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Ten Updated Land Remediation Documents Released

December 24, 2015

The Land Remediation Section has released 8 updated and 2 new guidance documents (PDFs):

- [Protocol 6. Eligibility of Applications for Review by Approved Professionals](#)
- [Protocol 21. Water Use Determination](#) (new)
- [Procedure 8. Definitions and Acronyms for Contaminated Sites](#)
- [Procedure 9. Procedures for Processing Site Profiles](#)
- [Procedure 12. Procedures for Preparing and Issuing Contaminated Sites Legal Instruments](#)
- [Administrative Guidance 6. Site Profile Decisions and Requesting Releases Where Local Government Approvals are Required](#)
- [Administrative Guidance 14. Performance Verification Plans, Contingency Plans and Operations and Maintenance Plans](#)
- [Administrative Guidance 16. Approved Professionals Role in the Administration of Site Profile Releases – Scenarios](#) (new)
- [Administrative Guidance 17. Completing Summaries of Site Condition](#)
- [Technical Guidance 6. Assessment of Hydraulic Properties for Water Use Determinations](#)

Associated responses to comments received during consultation have also been posted.

Omnibus Updating of CSR Standards Related Documents

Dec 18, 2015

The ministry has now posted the following omnibus related documents to the LRS website:

Document	Document Date	Type of Document	Comment Period Closing Date
Omnibus Updating of CSR Standards Draft Discussion Documents – Land Remediation Response to Stakeholder Comment	Nov. 2015	MoE Report	
CSR Omnibus Standards Updating Supplemental Consultation Document – Proposal to Derive Wildlands Soil Quality Standards for use under the Contaminated Sites Regulation based on Two Tiers of Environmental Protection	Nov. 30, 2015	MoE Consultation document for Stakeholder Comment	Jan. 4, 2016
CSR Omnibus Standards Updating Supplemental Consultation Document – Proposal to Change CSST (1996) Protocol in Respect to the Derivation of Human Health Standards for Carcinogenic Substances	Nov. 30, 2015	MoE Consultation document for Stakeholder Comment	Jan. 4, 2016

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Document	Document Date	Type of Document	Comment Period Closing Date
Golder Associates Ltd. and Science Advisory Board for Contaminated Sites in British Columbia (SABCS). Report on: Derivation of High Density Residential Soil and Vapour Quality Standards for Use under Contaminated Sites Regulation	May 24, 2011	MoE Contracted Report	
Golder Associates Ltd. Summary Paper on British Columbia Ministry of Environment on the Derivation of High Density Residential Soil Standards	Mar. 19, 2015	MoE Contracted Report	

If you have any questions regarding these documents, please contact Dr. Glyn Fox, Head, Science & Standards, at Glyn.Fox@gov.bc.ca.

Please note that the comment period for the two supplemental consultation documents closes January 4, 2016.

Clarification of VPH, LEPH and HEPH Reporting Requirements

November 17, 2015

The ministry has now clarified monocyclic aromatic hydrocarbon (MAH) and polycyclic aromatic hydrocarbon (PAH) co-reporting requirements for VPH, LEPH and HEPH analyses performed for the regulatory purposes of the Contaminated Sites Regulation.

The details of these co-reporting requirements are provided in the [ministry's letter](#) of November 12, 2015 to Mr. Mark Hugdahl, Chair - British Columbia Environmental Laboratory Technical Advisory Committee (BCELTAC).

Please note that these co-reporting requirements for VPH, LEPH and HEPH assays take effect January 4, 2016.

If you have any questions, please contact Dr. Glyn Fox, Head, Science & Standards, at Glyn.Fox@gov.bc.ca

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Approved New Analytical Methods

November 17, 2015

The following new analytical methods and associated BC Laboratory Manual documents, developed with the assistance of the British Columbia Environmental Laboratory Technical Advisory Committee (BCELTAC), have been approved by the Director. These new methods come into effect on January 4, 2016 (but may optionally be used immediately). For more information see the “Methods Approved by Director” section of the ministry’s [Sampling, Methods and Quality Assurance website](#). These new methods will be incorporated into the B.C. Environmental Laboratory Manual.

