

KEY PROJECT UPDATES

Valentina Yetskalo

Manager, Site Identification

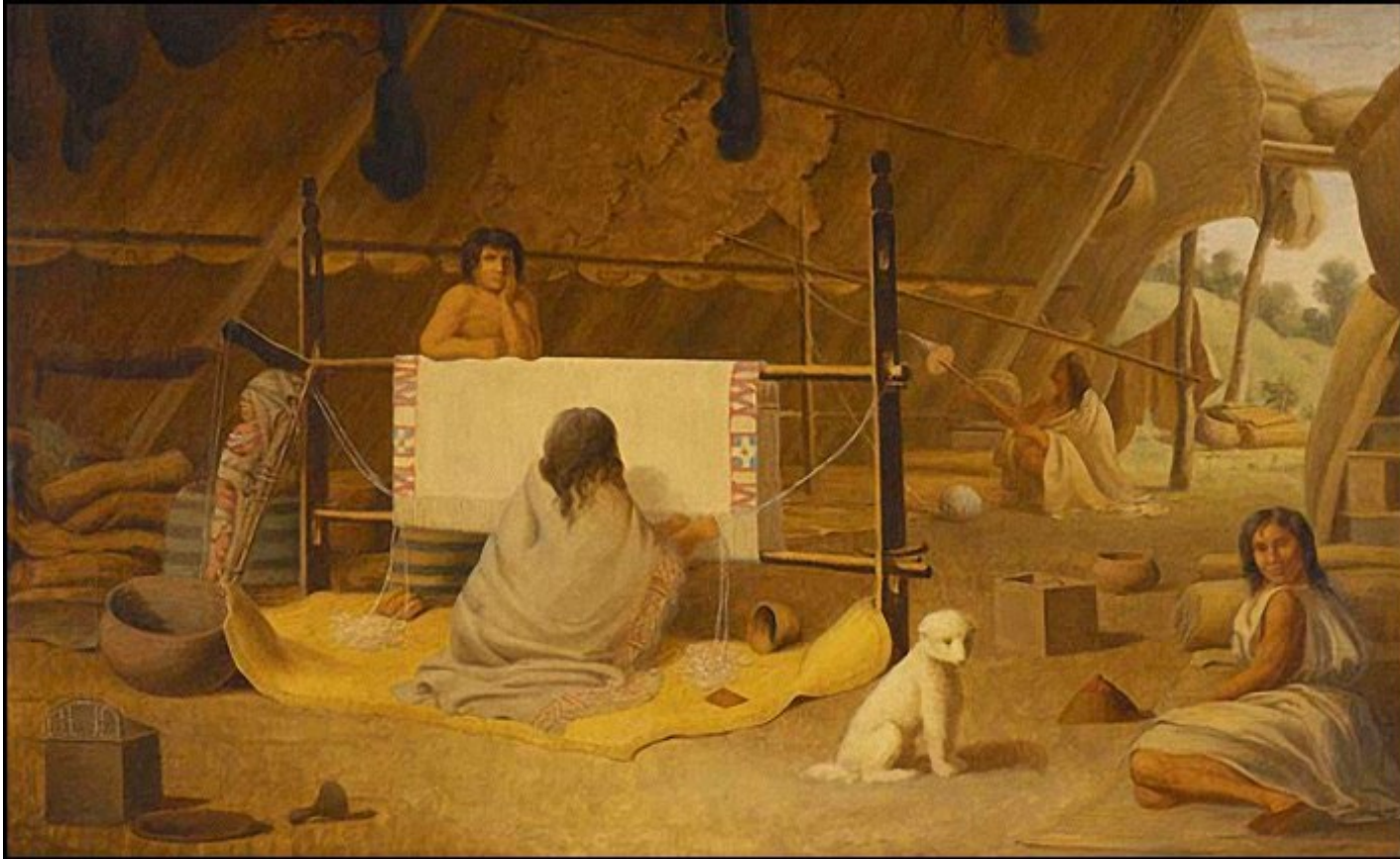
CSAP PD Workshop

June 9, 2022



Ministry of
Environment and
Climate Change Strategy

TERRITORIAL ACKNOWLEDGEMENT



PRESENTATION OUTLINE



1. Bill 3/S14 amendments



2. Consequential amendments



3. Bill 3/S14 implementation



4. Making CS climate ready



5. Digital transformation

STAGE 14 AMENDMENTS

Bill 3 received Royal Assent on March 5, 2020

Stage 14 amendments to the CSR approved on June 1, 2022

EMA and CSR amendments come into force on March 1, 2023

CONSEQUENTIAL AMENDMENTS TO WDR AND APR

- Waste Discharge Regulation - amended the definition of contaminated sites contaminant management
- Administrative Penalties (Environmental Management Act) Regulation – amended to add penalties for soil relocation



CONSEQUENTIAL CHANGES



Protocols



Guidance documents



Forms



Webpages

IMPLEMENTATION OF S14 AMENDMENTS



Finalization of SRIS, subscription service and notification forms



Development of policy and procedures for management of notifications and supporting information received

