

Appendix 'F-1'

List of Prescribed Drinking Water Threats

Excerpt from Ontario Regulation 287/07 General :

1.1 (1) The following activities are prescribed as drinking water threats for the purpose of the definition of "drinking water threat" in subsection 2 (1) of the Act:

1. The establishment, operation or maintenance of a waste disposal site within the meaning of Part V of the *Environmental Protection Act*.
2. The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage.
3. The application of agricultural source material to land.
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. The handling and storage of non-agricultural source material.
8. The application of commercial fertilizer to land.
9. The handling and storage of commercial fertilizer.
10. The application of pesticide to land.
11. The handling and storage of pesticide.
12. The application of road salt.
13. The handling and storage of road salt.
14. The storage of snow.
15. The handling and storage of fuel.
16. The handling and storage of a dense non-aqueous phase liquid.
17. The handling and storage of an organic solvent.
18. The management of runoff that contains chemicals used in the de-icing of aircraft.
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.
20. An activity that reduces the recharge of an aquifer.
21. The use of land as livestock grazing or pasturing land, an outdoor confinement area or a farm-animal yard. O. Reg. 385/08, s. 3.

(2) In subsection (1),

"agricultural source material", "application", "commercial fertilizer", "livestock", "non-agricultural source material" and "outdoor confinement area" have the same meanings as in Ontario Regulation 267/03 (General) made under the *Nutrient Management Act, 2002*; ("bétail", "engrais commercial", "épandage", "matière de source agricole", "matière de source non agricole" et "zone de confinement extérieure")

"management" means, with respect to agricultural source material, the collection, handling, treatment, transportation or disposal of agricultural source material ("gestion")

"pesticide" has the same meaning as in the *Pesticides Act*; ("pesticide")

"sewage" has the same meaning as in the *Ontario Water Resources Act*. ("eaux d'égout")
O. Reg. 385/08, s. 3.

List of Local Drinking Water Threats

Drinking water threats not included in the prescribed list of drinking water threats under O. Reg. 287/07 are termed non-prescribed or local drinking water threats. The inclusion of additional threats requires approval by the Director in accordance with the Technical Rules. Section 119 of the Technical Rules (MOE, 2009) states “an activity shall be listed as a drinking water threat for a vulnerable area if,

“(1) the activity has been identified by the source protection committee as an activity that may be a drinking water threat; and

(2) information provided by the Director indicates that,

- (a) the chemical hazard rating of the activity is greater than 4; or
- (b) the pathogen hazard rating of the activity is greater than 4.”

Two local drinking water threats have been identified by the Cataraqui Source Protection Committee and approved by the Ministry.

Local Drinking Water Threats for the Cataraqui Source Protection Area include:

- the transportation of specified substances along corridors,
- water conditioning salts from water softeners.

Please refer to **Appendix ‘F-2’** and **‘F-3’** to view the approval letters and tables outlining the activity, circumstances and hazard ratings for these local drinking water threats in the CSPA.