Method	Date Approved	Type of Document	Effective Date
BC MOE Sample Preservation & Holding Time Requirements	Nov. 9, 2015	BC Laboratory Manual document	Jan 4, 2016
Calculation of Light and Heavy Extractable Petroleum Hydrocarbons in Solids or Water (LEPH & HEPH)	Nov. 9, 2015	Analytical Method	Jan 4, 2016
Calculation of Volatile Petroleum Hydrocarbons in Solids, Waters, or Air (Vapour) - VPH	Nov. 9, 2015	Analytical Method	Jan 4, 2016
Digestion for Total Metals in Water – Prescriptive	Nov. 9, 2015	Analytical Method	Jan 4, 2016
Extractable Petroleum Hydrocarbons (EPH) in Water by GC/FID	Nov. 9, 2015	Analytical Method	Jan 4, 2016
Oil and Grease in Water by Hexane Extraction and Gravimetry -PBM	Nov. 9, 2015	Analytical Method	Jan 4, 2016
Revision to Section 2.17 from BC Lab Manual, Section A, Laboratory Quality Assurance/Quality Control	Nov. 9, 2015	BC Laboratory Manual document	Jan 4, 2016
Strong Acid Leachable Metals (SALM) in Soil - Prescriptive	Nov. 9, 2015	Analytical Method	Jan 4, 2016

If you have any questions, please contact Dr. Joyce Austin, Senior Provincial Laboratory Specialist at Joyce.Austin@gov.bc.ca

Effective Spill Response in BC – 2016 and Beyond: Final Agenda

November 3, 2015

The Province is Preparing New Legislation for Spill Response - What Changes?

Faced with ambitious new rules around Spill Response, contaminated sites professionals need to understand existing spill response regimes - and imminent changes.

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“Effective Spill Response in BC – 2016 and Beyond”, slated for November 20th, 2015, in Vancouver brings together provincial, industry and third-party experts to drill into pending changes, current practice and critical issues on a single stage in a single day.

Event Information:

Effective Spill Response in BC – 2016 and Beyond
November 20, 2015. See website for agenda details.

<http://geoenviropro.com/events/effective-spill-response-in-bc-2016-and-beyond/>

BCIT Downtown Centre, Atrium (Room 825)
555 Seymour St, Vancouver, BC

Upcoming GeoEnviroPro seminar: Effective Spill Reponse in BC

October 14, 2015

GeoEnviroPro will be holding a one-day seminar "Effective Spill Response in BC – 2016 and Beyond" on Nov 20th, 2015 in Vancouver, BC.

This seminar brings together provincial, industry and third-party experts to drill into pending changes, current practice and critical issues and will provide timely, actionable information on effective response and changes to BC's response regime.

For registration and detailed agenda, visit www.GeoEnviroPro.com

Land Remediation - Updates of Risk Assessment Technical Documents

October 7, 2015

The Land Remediation Section has released updated versions of two risk assessment technical documents:

- Technical Guidance 7: Supplemental Guidance for Risk Assessments
- Technical Bulletin 2: Requirements for Human Health and Ecological Risk Assessment Reports

The update of Technical Guidance 7 includes updates on:

- Ministry policy related to the need to include utility/trench worker scenarios in human health risk assessment,
- the types and preferential sources of EcoTRVs,
- guidance related to the use of hazard indices and additive risks in human health and ecological risk assessments,
- the use of uncertainty factors, and
- new and updated documents related to risk assessment including those pertaining to performance verification plans, preapprovals, and Technical Bulletin 2 requirements.

The update of Technical Bulletin 2 includes:

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- minor modifications to enhance clarity, such as references to relevant sections of the Contaminated Sites Regulation and Contaminated Sites protocols and guidance.