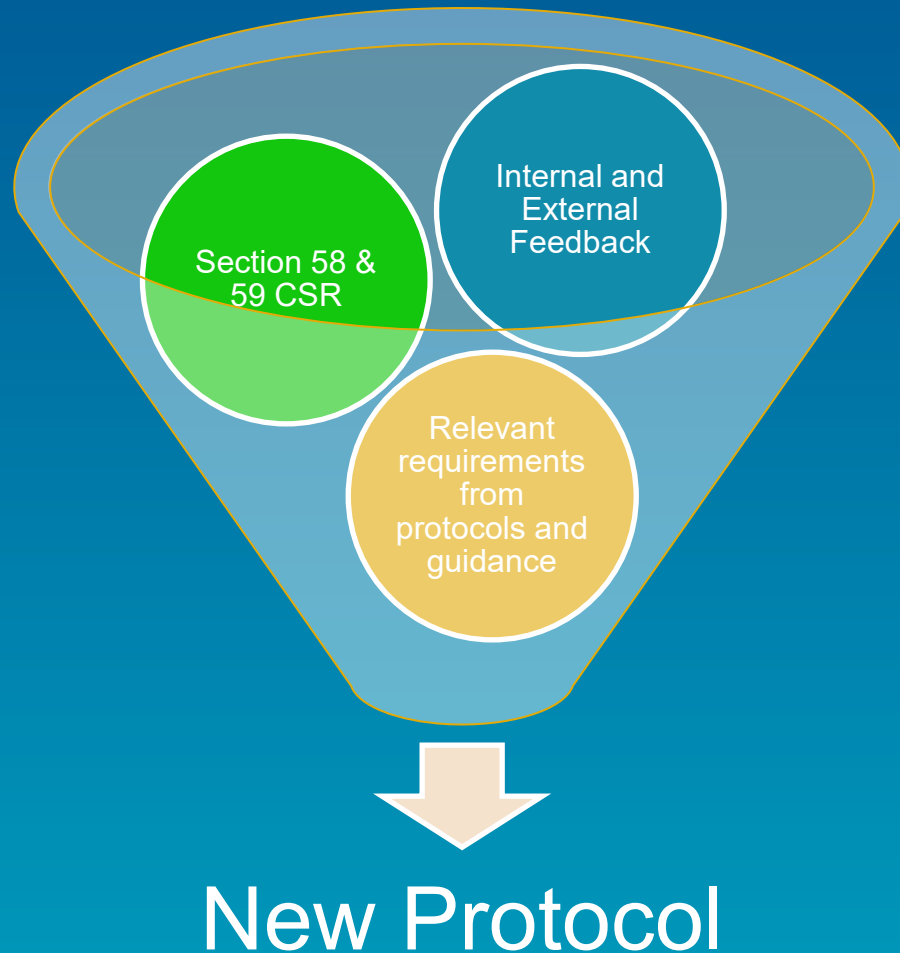


Development policy and procedures for compliance promotion, verification and enforcement

