

**Department of the Environment
Sustainable Planning Branch
Sciences and Planning Division**

**HANDOUT ON CHEMICAL STORAGE WITHIN A DESIGNATED
WELLFIELD PROTECTED AREA**

CONDITIONS/REQUIREMENTS

Definitions

Chemical Evaluation Report - A report prepared by a Registered Professional Engineer or Geoscientist prior to an exemption being issued which includes 1) an evaluation of the chemicals which are the subject of the exemption application in accordance with the Department of the Environment Chemical Assessment Process and, 2) any mitigative measures that are in-place, or are required to prevent the release of any chemicals, to limit the impact of a release, and to monitor the storage and handling of same.

Audit Report – A report prepared by a Registered Professional Engineer or Geoscientist, which indicates any mitigative measures that are in-place, or are required to prevent the release of any chemicals, to limit the impact of a release, and to monitor the storage and handling of same. Such a report may be required prior to or after the issuance of an exemption. Where necessary, the report should state that the mitigative measures that are in-place or have been adopted are acceptable.

Zone A

A. With respect to existing facilities where Schedule C chemicals are stored/used **to protect the health, safety or security of the public**, exemptions may be granted subject to the following conditions:

- The applicant shall submit an exemption application to the Minister or the Minister's municipal delegate. Prior to an exemption being issued, the applicant must submit a Chemical Evaluation Report to the Minister's municipal delegate, or, if no such person exists, the applicable Regional Water Planning Officer. This report must be completed and submitted within one year of the date of designation.
- Should an exemption be granted, the exemption holder must adopt any recommended mitigative measures outlined in the Chemical Evaluation Report.
- The exemption holder must submit an Audit Report each year that an exemption is in effect to the Minister's municipal delegate, or, if no such person exists, the applicable Regional Water Planning Officer.
- The term of an exemption is to be determined on a case-by-case basis by the issuer of the exemption.

B. With respect to existing facilities where Schedule C chemicals are stored/used for a purpose **other than to protect the health, safety or security of the public**, exemptions may be granted subject to the following condition:

- Such an exemption must expire no later than one year after the wellfield is designated with no opportunity for renewal.

C. With respect to the construction of **new** facilities that require the storage of Schedule C chemicals in quantities that exceed what is permitted by the Order, no exemptions may be issued.

Zones B and C

Schedule C chemicals with a current maximum allowable quantity of zero as prescribed by the Order

A. With respect to existing facilities where Schedule C chemicals, for which the permitted quantity is zero, are stored/used **to protect the health, safety or security of the public**, exemptions may be granted subject to the following conditions:

- The applicant shall submit an exemption application to the Minister or the Minister's municipal delegate. Prior to an exemption being issued, the applicant must submit a Chemical Evaluation Report to the Minister's municipal delegate, or, if no such person exists, the applicable Regional Water Planning Officer. This report must be completed and submitted within one year of the date of designation.
- Should an exemption be granted, the exemption holder must adopt any recommended mitigative measures outlined in the Chemical Evaluation Report.
- The exemption holder must submit an Audit Report each year that an exemption is in effect to the Minister's municipal delegate, or, if no such person exists, the applicable Regional Water Planning Officer.
- The term of an exemption is to be determined on a case-by-case basis by the issuer of the exemption.

B. With respect to existing facilities where Schedule C chemicals, for which the permitted quantity is zero, are stored/used for a purpose **other than to protect the health, safety or security of the public**, exemptions may be granted subject to the following conditions/limitations:

- The applicant shall submit an exemption application to the Minister or the Minister's municipal delegate. Prior to an exemption being issued the applicant must submit an Audit Report to the Minister's municipal delegate, or, if no such person exists, the applicable Regional Water Planning Officer. This report must be completed and submitted within one year of the date of designation.
- Should an exemption be granted, the exemption holder must adopt any recommended mitigative measures outlined in the Audit Report.
- Such an exemption must expire no later than three years after the wellfield is

designated with no opportunity for renewal.

C. With respect to the construction of **new** facilities that require the storage of Schedule C chemicals, for which the maximum allowable quantity is zero, no exemptions may be issued.

Schedule C chemicals with a current maximum allowable quantity of greater than zero as prescribed by the Order

With respect to **existing facilities and the construction of new facilities** where Schedule C chemicals, for which the permitted quantity is greater than zero, are or will be stored/used, exemptions may be granted subject to the following conditions:

- The applicant shall submit an exemption application to the Minister or the Minister's municipal delegate. Prior to an exemption being issued, the applicant must submit a Chemical Evaluation Report to the Minister's municipal delegate, or, if no such person exists, the applicable Regional Water Planning Officer. This report must be completed and submitted within one year of the date of designation.
- Should an exemption be granted, the exemption holder must adopt any recommended mitigative measures outlined in the Chemical Evaluation Report.
- The exemption holder must submit an Audit Report each year that an exemption is in effect to the Minister's municipal delegate, or, if no such person exists, the applicable Regional Water Planning Officer.
- The term of an exemption is to be determined on a case-by-case basis by the issuer of the exemption.