Questions regarding these updates can be directed to Lizzy.Mos@gov.bc.ca.

CSAP Fall Professional Development Workshop - October 28, 2015

October 6, 2015

The Contaminated Sites Approved Professional Society (CSAP) will be hosting its annual Professional Development Workshop on October 28, 2015 at the Vancouver Convention Centre.

As a forum for Approved Professionals and other interested parties to explore the latest developments in contaminated sites management, this full-day workshop will feature presentations from CSAP, MoE, and UDI. Presentations will address such topics as: omnibus amendments to the CSR; environmental impacts and successful treatment options of dry cleaners; and the perspective of the Development Industry on the Contaminated Sites process in BC.

Following presentations, the day will wrap with an engaging panel discussion to explore questions and topics identified in advance by audience members.

[Registration and a detailed agenda](#)

Venue:

Vancouver Convention Centre – West Building
1055 Canada Place, Meeting Room Level 2
West Meeting Rooms 211 – 214

For more information please contact CSAP at info@csapsociety.bc.ca

GeoEnviroPro Webinars - November 16 to 19, 2015

October 5, 2015

GeoEnviroPro will be holding Webinar training in conducting ecological risk assessments (Module 1) with a Live Workshop on application of terrestrial TRIAD risk assessment to the Mount Polley Mine tailings dam breach (Module 2).

Module 1 is a Three-Part Webinar Series, November 16, 17 and 18, 2015 (8:30-10:00 a.m.), that takes ecological risk assessment to a practical level, giving you an understanding of the process, touching on where guidance ends and “best practice” takes over, and focusing on what really matters in terms of protection of the environment and meeting regulatory requirements.

Module 2 is a half-day workshop on November 19 (8:15 a.m. - 12:30 p.m.) that provides a new approach to ecological risk assessments for large wildlands sites, like the Mount Polley Mine. The approach combines the traditional approach of terrestrial risk assessment with tried and proven methods from forest ecology to create a new TRIAD approach (similar to the TRIAD approach used for aquatic risk assessment).

For registration and detailed agenda, visit www.GeoEnviroPro.com

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Trench worker exposure scenario

September 30, 2015

In cooperation with Worksafe BC, the Land Remediation Section is discontinuing the requirement to evaluate potential risks associated with excavation/trench worker exposure to contaminated environmental media as a component of human health risk assessment to demonstrate compliance with the Contaminated Sites Regulation. Rather, a notice will be included in legal instrument cover letters advising responsible persons for such sites of their obligations to protect excavation/trench worker health and safety under the *Workers Compensation Act and Occupational Health and Safety Regulation*. The notice will read as follows:

Please note that the attached <legal instrument> does not address obligations of employers regarding worker health and safety under the *Workers Compensation Act and Occupational Health and Safety Regulation*. Development of site-specific work procedures in accordance with Workers' Compensation Board regulations may be warranted. Please direct related questions to Worksafe BC.

Details regarding this policy will be reflected in future versions of MoE vapour intrusion guidance (Technical Guidance 4).

Questions regarding this change in policy can be directed to Peter.Kickham@gov.bc.ca.

GeoEnviroPro Report Writing Workshop - November 3 and 4, 2015

September 29, 2015

GeoEnviroPro will be holding a two-day Report-Writing Workshop "FROM SITE TO STORY: Write Better Environmental Reports" on Nov 3 & 4, 2015 in Vancouver, BC.

This workshop covers writing clear and convincing technical reports, which is key to an environmental professional's success. This workshop will give you new skills, new insights, and new confidence for tackling your next technical report. You will learn to think about the big picture and plan for success before you write a word. You will mimic the process of writing a technical report from beginning to end, starting with the planning phase, working through all the typical report sections (Executive Summary, Introduction, Methods, etc.), and ending when the report is complete. By participating in class discussions and working on examples adapted from real reports, you will increase your ability to structure an effective report and include the right content in each section.