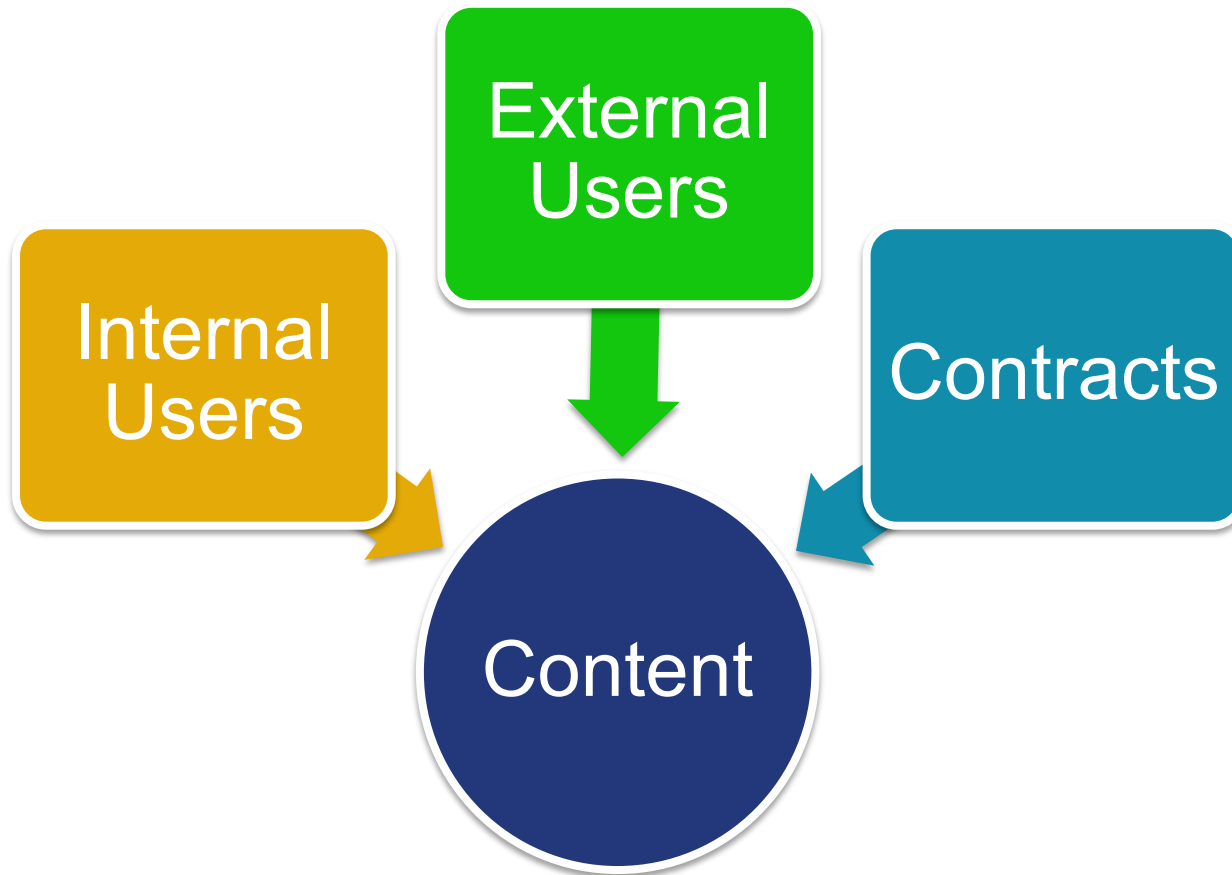


Development and delivery of internal and external communication and training

SITE INVESTIGATION PROTOCOL



SITE INVESTIGATION PROTOCOL DEVELOPMENT



DISCUSSION PAPER: MAKING CONTAMINATED SITES CLIMATE READY

1

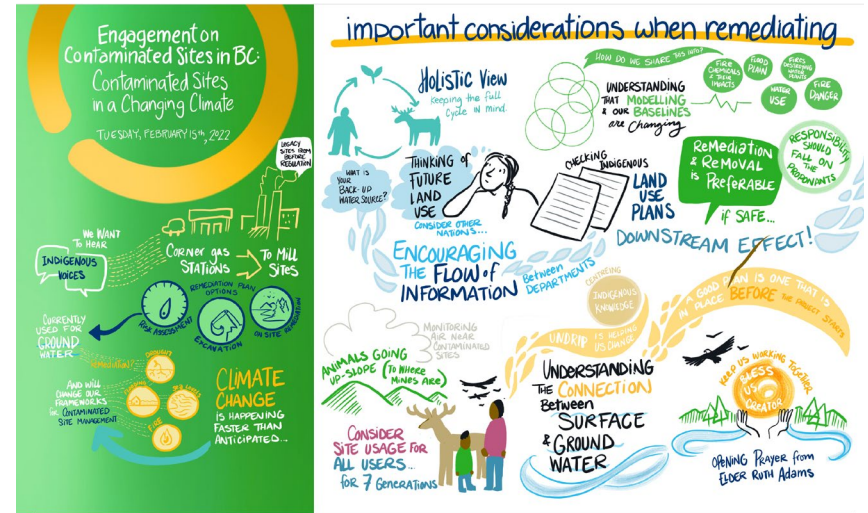
Incorporating climate change adaptation into B.C.'s contaminated sites framework

2

Introducing remediation requirements to protect groundwater quality

DISCUSSION PAPER: MAKING CONTAMINATED SITES CLIMATE READY

- Jurisdictional scans
- Engaging with Indigenous Peoples
- Paper considers:
 - ENV mandate
 - Indigenous feedback
 - CPAS objectives
 - Scan results
 - LRS subject matter experts' work



Ministry of Environment and Climate Change Strategy
Engagement on Contaminated Sites in BC: Contaminated Sites in a Changing Climate
TUESDAY FEBRUARY 15th, 2022
LIVE GRAPHIC RECORDING By Annaliese Kornelsen | Drawing Change

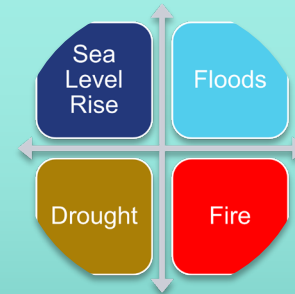


Ministry of Environment and Climate Change Strategy
Engagement on Contaminated Sites in BC: Risk Assessment on Contaminated Sites
LIVE GRAPHIC RECORDING By Kristine Elkow | Drawing Change

GET INVOLVED!



