

Members Update FALL 2019

Ministry Updates/Clarifications

Further to ministry's note in the last members update regarding listing substances with background concentrations or site-specific standards in the Summary of Site Condition (SoSC), it is also required that background substances and site-specific standards be listed in Schedule C of the legal instrument.

Relevant language from the CoC template v 9.0:

*<For **background substance concentrations and site-specific numerical standards**, list the substances for which environmental media have been remediated to meet local background concentrations and site-specific numerical standards established under an approval provided by a Director. List them alphabetically as they appear in Schedules 3.1, 3.2, 3.3 and 3.4 of the Contaminated Sites Regulation. CAS Numbers must be included for each substance.>*

A summary of previous Ministry Clarifications is available [here](#).

Performance Assessment Committee Updates

The Performance Assessment Guidelines have been updated and posted to the CSAP Website <http://csapsociety.bc.ca/wp-content/uploads/PA-guidelines-Revised-SEPT-2019-v2.pdf>. The update includes a new category of Performance Assessment outcomes termed "Incomplete". Section 6.3 of the PA Guidelines describes this category as follows, "In rare circumstances, such as when a landowner decides they no longer need a legal instrument for their contaminated site, or does not engage an AP(s) for their services during a PA, a PA may be categorized as incomplete. If during the PA process such circumstances are encountered, the submitting AP(s) are required to provide, in writing to the PA coordinator, a request for the PAC to review the circumstances and assess eligibility for an incomplete PA. Documentation should include communications and or documents providing evidence of the circumstances leading to the request. The PA Coordinator will respond to the request within 1 month".

Detailed & Administrative Screening Update

Submission Review

59 submissions have been received since April 1st, 2019 at a rate of about 8.5 per month and only slightly below the pre-omnibus rate of 10 per month.

42 of these submissions have been screened under the CSAP Screening process and the instruments issued by ENV to the stakeholder(s). Of the 42 instruments issues;

- 74% (31) were for Certificates of Compliance of which;
 - half (16) were issued to numeric standards and,
 - half (15) were issued to risk standards
- 19% (8) were for Determinations, and
- 7% (3) were for Approvals in Principle

Of the Certificates of Compliance issued to risk standards, 63% (10) contained an exclusion for drinking water as a regulatory control to address groundwater contamination.

The breakdown of the submissions by instrument type is consistent with those observed in 2018.

Screening Notes

The screening issues most commonly identified have remained consistent and the most common questions/clarifications requested by screeners refer to the following;

Detailed Screening Tab

- 22a Are the risk controls listed on Schedule B of the CofC, the PVP and the SoSC consistent, with all risk controls included in all documents?
- 26 Do instrument substances correspond with CSR Schedules?

Summary of Site Condition Tab

- 4.4a Has "other" been selected, and are clear details on what has been applied provided?
- 4.4b Is sufficient information present in the SoSC to determine if appropriate attenuation factors have been used and do they agree with the conditions on the instrument?
- 4.4c Do the conditions make sense and are they consistent with site use?
- 4.5a Are substances listed correctly?
- 4.5b Are substances spelled correctly?
- 4.6e if the site has been classified a high risk site: what are the high risk site conditions

Technical Review Committee Updates:

During the June 2019 Workshop, the committee asked for potential research topics. A number of topics were anonymously suggested by members, the committee would like to seek further clarification on the following three topics:

- Leachate test results assessment.
- PHL metabolite assessment.
- Consistency in regulations and supporting documents.

If you suggested any of these topics can you please provide additional information as to what aspects of these topics you would like considered. Information can be provide directly to the committee, society or anonymously.

Many TRC projects have deliverables that are posted on-line for easy access – this is where they are located on the CSAP website: <https://csapsociety.bc.ca/members/professional-development/technical-studies/>

Membership Updates:

A reminder to those who are due for membership renewal December 31, 2019 that at least one CSAP submission is needed before that date and also a record of 150 PD hours in order to complete the renewal process along with proof of insurance and that you remain a member in good standing of your parent organization. Refer to Appendix 9 of the CSAP Membership Guidelines for specific details on the CPD hour requirements. PD hours shall be submitted through the online submission manager.

The CSAP exams were hold the week of Nov 4-8th.

8 Numerical candidates, 11 Regulatory candidates and 3 Risk candidates wrote the exam this year, and nine of the candidates took the exam for the first time.

Salute to retiring CSAP member Laura Koch

Laura has been a Numerical AP since May 2005, and stepped down as a CSAP member in August 2019. She was an active member of CSAP:

Membership Committee from 2012 to 2016

PD Sub-Committee from 2014 to 2016

Laura will be greatly missed.

Professional Development Updates:

CSAP's Fall PD Workshop – One to Remember!