For registration and detailed agenda, visit www.GeoEnviroPro.com

2016 RPIC Federal Contaminated Sites National Workshop

April 25-27, 2016

Le Centre Sheraton Montreal, Montreal, Quebec, Canada

The RPIC Federal Contaminated Sites National Workshop is the leading professional development workshop for federal and industry environmental professionals involved in the management and remediation of federal contaminated sites.

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Call for Abstracts:

The abstract deadline is October 14, 2015. More details are available at the following website: <http://www.rpic-ibic.ca/en/events/federal-contaminated-sites-fcs-national-workshop/2016-fcs-national-workshop/call-for-abstracts>.

Registration:

For further information on the 2016 RPIC Federal Contaminated Sites National Workshop, and to download registration forms, please see <http://www.rpic-ibic.ca/en/events/federal-contaminated-sites-fcs-national-workshop/2016-fcs-national-workshop/registration>.

ITRC 2-Day Classroom Training: Light Nonaqueous-Phase Liquids

The Interstate Technology and Regulatory Council (ITRC) will offer 2-day classroom training on the topic of Light Nonaqueous-Phase Liquids: Science, Management, and Technology September 15-16, 2015 in Seattle (area), WA
Hosted by ITRC state member: Washington State Department of Ecology.

***Join 50 staff from Washington State Department of Ecology already registered to attend, as well as registrants from other state environmental agencies, EPA, DoD, and industry.

Register now at <https://www.regonline.com/ITRC-LNAPL-WA>
For more about ITRC training go to: <http://www.itrcweb.org/Training>

4th International Conference on Sustainable Remediation April 26-28, 2016 Le Centre Sheraton Montreal, Montreal, Quebec, Canada

Following the success of the first three Sustainable Remediation events in Copenhagen, Vienna and Ferrara, SuRF Canada is proud to be hosting the 4th International Conference on Sustainable Remediation (SustRem), which is being held in 2016 for the first time in North America. The 2016 SustRem Conference aims to stimulate international exchange by providing a venue for public, private, and academic sectors to share experiences and perspectives on how contaminated sites can be remediated with a smaller overall footprint and more positive outcomes, and how their reuse can contribute to a more sustainable land development.

Save the Date:

For further information on the 2016 SustRem Conference, and to download the "Save the Date" flyer, please see <http://www.rpic-ibic.ca/en/events/federal-contaminated-sites-fcs-national-workshop/2016-fcs-national-workshop/sustrem-home>.

Call for Abstracts:

The abstract deadline is October 14, 2015. More details are available at the following website: <http://www.rpic-ibic.ca/en/events/federal-contaminated-sites-fcs-national-workshop/2016-fcs-national-workshop/sustrem-home/call-for-abstracts-sustrem>.

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The Fifth Annual SABCS Conference and Workshop on Contaminated Sites September 23 and 24, 2015

August 12, 2015

The Conference this year has 22 submitted papers and the Workshop features international speakers, including a return visit by John Wilson of Scissortail Environmental Solutions. The Workshop title this year is Current Approaches to Site Assessment and Application of Monitored Natural Attenuation and Risk Assessment in Oil and Gas Sites.

Programs for the Workshop and Conference are posted on the SABCS website at www.sabcs.chem.uvic.ca. Registration is open at <http://conferences.uvic.ca/index.php/sabcs/sabcs2015>. Early registration closes August 26, 2015.

Contaminated Sites Borehole Logs now on DataBC

August 11, 2015

Land Remediation Section is pleased to present our initial efforts to provide the public with information on drilled borehole logs at select contaminated sites in BC. Information can be viewed in the government's DataBC online GIS application "iMapBC" (<https://arcmaps.gov.bc.ca/ess/sv/imapbc/>). To view the contaminated sites borehole log layer click on the "I want to" button and then "add DataBC layers". Search for Borehole Lithology Sites and click apply. Through this application the general public can obtain hydrogeological information at specific sites, such as borehole lithology by depth, total depth of the borehole and, if available, hydraulic conductivity values. Please note, the geological information provided from borehole logs has been summarized from reports submitted to the Ministry of Environment by third parties. It should not be relied upon for purposes other than to provide a general indication of subsurface conditions within geographic areas of interest.

