

LAND REMEDIATION SECTION UPDATE

Peggy Evans
Land Remediation Section
Environmental Protection Division

**Contaminated Sites Approved
Professionals Society Workshop**
October 28, 2015



Ministry of
Environment

OVERVIEW

- LRS Staffing Changes
- 2015/2016 Initiatives
- Looking Ahead
- Website

Ministry of Environment

B.C. to move ahead on world-leading spill response

Share



Release

Monday, June 15, 2015 1:00 PM

MEDIA ASSETS

More from this Ministry

- Factsheets
- Visit Ministry Website

Popular Topics

- Mount Polley Tailings Dam Breach
- Climate Leadership Plan
- Water Sustainability Act
- Park boundary proposals
- Land-based spill responses & preparedness in B.C.

Services

- BC Parks
- Report all Polluters and Poachers



[Cookie policy](#)

VANCOUVER - After two years of engagement with industry, First Nations and local government, British Columbia is moving forward with plans for a world-leading land-based spill regime.

The new regime will ensure an effective response to any land-based spill of any

STAFFING CHANGES

Mike Macfarlane (Acting)
Exec Director
EELR Branch

Carolyn
Parkinson

Peggy Evans (Acting)
Director
Land Remediation

Michele Parker

Alan McCammon
*Remed'n Assur. &
Brownfields*

Peter Kickham
RA & Remed'n

Peggy Evans
(Base)
RA & Remed'n

Danielle Grbavac
Christina Sinnemann
(Acting)
Ops Management

Glyn Fox
Science & Stds

Kerri Skelly

Julia Brooke

Steve Dankev

Vacant
(Tyler O'Grady)

Remi Odense

Janet Barrett

Amy Sloma

Lavinia Zanini

Kelli Larsen

Lizzy Mos

Vince Hanemayer

Liliana Jerade

Heather Osachoff

Christina
Sinnemann
(Base)

Jennifer Puhallo

Lucy Hewlett

Aimee Brisebois

Annette
Mortensen

George Szefer

Jennifer
Samways

Ardith Gingell

Taylor Hinds
Co-op

Sydney Love
Co-op

2015/16 INITIATIVES

1. Finalize draft documents posted for comment
2. Draft Protocol 5
3. Tech Guidance 4
4. Site Profiles and CSRA Intentions Papers
5. Brownfields Strategy 2.0
6. Residential UST Strategy
7. Land Remediation Fund Review
8. Omnibus
9. Interim Approval Process for Hazardous Waste

2015/16 INITIATIVES – STATUS OF DRAFT DOCUMENTS

Call for Review and Comment - 12 Draft Documents

The Land Remediation Section has released drafts of 12 new and updated documents listed below for public review. *Please send your comments on any specific document to the e-mail address beside that document's title, by March 20, 2015.*

<u>Document</u>	<u>Send Comments to:</u>
Protocols	
06. Eligibility of Applications for Review by Approved Professionals UPDATE	Mike.Macfarlane@gov.bc.ca
21. Water Use Determination NEW	Annette.Mortensen@gov.bc.ca
Procedures	
08. Definitions and Acronyms for Contaminated Sites UPDATE	Mike.Macfarlane@gov.bc.ca
09. Procedures for Processing Site Profiles UPDATE	Kelli.Larsen@gov.bc.ca
12. Procedures for Preparing and Issuing Contaminated Sites Legal Instruments UPDATE	Peter.Kickham@gov.bc.ca
Administrative Guidance	
06. Site Profile Decisions and Requesting Releases Where Local Government Approvals are Required UPDATE	Kelli.Larsen@gov.bc.ca
14. Performance verification Plans, Contingency Plans and Operations and Maintenance Plans UPDATE	Glyn.Fox@gov.bc.ca
15. Approvals Not to Delineate or Remediate the Entire Extent of Contamination at a Site NEW	Peggy.Evans@gov.bc.ca
16. Approved Professionals Role in the Administration of Site Profile Releases – Scenarios 3, 4 and 5 NEW	Kelli.Larsen@gov.bc.ca
17. Completing Summary of Site Condition NEW	Dave.Lockhart@gov.bc.ca
Technical Guidance	
06. Assessment of Aquifer Yield for Water use Determinations UPDATE	Annette.Mortensen@gov.bc.ca
22. Use of Monitored Natural Attenuation for Groundwater Remediation NEW	Steve.Dankevy@gov.bc.ca
Find all Previous Requests for Comments here.	