Continued Indigenous
Engagement



Public Engagement



SITE REMEDIATION FORMS

Available now:

- Contaminated Sites Services
- DERA Checklist
- NIR
- NOM
- Protocol 6 Preapproval
- Site Disclosure Statement
- Site Information Request

Coming soon:

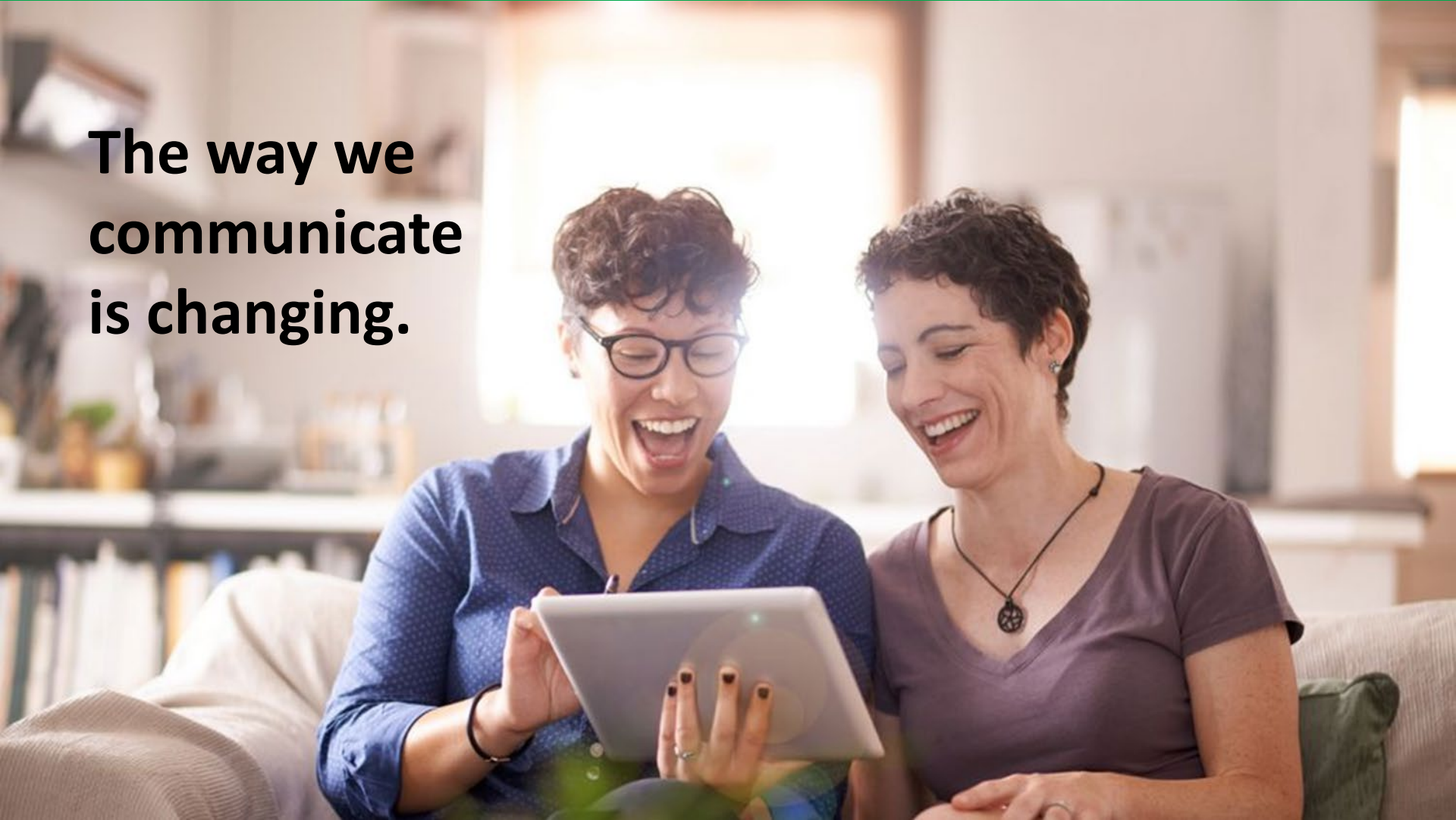
- Summary of Site Condition
- Site Risk Classification Report

New features:

- Save drafts
- Forms accessible to multiple users (requires basic BCeID)

WEBSITE MODERNIZATION

**The way we
communicate
is changing.**



SITE REMEDIATION WEBSITE: ISSUES



[Environmental protection and sustainability](#) > [Air, Land & Water](#) > [Site remediation](#) > [Contaminated sites](#) > [The Remediation Process](#)

Sustainable Site Remediation

Remediation projects often come with a hidden cost; the environmental impact of the clean-up itself.

The following organizations are led by environmental professionals and offer guidance and resources on sustainable remediation best practices.

- [Sustainable Remediation Forum \(SuRF\) Canada](#)
- [Sustainable Remediation Forum \(SuRF\)](#)
- [Superfund & Green Remediation \(Environmental Protection Agency\)](#)
- [Principles for Greener Cleanup \(Environmental Protection Agency\)](#)
- [Green Remediation \(State of California\)](#)
- [Network for Industrially Contaminated Land in Europe \(NICOLE\)](#)
- [Contaminated Land: Applications in Real Environments \(CL:AIRE\)](#)

Guidance and Resources

Learn more on

Remediation

fact sheets

guidance

Guidance

Procedures

Forms

Fact sheets

Policies and Standards

Site remediation procedures

Procedures are used to guide administration on contaminated sites legislation and regulations.

