

UPDATE ON THE LAND REMEDIATION SECTION AND THE BC CONTAMINATED SITES REGULATORY REGIME

BC EIA BEST CONFERENCE

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Ministry of
Environment and
Climate Change Strategy

STAGE 10/11 IMPLEMENTATION

- Amendments to Contaminated Sites Regulation
 - November 1, 2017 effective date
- Webinar series
- Over 30 updated protocols & guidance documents
- Since November 1
 - ~ 120 applications to the ministry
 - ~ 210 instruments issued
- Additional guidance to be posted
- Technical projects

CHANGES IN THE PAST YEAR

- Standards update
- New and revised guidance documents
- Election
- New government
- Land Remediation HQ move
- Change in leadership
- Staffing changes

WHAT NOW?

- Prioritizing work to align with government priorities
 - Work planning for fiscal 2018/19
 - Allocating resources to priority projects
- Work Priorities
 - Advancement on key high risk sites
 - Technical projects
 - Legislative initiatives
 - Regulatory amendments
 - Operational projects

HIGH RISK SITE ADVANCEMENT



Status



Short-term
Action



Long-term
Action



TECHNICAL PROJECTS

Leachate Verification

- Tests approved leachate methods and compare against groundwater concentrations below source zones at field sites



Background Metals Concentrations in Groundwater

- Establish a procedure for determining the local background concentration of a substance + develop a database

LEGISLATIVE PROJECTS

- Site Identification
 - Discussion Paper 2014, Intentions Paper 2016
 - Working Group 2017
 - Advancing Request for Legislative Amendment 2018
 - 3 documents to be posted for comment
 - Schedule 1, Schedule 2, policy statement
- Soil Relocation
 - Discussion Paper 2014, Intentions Paper 2016
 - Technical Working Groups 2017
 - Final Intentions Paper 2018



REGULATORY PROJECTS

- Site Identification
 - Changes to the Contaminated Sites Regulation as a result of proposed changes to the *Environmental Management Act*
- Stage 12 Amendment
 - Much much smaller than Stage 10 & 11
 - Errata to Stage 11
 - Correcting Schedule 1.1
 - Consultation planned for Summer 2018

OPERATIONAL PROJECTS



- Response to Professional Reliance Review
- Business Improvement Project
- Enhancements to information management
- Professional Development
- Biennial Report(s)

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- Possible policy projects
 - Possible guidance updates

PLEASE SUBSCRIBE TO CSeLINK FOR UPDATES ON SITE REMEDIATION IN BC

The screenshot shows the British Columbia government website. At the top, there is a search bar and a navigation menu with links for 'Careers & MyHR', 'Services A-Z', 'Organizations A-Z', 'Forms A-Z', 'News', and 'Contact Us'. Below this is a secondary navigation bar with categories like 'Climate Change', 'Pesticides & Pest Management', 'Plants, Animals & Ecosystems', 'Waste Management', 'Air, Land & Water', 'Research, Monitoring & Reporting', and 'Natural Resource Stewardship'. The 'Air, Land & Water' category is selected, leading to a sub-menu with 'Spills & Environmental Emergencies', 'Site Remediation', 'Air', 'Water', 'Land', and 'Permitting & Compliance at Sites of Interest'. The 'Site Remediation' page is displayed, featuring a breadcrumb trail: 'Home / Environmental Protection & Sustainability / Air, Land & Water /'. On the left, a sidebar menu lists various site remediation topics. The main content area is titled 'Site Remediation' and includes an introductory paragraph, a list of environmental impacts, a paragraph about the concern of contaminated sites, and a list of links for further information. On the right, there are two sections: 'Contamination on Crown Land' and 'Site Remediation Mailing Lists'. The 'Site Remediation Mailing Lists' section contains a link to 'Subscribe to Contaminated Sites' and a link to 'View previous CS e-link Messages', both of which are circled in red. Below this is a 'Related Links' section with a share icon.

BRITISH COLUMBIA

Enter a keyword or phrase to search

MENU

Careers & MyHR | Services A-Z | Organizations A-Z | Forms A-Z | News | Contact Us

Climate Change | Pesticides & Pest Management | Plants, Animals & Ecosystems | Waste Management | **Air, Land & Water** | Research, Monitoring & Reporting | Natural Resource Stewardship

Spills & Environmental Emergencies | **Site Remediation** | Air | Water | Land | Permitting & Compliance at Sites of Interest

Home / Environmental Protection & Sustainability / Air, Land & Water /

Contaminated Sites
Brownfields
Remediation Project Profiles
Approved Professionals
Contaminant Migration
Remediation Liability
Residential Heating Oil Storage Tanks
Site Profiles
Contaminated Sites Services
Guidance & Resources
Laws, Regulations & Compliance
Contact Us

Site Remediation

Identifying and cleaning up contaminated sites helps minimize negative impacts to human health and the environment. Collaboration with land owners, communities, public organizations and other stakeholders ensures that development opportunities are supported while protecting the health and beauty of our province.

Contaminated sites are a concern because they can pose a threat to human health, the environment and safety. The effects of contaminants on humans can range from minor physical symptoms to life-threatening diseases such as cancer. Environmental hazards can include:

- Harm to fish, animals and birds
- Accumulation in the food web
- Causing imbalance to ecological functions or systems

In B.C., a site is contaminated if its land, water and/or sediment are unsuitable for particular uses. That means it's an area that has a waste contaminating the soil, groundwater or sediment in an amount or concentration that exceeds environmental quality standards.

- [Contaminated sites in B.C.](#)
- [Site cleanup](#)
- [Governance](#)
- [Guidance and resources](#)
- [Current requests for comments](#)

Contamination on Crown Land

The Crown Land Restoration Branch manages high-risk contaminated sites on provincial lands by:

- Providing site management policies
- Maintaining records of Crown Land contaminated sites
- Facilitating progress reporting

Site Remediation Mailing Lists

- [Subscribe to Contaminated Sites](#)
- [View previous CS e-link Messages](#)

Related Links

QUESTIONS?

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