

Updated Version of Tier I and Tier II Screening Tables Implementation

Background:

In October 2014, Health Canada updated the Canadian Drinking Water Quality Guidelines (October 2014), which included revised guidelines for Ethylbenzene, and Xylenes. To reflect the changes, Atlantic PIRI revised its version 3 (July 2012) Tier I and II screening tables in Appendix 3 and 4. The values which have been changed are highlighted in blue. At this time, the Site Professional will be responsible for updating the Chem/Tox database in the toolkit (when carrying out Tier II SSTL calculations for soil leaching to groundwater for potable water sites) until the Toolkit has been upgraded.

This document recognizes an updated version 3 (January 2015) of the Atlantic RBCA Tier I and Tier II screening tables and clarifies the implementation procedures for use in Atlantic Canada.

Note, updated Atlantic RBCA documentation can be downloaded from www.atlanticrbca.com website or provided by Atlantic PIRI Regulators upon request. Atlantic PIRI Regulators' contact information is also available under the [Contact Us](#) link on the Atlantic RBCA Website.

Implementation Procedure:

Effective February 1, 2015, Atlantic PIRI Regulators will require Remediation and Closure Reports to utilize the **updated** version 3 screening tables (January 2015), with the exception of the following circumstances:

1. Remediation was completed using version 3 screening tables prior to February 1, 2015 but a report was not submitted to the Regulator. In these cases, remediation reports must be submitted to the Regulator on or before July 31, 2015. If not received prior to July 31, 2015 the Regulator will require a report re-evaluation using the **updated** version 3 screening tables.
2. If a Remedial Action Plan was developed, accepted by the Regulator, and implemented on or before February 1, 2015 using version 3 screening tables, Site Professionals and persons responsible may continue to utilize version 3 screening tables to complete remedial work on the site. If during remediation, site conditions change which result in a re-evaluation and assessment of the site after February 1, 2015, Site Professionals and persons responsible may utilize either version 3 screening tables or the updated version, but must evaluate the entire site using either version. However, all ongoing remediation using the version 3 screening tables must be completed and reported by January 31, 2016. Otherwise, the **updated** version 3 screening tables must be used to complete the site remediation work.
3. If site remediation is completed and accepted by the Regulator using version 3 screening tables after February 1, 2015 but requires a future re-evaluation, such re-evaluations must be completed using the **updated** version 3 screening tables. Site Professionals are required to ensure persons responsible, site owners and subsequent owners are made aware of this issue in closing documentation. An example of this situation could involve land transactions which involve reassessment of site conditions, or changes in land use.

Regulatory Directives and Orders:

Ministerial Orders, directives and other such regulatory directives issued prior to February 1, 2015 resulting in the implementation of remediation work that has not been completed shall

continue to utilize version 3 screening tables unless the Regulator and the person responsible or their Site Professional agree to utilize the **updated** version.

Ministerial Orders, directives and other such regulatory directives issued prior to February 1, 2015 that have not yet resulted in the approval or implementation of Remedial Action Plans shall utilize version 3 screening tables, unless the Regulator and the person responsible or their Site Professional agree to utilize the **updated** version.