- [Procedure 2: Procedures for Managing the Site Registry \(PDF, 120KB\)](#)
- [Procedure 3: Ministry Procedures for the Roster of Approved Professionals \(PDF, 178KB\)](#)
- [Procedure 4: Procedure Regarding Exercise of Powers to Require Additional Remediation \(PDF, 92KB\)](#)
- [Procedure 6: Establishing the Boundaries of a Site \(PDF, 190KB\)](#)
- [Procedure 8: Definitions and Acronyms for Contaminated Sites- Revised \(PDF, 409KB\)](#)
- [Procedure 10: Requirements for Service Application Resubmissions, Withdrawals and Amendments \(PDF, 200KB\)](#)
- Procedure 13 and 14: For Information regarding the Management of Residues from Treatment or Incineration of Hydrocarbon Contaminated Soils or Drill Cuttings, please refer to the [Hazardous Waste Protocols](#).
- [Procedure 16: Procedures for determining if a Director should require the submission of a Site Risk Classification Report under Protocol 12 \(PDF, 237KB\)](#)

The information on this webpage does not replace the legislative requirements in the Environmental Management Act or its regulations. It does not list all provisions for contaminated site services. If there are differences between this information and the Act, Regulation, or Protocols, the Act, Regulation and Protocols apply.

[Environmental protection and sustainability](#) > [Air, Land & Water](#) > [Site remediation](#) > [Contaminated sites](#) > [The Remediation Process](#)

Soil Relocation for Site Remediation

The process for relocating contaminated soil is regulated – often a legal instrument called a Contaminated Soil Relocation Agreement is required in order to complete the transfer.

- [Fact Sheet 41 – Relocation of Soils from Contaminated Sites \(PDF\)](#)
- [Administrative Guidance 7 – Completing and Submitting an Application for a Contaminated Soil Relocation Agreement \(PDF\)](#)
- [Administrative Guidance 8 – Contaminated Soil Relocation Agreement](#)

Laws & Regulations

- [Environmental Management Act - Section 55](#)
- [Contaminated Sites Regulation - Part 8](#)
- [Schedule 7 Standards Triggering Contaminated Relocation Agreements](#)

Contaminated sites
Site classification
Remediation Process
Background concentrations
Determine if a site is contaminated
Remediating the Site