This hydrogeological inventory will help augment ongoing investigations of contaminated sites and support future mapping of geological information (such as geographic extent of natural confining barriers) that may offset investigation requirements for determining groundwater use at contaminated sites. In order to maintain this useful resource, the ministry requires at least one representative borehole log (as an electronic PDF document) for each site be provided with each application for a ministry instrument. A disclaimer may be added to the borehole log. An example is provided below.

The Borehole Log Information [excel spreadsheet](#) under Technical Guidance 6 must be completed and submitted to the ministry to help us enter the pertinent borehole lithology information into our database.

Example disclaimer to be added to borehole logs submitted to the ministry:

Any use which a third party makes of this document, or any reliance on or decisions to be made based on it, are the responsibility of such third parties. CSAP/MOE are not responsible for any use or modification of this document. CSAP/MOE accept no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions taken based on this document.

If you have any questions related to the ministry's mapping of borehole lithology please contact Lavinia Zanini Lavinia.Zanini@gov.bc.ca or Janet Barrett Janet.Barrett@gov.bc.ca.

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Land Remediation – Omitted Appendix A – CSR Omnibus Updating: Proposed Amendments to Schedule 5 Soil to Water Pathway Standards

August 5, 2015

Further to the [CS e-Link of July 7, 2015](#) announcing the release of the Omnibus Updating of CSR Standards Draft Discussion Documents for public review, it has come to our attention that Appendix A of the [CSR Omnibus Updating: Proposed Amendments to Schedule 5 Soil to Water Pathway Standards](#) Draft Discussion Document was inadvertently omitted.

[Appendix A](#) is now available for downloading.

If you have any comments relating to Appendix A or any other part of the CSR Omnibus Updating: Proposed Amendments to Schedule 5 Soil to Water Pathway Standards Draft Discussion Document please send them to George.Szefer@gov.bc.ca by August 28, 2015.

Draft Protocol 21 – Water Use Determination is available for use

August 5, 2015

[Draft Protocol 21](#), released for public comment in January 2015 (the comment period is now closed), contains a number of exemptions and clarifications of decision criteria in approved Technical Guidance 6 that currently guides water use decisions. Stakeholder comments on Draft Protocol 21 are currently under review and document finalization is planned for the fall of 2015. During the review period water use determinations based on Draft Protocol 21 will be accepted. For sites where water uses determined to apply under Draft Protocol 21 are considered unlikely or unreasonable, an application for a Director's determination of water use can be submitted to the ministry as described in Section 9.0 of the protocol.

If you have any questions related to Draft Protocol 21 or requirements for applications for Director's determination of water use, please contact Amy Sloma Amy.Sloma@gov.bc.ca or Annette Mortensen Annette.Mortensen@gov.bc.ca.

Land Remediation - Omnibus Updating of CSR Standards, Draft Discussion Documents Released for Review and Comment

July 7, 2015

The Land Remediation Section has released the Omnibus Updating of CSR Standards, Draft Discussion Documents listed below for public review. Please send your comments on any specific proposal paper to the LRS staff member's e-mail address identified with that particular Draft Discussion Document by August 28, 2015.

[View the 11 Omnibus Updating of CSR Standards, Draft Discussion Documents](#)

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CSAP Exam Application Deadline May 29, 2015

May 15, 2015

The Contaminated Sites Approved Professionals (CSAP) Society exam application deadline for 2015 is soon approaching.

Deadline for exam applications: May 29, 2015.

Numerical Standards test – November 3rd

Regulatory test – November 4th

Risk-based Standards test - November 5th

Detailed information regarding the examinations has been posted to the CSAP Society website:

- Examination guide and fee information at: [Guidelines](#)
- Experience review information and application at: [Experience Review](#)
- Information regarding the dates, time and location of the examination will be posted on the CSAP Society website.

