



Harmonization, Atlantic RBCA and Brownfield Redevelopment in Atlantic Canada

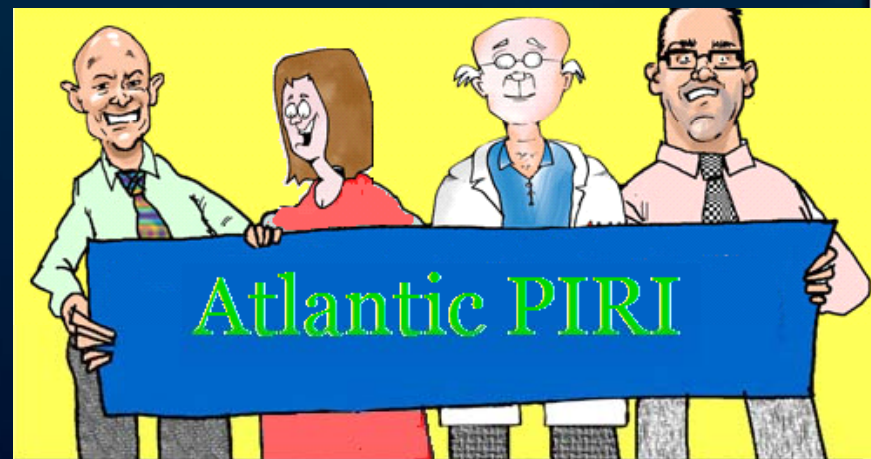
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Atlantic Partnership



- **Atlantic PIRI facilitates:** Assessment and risk management of brownfields and contaminated sites
- **We do this by:** Cooperation and information sharing between jurisdictions and collaboration with multiple stakeholders
- **Atlantic PIRI** is greater than the sum of its parts



Atlantic PIRI



Our first and foremost mandate

- to continuously improve the Atlantic Risk-Based Corrective Action (RBCA) toolkit
- to support the regulators who are responsible for implementing Atlantic RBCA

PIRI's June 08 MOU expanded our mandate

- to facilitate and catalyze removal of impediments to brownfield redevelopment in Atlantic Canada

Atlantic RBCA is a Toolkit

Atlantic RBCA is based on a science-based, risk assessment software model.

It is a convenient, user friendly spreadsheet system designed to complete risk assessment calculations for petroleum impacted sites.

The toolkit includes

- User Guidance documents,
- Provincial Management Guidelines
- Provincial programs
- Provincial regulations (in PEI)

Available online at www.atlanticrbca.com



Atlantic RBCA is Harmonized



The technical approach is harmonized

- Atlantic RBCA is adopted by all 4 provinces
- Site Professionals receive same training. Online training launched October 2008 at www.rbcatraining.com

We practice continuous improvement

- New "Eco-RBCA" screening tool
- A Harmonized Closure document for all provinces
- Version 3.0 of the Atlantic RBCA software, to harmonize with CCME 2007
- Supporting development of regulations in Nova Scotia

Atlantic RBCA is Harmonized



Harmonized Policy Features

- All provinces encourage developers to come in early
- Remediation plans can be developed with regulators
- The site specific capability of Atlantic RBCA encourages institutional and engineered controls
 - Footprints of proposed buildings can be moved to less impacted areas of the site
 - Roads and parking lots can be used to block exposure pathways

Removing Brownfield Redevelopment Impediments

What are the regulatory requirements?

- Familiarity with Atlantic RBCA breeds not contempt, but acceptance
- Atlantic RBCA provides flexibility in defining "Project Completion"
- Atlantic RBCA maximizes the reuse potential of the brownfields - avoids remediation strategy extremes



Removing Brownfield Redevelopment Impediments

- Atlantic RBCA enables concurrent remediation and redevelopment
- Facilitates early re-use and sale



This site is undergoing simultaneous remediation and redevelopment.



Removing Brownfield Redevelopment Impediments



How long does it take for review and approval?

- File turn-around is *fast* - 2 to 4 weeks for Ministerial acknowledgement
 - Can be shortened to 48 hours
 - Regulators are involved from the beginning, and are "up to speed" at all times
- Faster Turn-around = Faster ROI

As regulators, we are the interface between the science, the policies and private interests



Success of Atlantic RBCA



- Over 3,000 file closures, 425 in 2007
 - Many were brownfields
 - About 10 times more per year than prior to Atlantic RBCA
- A single re-opener in 2007 was re-closed within 2 weeks



Atlantic Brownfield Initiative



We facilitate and catalyze removal of impediments to brownfield redevelopment

- We recognize that brownfields are not just an environmental issue
 - Social and economic benefits
- In 2008, we have invited “Policy people” to join the Atlantic PIRI table
- We are currently planning outreach to engage economic development organizations