My oh my! Wasn't this year's Fall Professional Development Workshop something to remember? We used our cell phones to experience Q & As in a new light, and learned a whole heap of info on:

- PFAS (thanks to Ian Mitchell!)
- CSAP guidance on soil vapour assessment (thanks to Parisa Jourabchi!)
- The difference between "sensitive" and "typical" sediment sites (thanks to Christine Thomas!)
- Emerging issues on soil relocation (thanks to Jeff Taylor and Mike Geraghty!), and
- Risk management decision making (thanks to Beth Power!)

Danielle Grbac provided updates from the Land Remediation Section of the ministry, and we had an excellent presentation on risks to BC posed climate change, courtesy of Tina Neale of the Climate Risk Management group in ENV.

In keeping with our theme on remediation and sustainability, special thanks to our guest speaker, Yvo Veenis, who provided several interesting case studies of remediation projects in the Netherlands, and presented a summary of the history and evolution of contaminated sites regulation and remediation in that country. Beth Power summarized her take on the evolution of risk assessment and risk management in BC, and Erin Robson then pulled together a summary of similarities and differences between the Dutch and BC approaches to contaminated sites.

We wrapped up the day with a panel discussion on sustainable remediation. Thanks so much to our panel members: Yvo Veenis (Groundwater Technology NV), Erin Robson (SLR Consultants), Brenda Hatch (BC Hydro), and Alan McCammon (ENV), who provided their thoughtful insights on this topic. As we enter an era of change, let's be cognizant of where we are today and how we got here, and where we want to go in the remediation of contaminated sites in the future!

All the best to all participants!

INDUSTRY Events

List of Potential Professional Development Opportunities

- 1) Assessing and Communicating Risk for Toxicologists and Risk Assessors, 2019
 - a. November 5-8, Vancouver Convention Centre
 - b. <https://www.stcweb.ca/en/riskworkshop2019.shtml>
 - c. Cost is between \$1,495 and \$2,295 depending on how many days attended.
- 2) Geoenvironpro talks weekly, every Wednesday at 10:00am - free
 - a. Sign up to the mailing list to be advised of upcoming topics:
<http://geoenvironpro.com/gprotalks/>
- 3) EGBC Website
 - a. <https://www.egbc.ca/Practice-Resources/Professional-Development/Professional-Development-Offerings>
 - b. Has a list of PD Offerings, something going on every day!
 - c. Varying levels of applicability to contaminated sites
 - d. Examples: Pilot Plant Mine Water Treatment, Conflict Resolution, Technical Writing, time management and others

- 4) Salish Sea Ecosystems Conference, April 19-22, 2020 at the Vancouver Convention Centre Vancouver, BC
 - a. PNW-SETAC is organizing a session for the conference: The Environmental Toxicology and Chemistry of the Salish Sea Ecosystem. Abstracts are due Nov. 1, 2019
 - b. <https://ssec.confex.com/ssec/2020/cfp.cgi>
- 5) 29th Pacific Northwest SETAC Annual Conference, February 27-29, 2020 at the Kitsap Conference Center, Bremerton, WA
 - a. <https://pnw-setac.org/meetings-and-events>
 - b. Every year, PNW SETAC holds a three-day conference in spring or early summer. Locations vary throughout the region, but are usually in Washington or Oregon, and occasionally in Idaho or British Columbia, Canada. Conferences typically include a special session, workshop, and/or short course on the first day, followed by a full day of sessions on the second day and a half-day of sessions on the third.
- 6) Urban Development Institute – Contaminated Sites Seminar – November 28, 2019
 - a. <http://udi.memberzone.com/events/details/udi-seminar-contaminated-sites-1529>
 - b. Technical Update on contaminated sites including:
 - i. Contaminated Site Redevelopment
 - ii. Site profile requirements under the Environmental Management Act
 - iii. “Freeze” and “release” powers of the Provincial regulator in relation to municipal permit issuance in the context of contaminated site redevelopment
 - iv. Purchase of Contaminated Sites - Contractual Protections for home builders
 - v. How to manage relations with CSAP and the Ministry of Environment and Climate Change Strategy
 - vi. Updates from CSAP's President (Tony Gillett)
- 7) Working Effectively with Indigenous Peoples – November 19, 2019, 9am to 4pm
 - a. <https://www.chinookmarketplace.com/collections/training/products/working-effectively-with-indigenous-peoples-vancouver%C2%A0>
 - b. “Indigenous issues like land claims and self-government represent some of the biggest change, challenges, risks and exciting opportunities for organizations today. With some tried and proven approaches, individuals and organizations can position themselves to take advantage of the major change underway in Canada now. We provide a review of historical events and their relation to the present economic environment; explore critical issues of taxation, housing, and education; show how working with Indigenous Peoples can enhance your career and business, and help you understand cross-cultural perspectives.”

If you have knowledge of technical events that may be of interest to members, please send the event title and date to Travis Deeter (tdeeter@thurber.ca) who is tracking PD events for the membership.