

# Atlantic PIRI and RBCA

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# What and who is Atlantic PIRI ?

A **partnership** between regulators, industry representatives, regional consultants and corresponding members working to;

- Develop, implement and *continuously improve* common technical tools to support impacted site remediation programs in Atlantic Canada for major sectors (Atlantic RBCA)
- Collaborate and promote sustainable remediation of impacted sites and brownfield re-development through harmonization of flexible technical tools, criteria, training and communication with *each other* and with stakeholders



# Atlantic PIRI- The background

- A partnership un-paralleled and unique in Canada. Since 1997, Atlantic PIRI- RBCA has facilitated over 6,400 regulatory file closures *across Atlantic Canada*
- Operates under a Memorandum of Understanding between the Atlantic provinces
- Underpinned by a common set of science based criteria, model and partnership that allows for sharing perspectives, expertise and resources within Atlantic Canada



# Atlantic PIRI- The foundation and core

*Atlantic Risk Based Corrective Action (RBCA) customized software toolkit, model and guidance, that;*

- *Generates common standards for assessment and remediation for hydrocarbons across Atlantic Canada*
- *Allows for site specific (sustainable) approaches and choices for remediation across Atlantic Canada -Not a one size fit all approach*
- *Allows properties fit for use, or repurposed, with a common endpoint of health/environment protection using a suite of science based options*





# Atlantic PIRI- Today

## Current Structure of PIRI (with a variety of tasks)

### 3 Working Groups:

1. Harmonization- Analyzes issues commonly identified and prioritized
2. Technical- maintains and enhances technical tools, advancements in science
3. Stakeholder- communication, outreach activities



# Atlantic PIRI- Today and going *forward*

## Current work:

- *Stakeholder*- Modernizing website
  - *Harmonization*- Analysing issues to consider in making information more publicly accessible for impacted sites
  - Collecting data for a regional socio-economic-environmental benefits analysis
  - *Technical*- Reviewing/finalizing petroleum hydrocarbon soil vapour guidance and finalizing *\*chlorinated solvents guidance for PIRI development of harmonized standards for these compounds at impacted sites*
- \* This is an evolution for PIRI *beyond* petroleum



# Atlantic PIRI- Today and going *forward*

Finalizing a 5 year strategic plan (2015 - 2020)  
which aims to;

- Lead harmonized regulatory and site specific approaches to impacted site management
- Build and continue to evolve PIRI to the forefront by continued and enhanced engagement of key stakeholders as the industry changes, while staying true to our core competencies





# *Provincial Updates*



[www.atlanticrbca.com](http://www.atlanticrbca.com)

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# New Brunswick

- Implement the Comprehensive Plan for Brownfield Redevelopment.
- 2012 - Consulted 42 targeted stakeholders including member associations.
- 2013 - 14, reviewing Contaminated Sites Remediation regulatory proposal.



# Prince Edward Island

- Environmental Protection Act Petroleum Hydrocarbon Remediation Regulations.
- April 2013, regulatory amendments made to reflect Atlantic RBCA Version 3 screening levels.



# Newfoundland and Labrador

- January 2014, updated impacted sites management guidance.
- (New) publicly available list of Environmental Consulting Firms With Approved Site Professionals
- Additional updates of related policy documents are planned.



# Nova Scotia

- July 2013, implemented new Contaminated Sites Regulation.
- Regulations address key brownfield barrier related regulatory liability.
- Continue to monitor and evaluate implementation of the regulations.

