, but chloride concentrations are not as good and approach the guideline at the shallow monitoring wells near Arkona and Parkhill.
- Your well water quality may differ from that of provincial monitoring wells.

* Go to abca.ca for the complete Watershed Report Card to learn more.

Middle Ausable Watershed

Watershed Grades



Forest Conditions



Grade:

	Description	Result		2017 Grade	
Indicator		2012	2017	Middle Ausable	Entire ABCA
Forest cover	 Forest cover is a percentage of a watershed that is forested. An <i>A</i> grade is forest covering more than 35% of a watershed. 	13.6%	13.6%	D	D (14.2%)
Forest interior	 Forest interior is the percentage of a watershed with forest cover that is at least 100 metres from the forest's edge. Some birds need this area to nest and breed. An <i>A</i> grade is forest interior covering more than 11.5%. 	1.9%	1.9%	F	D (3.3%)
Streamside cover	 Streamside cover is the percentage of the 30-metre area on both sides of open streams that is forested. An <i>A</i> grade is forest covering more than 57.5% of this streamside area. 	43.2%	42.7%	В	C (32.6%)

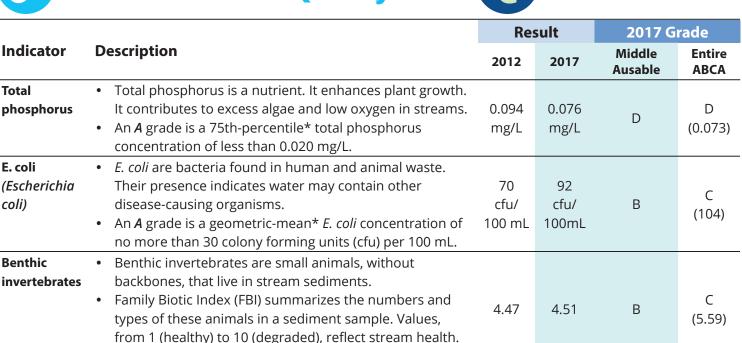


Overwinter Vegetative Cover on Agricultural Lands

- Agriculture comprises 76 per cent of the land use in this watershed.
- A minimum of 30 per cent of overwinter vegetative cover on agricultural lands might be expected if fields were in a corn-soybean-wheat rotation.
- Overwinter vegetative cover on agricultural lands, in this watershed, ranged from 7 to 17 per cent in recent aerial photography.*



Surface Water Quality



An *A* grade is an average FBI value of no more than 4.25.

* The complete *Ausable Bayfield Watershed Report Card* at **abca.ca** has information on 2007 grades, definitions (such as 75th percentile and geometric mean), methods, and results.

Middle Ausable Watershed

Next Steps

How can you help?

You can:

- Reforest less agriculturally productive land and extend forests along fencerows.
- Your community can:
- Attend and participate in local events, such as the Ailsa Craig fishing derby, and Ailsa Craig Gala Days.

Local agencies can:

 Promote reintroduction of native species and other forest management practices such as prevention and control of invasive species.

Take action!

We can help you to develop an individual action plan for your property. Interested in monitoring your watershed? Call us to find out how.



AUSABLE BAYFIELD

CONSERVATION

CREATING AWARENESS | TAKING ACTION

Thumbs up!

Species at risk in the Ausable River have benefitted from partnerships between Fisheries and Oceans Canada and the Municipality of North Middlesex. The Ailsa Craig community raised awareness about local turtle species with a new sign at Ailsa Craig Community Park.

Grants

Funding may be available to help you plant trees, control erosion, and improve water quality. Call us to find out more.

Links to the Great Lakes

No matter where you live in the watershed, you are linked to the Great Lakes.

> We rely on the lake as a source of drinking water, economic activity, and recreation.

> > Your personal action can make a difference for Lake Huron.

Visit lakehuroncommunityaction.ca

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Visit **abca.ca** for the complete *Watershed Report Card* for all Ausable Bayfield watersheds. **Middle Ausable** Watershed