Protocol 6

AG15

TG22

Contact:

Christina
Sinnemann

PROTOCOL 6 – ADDITIONAL CHANGES

Change

- Risk Based CSRAs no longer allowed

Clarifications

- AiP 5 year timeline reinstated (from draft Procedure 12)
- Requirements for non-RPs to delineate/remediate within affected property boundaries only
- Requirement for RPs to seek director's approval for "part site" applications (i.e. if entire area of contamination is **NOT** included in the contaminated site instrument application or applications)
- Footnotes added to Table 2 (Director's preapprovals):
 - Director's approval is required for background soil and GW determinations
 - Director's prior approval is required for in-situ HW management facilities (HWR)
- **Contact: Christina Sinnemann**

2015/16 INITIATIVES – PROTOCOL 5 & TECH GUIDANCE 4

Protocol 5 – *Groundwater Remediation Requirements for Protecting Drinking, Irrigation and Livestock Water Uses*

- CSAP P5 Working Group Recommendations under review
- Revised Draft P5 target completion date – early 2016
- **Contact – Steve Dankevych or Annette Mortensen**

Technical Guidance 4 – *Soil Vapour Guidance*

- Draft Protocol 22 – *Characterizing and Remediating Vapour Contamination*
- Adjustment of the default vapour attenuation factors for assessment of underground parkades
- Tech Guide 4 – *Vapour Investigation and Remediation*

Contact – Janet Barrett or Peter Kickham

2015/16 INITIATIVES – SITE PROFILES & CSRAS

Site Profile Intention Paper

- Renamed “Identification of Potentially Contaminated Sites”
- **Contact - Kelli Larsen**

Contaminated Soil Relocation Agreements Intention Paper

- Renamed “Prevention of Site Contamination from Soil Relocation”
- **Contact - Kerri Skelly**

Next Steps

- Intentions papers incorporating public comment on previous discussion documents undergoing internal ministry review
- October 22nd – CS e-link to summary response documents
- Expect to post for public comment – circa January 2016

2015/16 INITIATIVES – BROWNFIELDS

Brownfields

- In 2014 the provincial lead on Brownfields remediation/redevelopment transferred from MFLNRO to MoE LRS
- LRS is reviewing 2008-2014 accomplishments/lessons learned from Provincial Brownfield Program
- LRS will use the review in developing proposals for an updated Brownfield Strategy
- **Contact – Alan McCammon**

LOOKING AHEAD

- CSR legislative initiatives:
 - Omnibus Std Updating (Stage 10 Amendment)
 - HWR, CSR amendments – delink regulations
 - Brownfields strategy – draft intentions papers
 - Land Remediation Fund – review options (link to spills, brownfields & residential USTs)
 - Residential USTs – assess options
 - Review possible amendments to EMA Part 4 & 5 (or separate Land Remediation Act)
- Protocols & Guidance (AG15, P2, P5, TG22, P13)
- Land Remediation Convention (fall 2016)

WEBSITE

- Old Land Remediation website being dismantled:
- New Site Remediation website

<http://www2.gov.bc.ca/gov/content/environment/air-land-water/site-remediation>

- Old Q&As loaded to new website
- Please notify the ministry of any broken links
- **Contact: Christina Sinnemann**



QUESTIONS ?

Peggy.Evans@gov.bc.ca