If you have any questions or comments please contact Catherine Schachtel, Executive Director of the Society, at cschachtel@csapsociety.bc.ca

Changes to the Land Remediation Section Website

May 13, 2015

As a part of the BC Government Internet Strategy to create a more citizen-centric and service-focused web presence, the Land Remediation website has recently undergone some major changes. Stakeholder analysis has proven that citizens look for information by topic rather than by Ministry. The Strategy's purpose is to help you find the information you want quickly and easily.

Under this new framework we have optimized content for maximum find-ability. While the new framework is designed for greater ease, users familiar with the previous framework may take some time to adjust to the new look-and-feel.

We are in the process of updating the links in our documents to reflect the new web address and we acknowledge the inconvenience this may cause. In the interim, please e-mail the contact person for the document and we will e-mail you the information that you need.

The arrangement of content on the website is based on topics instead of organizational structure. These changes have modified the placement of content into such topics as [Contaminated Sites](#), [Remediation Liability](#), [Site Profiles](#) and more.

We are in the process of updating our contact lists and posting our Q&As by topic. We will notify you when this has been completed.

Please take a moment to review the new [Site Remediation](#) website and update any links you may have associated to our online material.

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Thank you for your patience during this time of change. If you have any concerns, please don't hesitate to contact me at Danielle.Grbavac@gov.bc.ca.

Science Advisory Board Fall Conference Call for Abstracts

May 8, 2015

Call for Abstracts Now Open

The Fifth Annual Science Advisory Board on Contaminated Sites in BC Conference and Workshop
September 23, 24, 2015

The Science Advisory Board is holding its 5th annual conference and workshop in Vancouver, BC this fall and has put out a call for abstracts. The closing date for abstract submission is June 5 2015. Tiona Todoruk, conference chair, has included some general information in an attachment on the SABCS website at <http://www.sabcs.chem.uvic.ca/> including details on submitting abstracts. Online registration for the conference and workshop will open in June.

Should you have any questions regarding the conference and workshop please use the link on the SABCS website or contact Dr. Paul West by phone at (250)-472-4688, or by email at pwest@uvic.ca

GeoEnviroLogic Annual Update on BC Contaminated Sites Regime

May 7, 2015

GeoEnviroLogic Professional Development will be holding the annual seminar: Update on Contaminated Sites Regime in BC on June 4, 2015 in Vancouver, BC. This seminar provides an annual update on new aspects of the BC Contaminated Sites Regime. In past years, it has proven to be a popular forum for peer discussion of new policies, guidance and procedures; and for sharing possible approaches and solutions. The seminar is valuable for contaminated site practitioners, regulators and site owners. Presenters include Contaminated Site Specialists, Approved Professionals and Provincial and Federal Agency Staff.

For registration and detailed agenda, visit www.geoenvirologic.ca

New Petroleum Hydrocarbon Analytical Method for Comment

April 9, 2015

The following new revised draft analytical methods, developed with the assistance of the British Columbia Environmental Laboratory Technical Advisory Committee (BCELTAC), have been posted for public review to the "New Methods Posted for Public Comments" section of the ministry's Sampling, Methods and Quality Assurance website <http://www.env.gov.bc.ca/epd/wamr/labsys/lab-manual/>.

Extractable Petroleum Hydrocarbons (EPH) in Water by GC/FID. Posted March 26, 2015. The BC Lab Manual EPH analytical method has been revised from the existing performance based method incorporating DCM extraction to a new method where extraction with hexane is prescribed. The new method will more selectively target petroleum hydrocarbon contaminants and ensures an enhanced level of inter-laboratory consistency.

