

Release and Implementation of Updated Atlantic Risk Based Corrective Action (RBCA) for Impacted Sites in Atlantic Canada Guidance for Vapour Intrusion Assessments (May 2024)

Introduction

This document recognizes the release of the updated Atlantic RBCA for Impacted Sites in Atlantic Canada Guidance for Vapour Intrusion Assessments Version 4. The Atlantic RBCA Guidance for Vapour Intrusion Assessments Version 4 reflects recent updates to toxicological information for several parameters and includes vapour intrusion levels (VISLs) for select chlorinated solvents (CVOCs) consistent with updates to the Atlantic RBCA for Impacted Sites in Atlantic Canada User Guidance Version 4.0 (2021, updated 2022).

It is noted that the four Atlantic Provinces may independently determine how and when to apply and implement the updated document within their individual Provincial impacted site management processes, programs, and policy frameworks.

The updated Atlantic RBCA for Impacted Sites in Atlantic Canada Guidance for Vapour Intrusion Assessments can be downloaded from the Atlantic RBCA website (www.atlanticrbca.com) or provided by Atlantic PIRI Regulators upon request. Atlantic PIRI Regulators contact information is available under the “Contact Us” link on the Atlantic RBCA website (www.atlanticrbca.com).

Implementation Procedure

Check with your local regulatory jurisdiction on implementation of the updated Atlantic RBCA for Impacted Sites in Atlantic Canada Guidance for Vapour Intrusion Assessments Version 4. In the absence of specific jurisdictional approach, Atlantic PIRI recommends the following procedure:

Effective immediately, assessment, remediation, and closure reports must utilize the updated Atlantic RBCA for Impacted Sites in Atlantic Canada Guidance for Vapour Intrusion Assessments Version 4 as adopted in ministerial protocols and other relevant guidance and regulatory instruments developed by the four Atlantic Provinces) except for the following circumstances:

1. **Environmental Site Assessment was completed** using 2016, updated 2019 Atlantic RBCA Guidance for Vapour Intrusion Assessments and/or other regulatory guidelines/standards predating the release of updated Atlantic RBCA Guidance for Vapour Intrusion Assessments Version 4 (May 2024), but a report was not submitted to the Regulator. In these cases, assessment reports must be submitted to the Regulator on or before **December 31, 2024**. If not received prior to this deadline, the Regulator will require a re-evaluation using updated Atlantic RBCA Guidance for Vapour Intrusion Assessments Version 4 (May 2024), as warranted within the applicable regulatory jurisdiction.
2. **Remediation was completed** based on using 2016, updated 2019 Atlantic RBCA Guidance for Vapour Intrusion Assessments and/or other regulatory guidelines/standards predating the release of updated Atlantic RBCA Guidance for Vapour Intrusion Assessments (May 2024), but a report was not submitted to the Regulator. Similarly, in these cases, assessment reports must be submitted to the Regulator on or before **December 31, 2024**. If not received prior to this deadline, the Regulator will require a re-evaluation using updated Atlantic RBCA Guidance for Vapour Intrusion Assessments Version 4 (May 2024), as warranted within the applicable regulatory jurisdiction.

4. **Remediation is on-going** based on using 2016, updated 2019 Atlantic RBCA Guidance for Vapour Intrusion Assessments and/or other regulatory guidelines/standards predating the release of updated Atlantic RBCA Guidance for Vapour Intrusion Assessments (May 2024). Site Professionals and the Person(s) Responsible may utilize either version and/or other regulatory guidelines/standards, but ensure the site is evaluated using Atlantic RBCA Guidance for Vapour Intrusion Assessments Version 4 and remediated using only one version. Regardless, ongoing remediation must be completed and reported by **December 31, 2024**. Otherwise, updated Atlantic RBCA Guidance for Vapour Intrusion Assessments Version 4 (May 2024) must be used for site remediation, as warranted within applicable regulatory jurisdiction.