Ministry of
Environment and
Climate Change Strategy

SITE REMEDIATION WEBSITE: DRIVERS

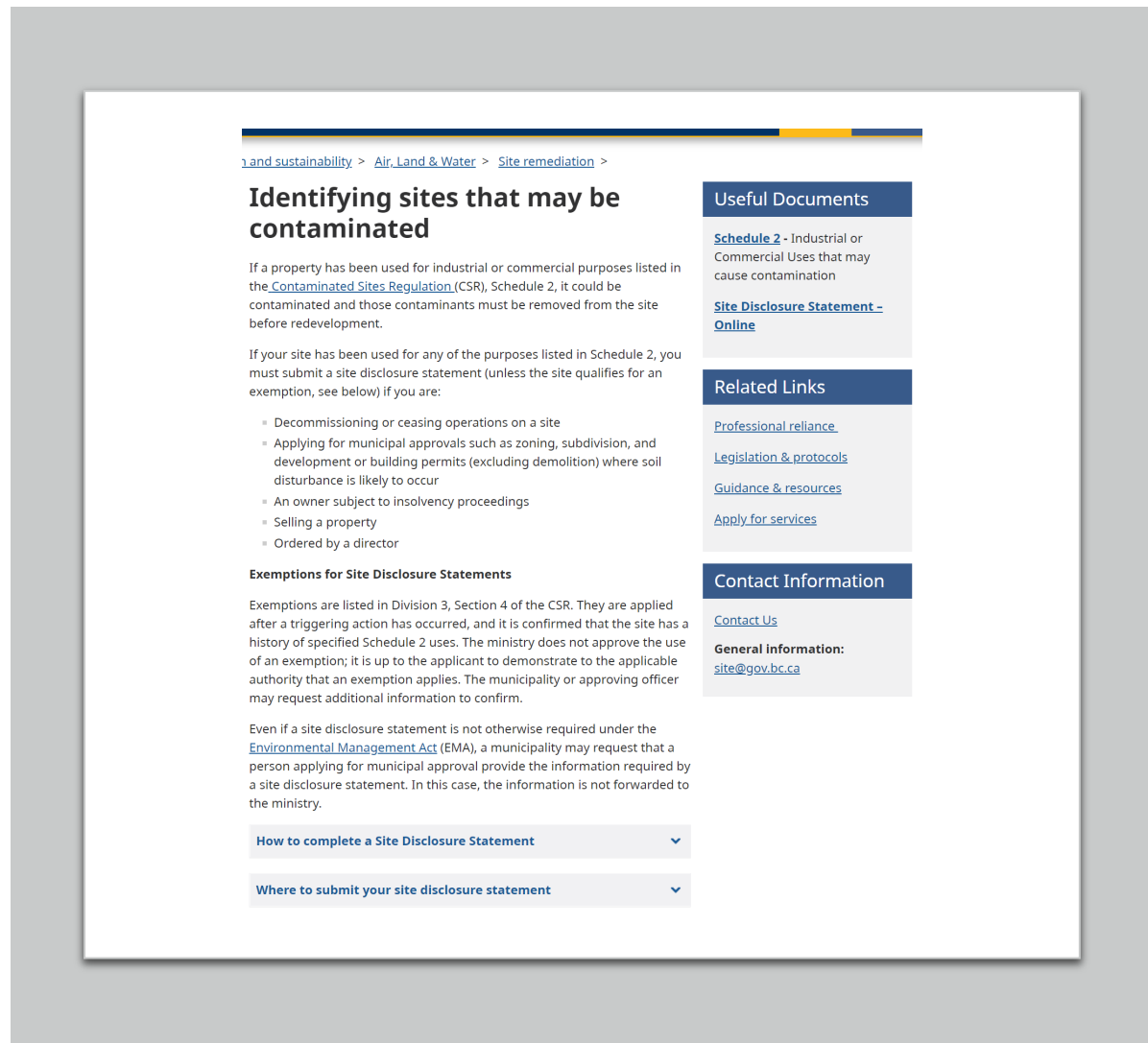


Diversity and Accessibility

Objectives and Approach

Refreshed web experience

- Review contents
- Update sitemap – user journey
- New homepage
- Content trackers
- Reviews by SME
- User experience testing
- New site in CMS tool



The background of the slide features a dark blue gradient. A hand is visible on the left side, reaching out towards the center. In the center is a wireframe globe, and overlaid on the entire scene is a network of white dots connected by thin white lines, resembling a digital or web structure.

Web content strategy principles

- Structure
- Visual Hierarchy
- Accessibility and Legibility
- Design
- Usability
- Governance

Recap of Key Changes to the Site

- Reduced # of pages/pdf documents
- Better graphic
- New landing page
- Pared down content
- Better page titles



[Home](#) > [Environmental protection and sustainability](#) > [Air, Land & Water](#) >

Site remediation

Find information about remediating contaminated sites in B.C.

Select the corresponding box to choose a stage of the site remediation process.



Identifying Sites

Determine whether a site is contaminated or not.



Investigating Sites

Gather information about contaminated sites.



Remediation Planning

Create a plan to clean up site contamination.



Remediation Implementation

Remove contaminants from the site in compliance with regulations.



Certification

Ensure the site complies with environmental standards.



Forms

Find forms to complete the site remediation process.

Popular topics

Follow the links below for frequently accessed resources.



Apply for Services



Site Remediation News



Site Information

Remediation news

Learn more about the latest news and updates:

[Site Remediation News](#)

Related resources

[Professional reliance](#)

[Legislation and protocols](#)

[Guidance and resources](#)

[Consulting with First Nations](#)

[Apply for services](#)

Homepage Highlights

SITE REMEDIATION WEBSITE LAUNCHED MAY 31

BRITISH COLUMBIA

Home > Environmental protection and sustainability > Air, Land & Water > Site remediation > Identifying sites that may be contaminated >

Preapprovals

Site remediation news

Contaminated sites

Brownfields

Contaminant migration

Remediation liability

Professional reliance

Residential Heating Oil Tanks

Apply for services

Information on sites

Guidance and resources

Legislation and protocols

Compliance

Managing Site Remediation During COVID-19

Remediation project profiles

Site Information Requests

Contact Us

Site remediation

Identifying sites that may be contaminated

Municipalities and approving officers

Release notices

Oil & gas

Compliance

Remediation liability

Investigating sites

Remediation planning

Remediation implementation

Certification

Contact

Requirements for municipalities and approving officers

The Environmental Management Act (EMA) and Contaminated Sites Regulation (CSR) assign the following administrative duties to municipalities and approving officers in relation to site disclosure statements. A municipality or approving officer must complete their assessment, forwarding, and notification duties within 15 days of receiving a site disclosure statement.

Expand All | Collapse All

Assessing site disclosure statement

How to use an exemption

Approving authority contact info

The municipality or approving officer must complete this section of the site disclosure statement before submitting it to the registrar (the last section of the form). The reason(s) for submission must also be checked.

Note: Incomplete site disclosure statements submitted to the registrar will be returned to the municipality or approving officer for follow-up.

Managing disagreements

Although there is no duty for a municipality or approving officer to search its records, there may be situations where the municipality or approving officer disagrees with the information provided on a site disclosure statement because it is inconsistent with the knowledge or information possessed by the municipality or approving officer.