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Calculation of Light and Heavy Extractable Petroleum Hydrocarbons in Solids or Water (LEPH & HEPH). Posted March 26, 2015. The LEPH/HEPH calculation procedure has been revised to include allowance for LEPH(sg) & HEPH(sg) calculation after EPH silica gel cleanup, where justified based on an expectation of natural organic interferences. The new revised procedure is required to allow implementation of new co-reporting requirements for subtracted PAHs, to be introduced once the new revised method is finalized and approved.

Calculation of Volatile Petroleum Hydrocarbons in Solids, Waters, or Air (Vapour) – VPH. Posted March 26, 2015. The VPH calculation procedure has been revised to include subtraction of styrene for VPHv and VPHw. The new revised procedure is required to allow implementation of new co-reporting requirements for subtracted discrete parameters, to be introduced once the new revised method is finalized and approved.

The closing date for comments on the new revised methods is Monday April 27, 2015

Questions or comments on the new methods may be submitted by email to Dr. Joyce Austin, BC MOE Senior Provincial Laboratory Specialist, at Joyce.Austin@gov.bc.ca.

CSAP Society Membership Examination Applications

March 25, 2015

The Contaminated Sites Approved Professionals (CSAP) Society is now accepting applications for the 2015 membership examinations.

Deadline for exam applications: May 29, 2015.

Numerical Standards test – November 3rd

Regulatory test – November 4th

Risk-based Standards test - November 5th

Detailed information regarding the examinations has been posted to the CSAP Society website:

- Examination guide and fee information at: [Guidelines](#)
- Experience review information and application at: [Experience Review](#)
- Information regarding the dates, time and location of the examination will be posted on the CSAP Society website.

If you have any questions or comments please contact Catherine Schachtel, Executive Director of the Society, at cschachtel@csapsociety.bc.ca

Contaminated Sites Professional Training Webinars

February 25, 2015

GeoEnviroLogic Professional Development will be hosting six online contaminated sites professional training webinar sessions that will cover fundamentals of contaminated sites science, engineering and regulation.

Six Tuesday & Thursday Morning Sessions: 8:30 to 10:00 am

Session 1 – The Conceptual Site Model and Regulatory Requirements - April 28, 2015

Session 2 – Site Investigation Planning and Interpretation - April 30, 2015

Session 3 – Contaminant Fate and Transport - May 5, 2015

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Session 4 – Ecological Risk Assessment - May 7, 2015

Session 5 – Human Health Risk Assessment - May 12, 2015

Session 6 – Site Remediation and Risk Management - May 14, 2015

- [Read more about registration and view a detailed agenda](#)

GeoEnvirologic Two-Day Report-Writing Workshop - April 7 & 8, 2015

February 11, 2015

GeoEnviroLogic Professional Development will be holding a two-day Report-Writing Workshop “FROM SITE TO STORY: Write Better Environmental Reports” on April 7 and 8, 2015 in Vancouver, BC.

This workshop covers writing clear and convincing technical reports, which is key to an environmental professional’s success. You will learn to think about the big picture and plan for success before you write a word. You will mimic the process of writing a technical report from beginning to end, starting with the planning phase, working through all the typical report sections (Executive Summary, Introduction, Methods, etc.), and ending when the report is complete. By participating in class discussions and working on examples adapted from real reports, you will increase your ability to structure an effective report and include the right content in each section.

- [Read more about registration and view a detailed agenda](#)

Updated Protocol 21 and Extended Document Comment Period

January 26, 2015

An updated version of Protocol 21 “Water Use Determination” is available for public comment. The update includes clarification regarding exemption of confined aquifers (text highlighted in redline) and an updated flow chart (Figure 1). For the review, please use Protocol 21 Version 1.0 Draft 10.

In response to stakeholder comments, the ministry is extending the comment period for the 12 draft documents through April 30, 2015.