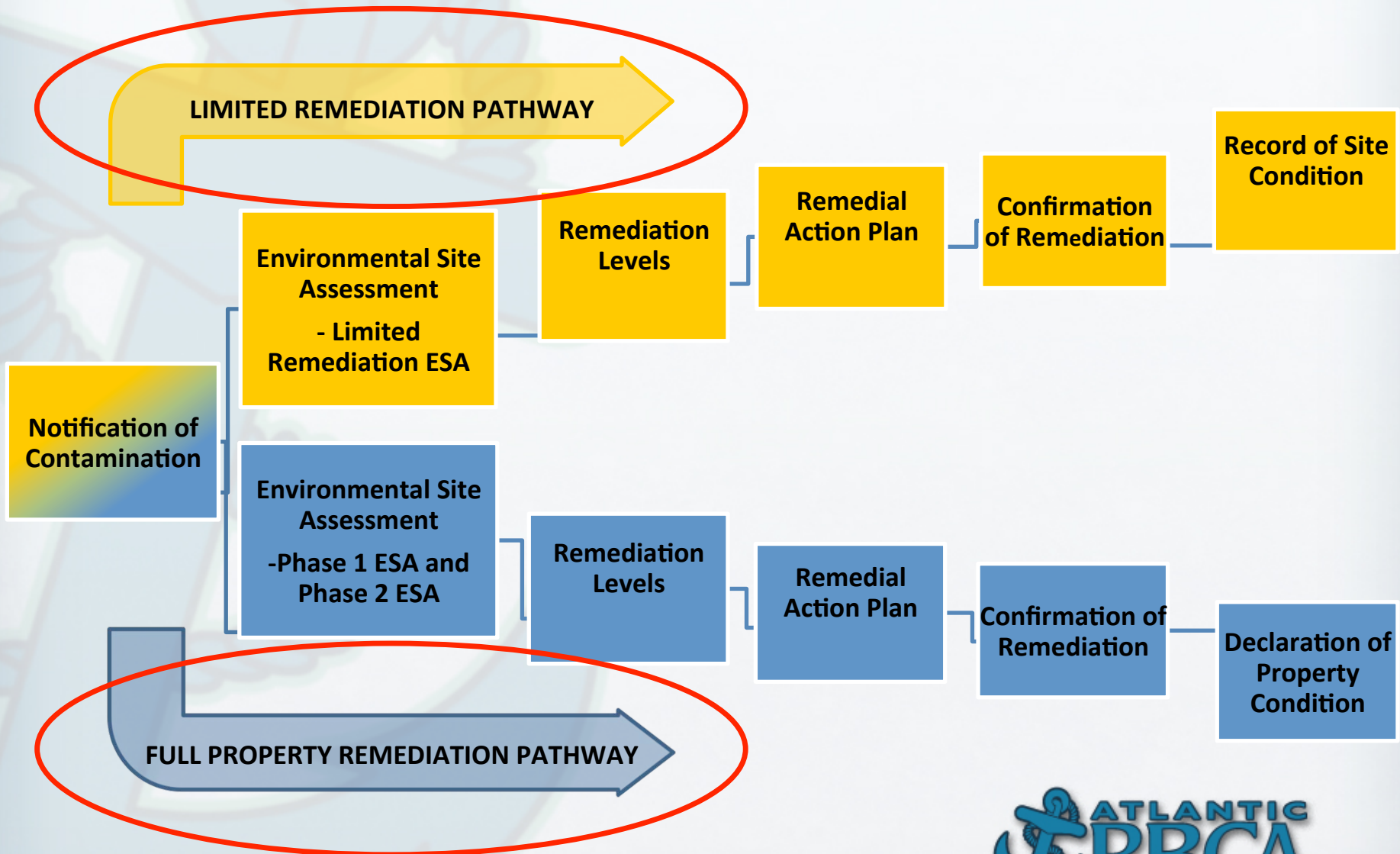




# The NS Regulations outline

- Specific responsibilities for persons involved
- Site Professional qualifications and expectations
- Timeframes for assessment and remediation
- Comprehensive tables of compiled numerical Tier 1 Tier 2 pathway specific environmental criteria for Nova Scotia
- Allowable remediation level approaches include:
  - Generic Tier 1 Environmental Quality Standards (EQS)
  - Tier 2 Pathway Specific Standards (PSS)
  - Risk-modelled Site Specific Risk Assessment (SSRA)
  - Exposure management measures

# Nova Scotia- Regulations



# For more information



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Atlantic RBCA  
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[www.atlanticrbca.com](http://www.atlanticrbca.com)



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