In these instances, the ministry expects the municipality or approving officer to work with the applicant to resolve the dispute. If a resolution cannot be achieved independently, please contact the ministry at siteid@gov.bc.ca for further advice.

Expand All | Collapse All

When to send a site disclosure statement

When to notify the applicant

Process overview

Click to expand the photo

SITE IDENTIFICATION PROCESS for Municipal Approvals

Responsible owner, BUILDING OWNER or development project application for compliance at Industrial Property

Is there a "Schedule 1" use?

YES

NO

Do any exemptions apply?

YES

NO

Submit site disclosure statement to site registrar

Engage requirement for site investigation

MUNICIPALITY, REGULATIONS CANNOT BE APPROVED

OWNER OBTAINS ONE OF THE FOLLOWING:

Certificate of Compliance

Approved in Principle

Determination

No restrictions or application approved

Release

Immunity

Section 61 of EMA provides broad immunity for municipalities and their corporations when they administer site disclosure statements or other delegated functions under the legislation – even against negligence. It does not protect against willful misconduct.

Municipalities cannot be held liable for any costs arising from their reliance on a Determination, Approval in Principle, or Certificate of Compliance issued by a director. The municipality may approve any outstanding applications if the document is valid for the proposed land use at a site.

Municipalities as property owners

Like any landowner, a municipality could be held liable for remediation of a contaminated site that they own or previously owned. However, it is recognized there are some circumstances where a municipality should not be held liable for site remediation:

sites they acquired involuntarily – for example, through a property tax default

contaminated easements, highways, or rights-of-way for underground utilities, unless they caused the contamination

provincial restrictions are in place | [Get your booster dose](#)

Investigating sites

The [Environmental Management Act](#) (EMA) is the main law governing contaminated sites in the province. EMA lays out the framework and requirements for site identification, investigation, and remediation. Further details are set out in the [Contaminated Sites Regulation](#) (CSR).

The Ministry of Environment and Climate Change Strategy administers the requirements set out in EMA and the CSR and provides information to support these requirements. The information below summarizes what investigation is, why it is necessary when it is required, who is responsible for it, and how it is done.

Expand All | Collapse All

What is site investigation?

When is site investigation necessary?

When is site investigation required?

Who is responsible for site investigation?

When is site investigation done?

Useful Resources

[Environmental Management Act](#) (EMA)

[Contaminated Sites Regulation](#) (CSR)

Related Legislation

[Professional reliance](#)

[Legislation & regulation](#)

[Guidance & resources](#)

[Apply for services](#)

Contact Information

[Contact Us](#)

[General information](#)
site@gov.bc.ca

ISH MBIA

[Environmental protection and sustainability](#) > [Air, Land & Water](#) > [Site remediation](#) >

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liability

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Remediation
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Apply for services

The Ministry of Environment and Climate Change Strategy provides many services for contaminated sites including:

- Review of site investigation reports, remediation plans, confirmation of remediation, the site condition reports, or applications for approval under a Protocol
- Consideration of an Approved Professional's recommendation
- Issuance of a Determination of Contaminated Site, an Approval in Principle, or a Certificate of Compliance

A complete list of services can be found in [Schedule 3 of the Contaminated Sites Regulation](#).

Consistent with the 'user pays' and 'polluter pays' principles of the [Environmental Management Act](#), the Contaminated Sites Regulation authorizes fees for contaminated sites services.

How to apply

The ministry will process and review an application once it is considered complete. Partially completed contaminated sites services applications. A complete submission includes a [Sites Services Application Form](#), any other required [site remediation forms](#), report requested service, and payment of fees, where required. A Contaminated Sites Service is submitted each time an applicant is requesting a service.

Applications [requesting a release notice](#) or for compliance verification for site identification are submitted to SiteID@gov.bc.ca. All other applications are submitted to the [Client Information & Contaminated Sites Approved Professionals of British Columbia](#) (CSAP Society).

Submission of a Summary of Site Condition form is a requirement of many applications. Classification information is also a requirement. Read [Protocol 12 "Site Risk Classification Reporting"](#) (PDF, 690KB).

Sites Services Applications During COVID-19

The ministry continues to provide uninterrupted service to our clients during this period. Service delivery have been implemented for the duration of the COVID-19 public health emergency.

- Complete applications for contaminated sites services must be sent to the ministry. The ministry reserves the right to request paper copies if deemed necessary to continue decision-making on applications
- All meetings will be conducted virtually

[Expand All](#) | [Collapse All](#)

[How to complete the Contaminated Sites Services Application form](#)

Fees for services

Fees for services are specified in CSR Section 9 and Schedule 3. Payment for most services is provided by the ministry. The ministry supports the 'polluter pays' principle, where the person responsible for causing contamination responsible for the remediation. In the case of a municipality, wishing to use ministry services to help them meet their legal obligations can do so.