- [See current requests for comments and draft documents](#)

GeoEnviroLogic Workshop - February 18/19 in Vancouver, BC

January 23, 2015

GeoEnviroLogic Professional Development will be holding a two-day workshop “Beyond Data: Better Investigations- Better Results” on Feb 18 & 19 in Vancouver BC. This workshop takes investigation and interpretation of site contamination to a new level, giving you an in-depth understanding of what really matters – the use of a Conceptual Site. How many times have you wrestled with an environmental report that merely repackages a lab report with no understanding of the data – no inclination that the lights are on or that anyone is at home? How can you expect to pick an effective remediation solution, let alone a cost-effective solution?

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- [Learn more about registration and view a detailed agenda](#)

Consultation Closing - Land Remediation Discussion Documents

January 20, 2015

Site Remediation Legislative and Regulatory Review – Consultation Closing

This is a reminder that the consultation closing date is Monday, February 2nd.

Consultation on changes to British Columbia's legal regime for soil relocation and site identification (site profiles) were posted on the Ministry website in September for comment. The original closing date for comments was December 10, 2014. However, in response to requests made by stakeholders, the Ministry of Environment is extending the consultation period for the Land Remediation Legislative and Regulatory Review – Soil Relocation & Site Profile Process. The closing date for receiving comments is Monday, February 2, 2015.

Stakeholders are encouraged to submit any comments to consultation questions that they have prior to the closing. The Ministry has contracted Cindy Bertram of C. Rankin & Associates to manage the consultation process. If you have any questions regarding the consultation process, check the Ministry website or contact Cindy Bertram by:

Email: [Cindy Bertram](#)

Mail: PO Box 28159 Westshore RPO
Victoria, BC V9B 6K8

We sincerely appreciate your time and consideration on this matter.

Kerri Skelly, P.Ag.
Senior Contaminated Sites Officer
Land Remediation Section
Ministry of Environment

Kelli Larsen
Senior Contaminated Sites Officer
Land Remediation Section
Ministry of Environment

Brownfield Training at FCM Sustainable Communities Conference

January 20, 2015

Canada's premier sustainability event — the Federation of Canadian Municipalities' Sustainable Communities Conference is being held on February 10-12, 2015 in London, Ontario.

The conference brings together hundreds of sustainability leaders in a unique, three-day opportunity to connect with peers, explore through study tours and experience delegate-driven content. You'll learn from and network with creative thinkers and innovators from across the country who share your commitment to building momentum for sustainability.

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This year's conference features an advanced training session on Bringing Underutilized Sites Back to Life. This in-depth training session outlines how your municipality can bring brownfields back to life. It is aimed at municipal professionals and other key stakeholders who are actively involved in site revitalization and redevelopment.

- [Learn more about this training session](#)
- [Learn more about the conference agenda and registration](#)

Land Remediation Documents Released for Review and Comment

January 12, 2015

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.

- [View the 12 draft documents](#)
- [View previous Requests for Comments](#)

Soil Relocation and Site Profile Discussion Papers

January 6, 2015

Soil Relocation and Site Profile Discussion Papers – January webinar reminder

Discussions on changes to British Columbia's legal regime for soil relocation and site identification (site profiles) continue. The [closing date for receiving comments](#) is Monday, February 2, 2015.

The Ministry will also be hosting further webinars to review discussion documents and update stakeholders on consultation responses to date (including comments from meetings in Victoria, Vancouver and Kelowna). The webinars will take place on:

- January 14, 2015 (*please note the change in order of the webinars)
- 10:00-11:00 a.m. Soil Relocation
- 11:00-noon Site Profiles

Stakeholders are encouraged to submit any comments to consultation questions that they have at this time - any responses will inform the Ministry and support the January webinar. If you are interested in receiving information about or participating in the webinars please contact [Cindy Bertram](#) for further details.

The purpose of the Ministry of Environment's CS e-Link system is to identify legal, technical, policy and guidance information related to the management and administration of contaminated sites in British Columbia which may be of interest to subscribers.

Mention of non-Ministry of Environment documents or presentations does not constitute ministry endorsement of their contents, only an acknowledgment that they exist and may be of interest to CS e-Link subscribers.