

Notice of Proposed Amendments

to Source Protection Plans and Assessment Reports

as per Section 34 of the Ontario Clean Water Act, 2006, and Ontario Regulation 287/07

Date of Notice: January 3, 2018 • **Written comments accepted until:** February 8, 2018

This notice advises you that the Ausable Bayfield Source Protection Authority (SPA), on behalf of the Ausable Bayfield Maitland Valley Source Protection Region (SPR), has proposed amendments to the Maitland Valley and Ausable Bayfield Source Protection Plans and Assessment Reports. These amendments include new technical work and maps to incorporate both new and revised wellhead protection areas for Benmiller, Blyth, Dungannon, Molesworth, Ripley, and Varna. A revision to two policies is also proposed. If you own property or conduct activities in these wellhead protection areas (Zones A, B, and C) these changes may affect you. Persons engaged in activities that are assessed as significant threats to drinking water sources are required to follow source protection plan policies.

Inspect and Review the Changes in Person:

You are invited to inspect and review the proposed amendments in person at one or the other of the two source protection authority offices during regular business hours at the following locations:

- Maitland Conservation, 1093 Marietta Street, Wroxeter, 519-335-3557.
- Ausable Bayfield Conservation, 71108 Morrison Line, RR 3 Exeter, 519-235-2610.

Attend Open Houses:

To learn more and to ask questions you are invited to call one of the phone numbers above, or call toll-free 1-888-286-2610, and/or to attend one or both of the following Open Houses:

Monday, Jan. 22, 2018, 3:30 p.m. to 7 p.m.,
Blyth and District Community Centre, 377 Gypsy Lane, Blyth

Tuesday, January 23, 2018, 4 p.m. to 7 p.m.
Stanley Community Centre / Stanley Complex, 38594 Mill Road, Varna

Inspect and Review the Changes on the Internet:

You are invited to inspect and review the proposed amendments, to the source protection plans and assessment reports, and the related updated portion of the *Explanatory Document*, online on the Internet at the local source protection website at this link: www.sourcewaterinfo.on.ca.

Provide Written Comments:

You may submit written comments, on proposed amendments to Maitland Valley and Ausable Bayfield source protection plans and assessment reports, by Thursday, February 8, 2018, to:

Ausable Bayfield Source Protection Authority
On behalf of Ausable Bayfield Maitland Valley Drinking Water Source Protection Region,
71108 Morrison Line, RR 3 Exeter, ON N0M 1S5

You are also invited to email your written comments to this address: info@sourcewaterinfo.on.ca

About Drinking Water Source Protection

Locally developed, provincially approved drinking water source protection plans – through the Ontario *Clean Water Act, 2006* – provide additional protection to municipal drinking water systems through the first barrier of defence, protection of drinking water at the source. This is one of several barriers (such as testing, treatment, training, distribution, and source protection) that keep your municipal drinking water safe and clean.

Assessment reports identify threats to municipal drinking water sources and locally-developed, provincially-approved source protection plans set out policies to help minimize the risks associated with those threats. The source protection plan policies protect sources of water – including groundwater and surface water such as Lake Huron – from contamination and overuse.

About Significant Drinking Water Threats

Assessment reports identify up to 21 land use activities or conditions which may, in certain locations (such as municipal wellhead protection areas) and in certain circumstances (such as relatively large quantities) pose a significant threat to municipal drinking water sources. There are 21 activities which can pose a significant threat to drinking water sources in municipal wellhead protection areas.

Examples of activities that could be significant drinking water threats include:

- The establishment, operation or maintenance of a waste disposal site.
- Septic systems, or sanitary sewer and related pipes.
- The handling, storage and application of agricultural source material (manure).
- Handling and storage of: fuel; dense non-aqueous phase liquids (DNAPLs); or organic solvents.

For the full list of the 21 prescribed activities and conditions please consult the list included in this Notice or visit this link at Ontario.ca:

<https://www.ontario.ca/laws/regulation/070287#BK3>

Prescribed Drinking Water Threats

These 21 activities could pose a significant threat to drinking water sources – in the most vulnerable areas around municipal wells in certain circumstances (such as certain quantities). They are prescribed as drinking water threats for the purpose of the definition of a drinking water threat in subsection 2 (1) of the Ontario *Clean Water Act, 2006*:

Threat Activities	Examples (<i>Not a complete list</i>)
1. The establishment, operation or maintenance of a waste disposal site within the meaning of Part V of the Environmental Protection Act.	Storage of PCBs, waste oil and other hazardous waste; landfilling of hazardous, non-hazardous, municipal or commercial waste; land application of untreated septage.
2. The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage.	Septic systems; stormwater treatment ponds, discharge of industrial effluent, sewage treatment plants and sanitary sewer systems.
3. The application of agricultural source material to land.	Manure produced by farm animals, and runoff from farm yards and manure storages, or wash water such as milking centre waste, or compost (such as mushroom compost).
4. The storage of agricultural source material.	
5. The management of agricultural source material.	
6. The application of non-agricultural source material to land.	
7. Handling and storage of non-agricultural source material.	Land application of sewage bio-solids or other similar wastes such as pulp and paper bio-solids or waste materials from food processing.
8. The application of commercial fertilizer to land.	Nitrogen and phosphorus applied or stored for farm or commercial use (such as landscaping or golf courses).
9. The handling and storage of commercial fertilizer.	
10. The application of pesticide to land.	
11. The handling and storage of pesticide.	Specific categories of pesticides including: herbicides, fungicides, or those used as a soil fumigant to control fungi, nematodes, and weeds, for farm and commercial use.
12. The application of road salt.	Road salt, pickled sand in large quantities.
13. The handling and storage of road salt.	
14. The storage of snow.	
15. The handling and storage of fuel.	Gas stations and card locks or key locks, marinas, private storage such as farms and contractor yards, and heating oil tanks for homes and businesses.
16. The handling and storage of a dense non-aqueous phase liquid (DNAPL).	DNAPLs and/or organic solvents may be found in dry-cleaning chemicals; paint and spot removers; rug cleaning fluids; varnishes; paints; lacquers; adhesives; glues; de-greasing or cleaning agents; substances used in production of dyes, polymers, plastics, textiles, and printing inks.
17. The handling and storage of an organic solvent.	
18. The management of runoff that contains chemicals used in the de-icing of aircraft.	Large airports using ethylene glycol to de-ice aircrafts.
19. An activity that takes water from an aquifer or a surface water body without returning the water taken to the same aquifer or surface water body.	Water taken from groundwater and then discharged into a lake or river. Canning factories; bottling plants.
20. An activity that reduces the recharge of an aquifer.	Increasing impervious cover of the ground, often through construction of paved areas, for example, parking lots.
21. Use of land as livestock grazing or pasturing land, an outdoor confinement area or a farm-animal yard.	Fields where livestock graze, feed lots and confinement areas outside barns.

If you have any questions, you are invited to call us at 519-235-2610 or toll-free at 1-888-286-2610; visit your local source protection website at www.sourcewaterinfo.on.ca; or send an email to info@sourcewaterinfo.on.ca