Ministry of
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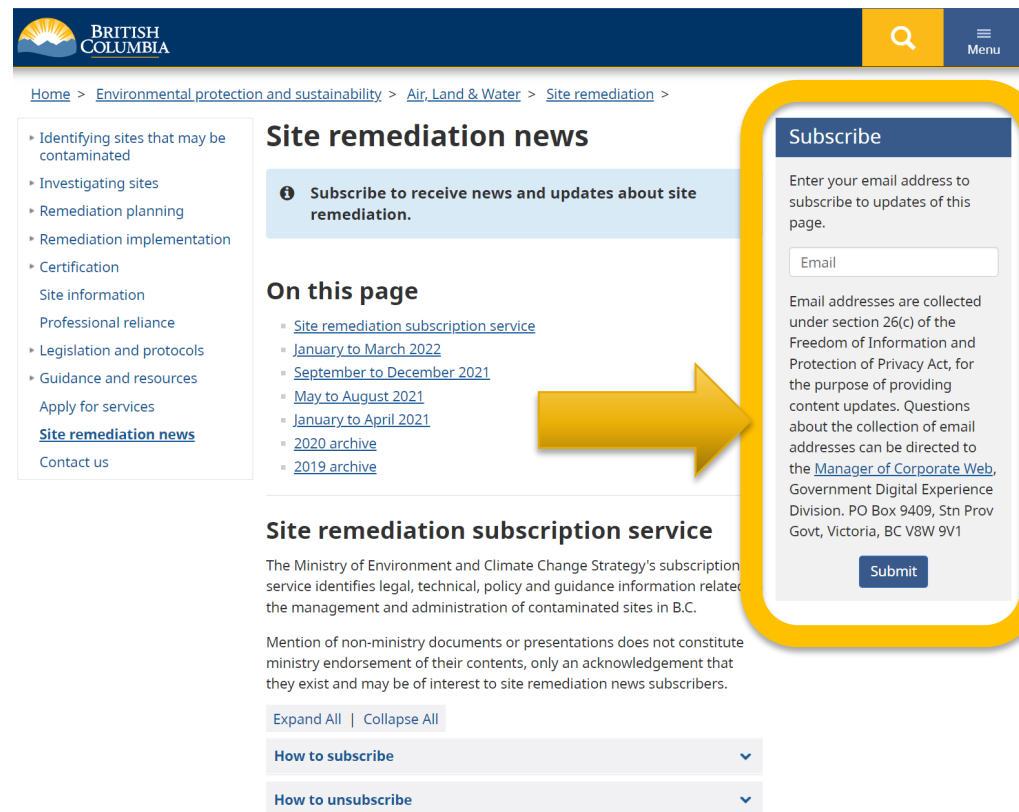
ELECTRONIC SITE REGISTRY APPLICATION (ESRA)



- Currently, searches of the Site Registry done through **BC Online**
- BC Online is expected to be **retired**
- Building **new application** to ensure searches are not disrupted
- Targeting a **late summer** launch

SITE REMEDIATION NEWS

You are invited to
Subscribe to the
Site Remediation News
email service.



The screenshot shows the British Columbia website's 'Site remediation news' page. A yellow callout box highlights the 'Subscribe' form, which includes an email input field and a 'Submit' button. A large yellow arrow points from the 'On this page' section towards the callout box.

BRITISH COLUMBIA

Home > Environmental protection and sustainability > Air, Land & Water > Site remediation >

- Identifying sites that may be contaminated
- Investigating sites
- Remediation planning
- Remediation implementation
- Certification
- Site information
- Professional reliance
- Legislation and protocols
- Guidance and resources
- Apply for services
- [Site remediation news](#)
- Contact us

Site remediation news

i Subscribe to receive news and updates about site remediation.

On this page

- [Site remediation subscription service](#)
- [January to March 2022](#)
- [September to December 2021](#)
- [May to August 2021](#)
- [January to April 2021](#)
- [2020 archive](#)
- [2019 archive](#)

Site remediation subscription service

The Ministry of Environment and Climate Change Strategy's subscription service identifies legal, technical, policy and guidance information related to the management and administration of contaminated sites in B.C.

Mention of non-ministry documents or presentations does not constitute ministry endorsement of their contents, only an acknowledgement that they exist and may be of interest to site remediation news subscribers.

[Expand All](#) | [Collapse All](#)

- [How to subscribe](#)
- [How to unsubscribe](#)

Subscribe

Enter your email address to subscribe to updates of this page.

Email

Email addresses are collected under section 26(c) of the Freedom of Information and Protection of Privacy Act, for the purpose of providing content updates. Questions about the collection of email addresses can be directed to the [Manager of Corporate Web](#), Government Digital Experience Division, PO Box 9409, Stn Prov Govt, Victoria, BC V8W 9V1

[Submit](#)

BRITISH COLUMBIA | Ministry of Environment and Climate Change Strategy

The background features a gradient from teal at the bottom to green at the top. Overlaid on this are two large, concentric circular shapes. The inner circle is a solid medium green, and the outer ring is a lighter, semi-transparent green. The text 'THANK YOU' is centered within the inner circle.

THANK YOU