

CSAP Members Update Summer 2015

President's Message

Thank you very much for taking the time to read the CSAP summer update. I would like to take this opportunity to welcome our new board members; Scott Steer, Andrew Sorenson and Peter Reid. It is always great to get new members on board and the turnover allows for new points of view and enthusiasm (they need time to get jaded). The CSAP Executive and the various Committee Chairs have been selected and are as follows:

Executive

Secretary – Ross Wilson, R.P.Bio., CSAP Risk AP

Vice President – Colin Dunwoody, P.Eng., CSAP Numerical AP

President – Robin Jones, P.Eng., CSAP Numerical AP

Committee Chairs

Jim Malick, P.Ag., R.P.Bio., CSAP Numerical AP – Governance Committee

Reidar Zapf-Gilje, P.Eng., CSAP Numerical and Risk AP, Performance Assessment Committee

Andrew Sorensen, P.Eng., CSAP Numerical AP, Professional Development Committee

Peter Reid, P.Eng., CSAP Numerical AP, Technical Review Committee

Colin Dunwoody, P.Eng., CSAP Numerical AP, Discipline Committee

Scott Steer, R.P.Bio., CSAP Risk AP, Membership Committee

I would encourage anyone who is interested in getting involved with CSAP to contact any of the above Chairs or Catherine and see if there is an opportunity to contribute.

We are currently working on several initiatives including some that were brought up by our membership on the AGM 2015 Members Survey. As was recommended by a CSAP member we will be looking into establishing a brownfields funding program that would assist eligible site owners with the CSAP fees and will hopefully play a part in allowing sites previously viewed as being undevelopable due to startup costs to be developed into sites that contribute to their communities. In addition we are working on establishing a CSAP advisory council that we hope will assist APs to gain others opinions with respect to more complex technical or regulatory issues or issues that are in more of a grey area. The membership gave the council an 86% “in favour” rating at the AGM. We feel this could be a significant help to APs that may be the sole AP in their firms and will allow APs to proceed more quickly in processing applications for more complex sites.

I hope you all have an enjoyable summer and make sure you take time to enjoy our wonderful province.

Robin Jones, President

Committee Updates

Performance Assessment Committee – Chair, Reidar Zapf-Gilje

The PAC would like to remind members that where required as per Table 2 of Protocol 6 (P6), pre-approval must be obtained, or the submission is ineligible for instrument application under P6.

SLRA Submissions

Submitting APs need to ensure to understand the precluding conditions before making a submission. The contact person for SLRA at the MoE is George Szefer.

Practice Guidelines (Appendixes A to F)

PAC would like to remind everyone that the Practice Guidelines are now available in a fillable form format at [<http://csapsociety.bc.ca/members/practice-guidelines/>]. It is recommended that Submitting APs use the Practice Guidelines (Appendixes A to F) and include the completed checklist with their submission.

Lessons Learned – Performance Assessment

When you are conducting a soil vapour assessment, the current and future use scenarios must represent a realistic future use scenario. The table below indicates the required level of soil vapour assessment for each land use.

Land Use	Indoor	Outdoor	Notes
Agricultural	Not required if no building	Required	For example farm without building
Urban Park	Not required if no building	Required	For example park without building
Residential	Required for the type of building contemplated at the site	Required	For a residence
Commercial	Not required if no building	Required	For example parking lot
Industrial	Not required if no building	Required	For example parking lot

In certain instances, municipalities require land to meet RL standards for roadways. In these instances the applicable standard for a roadway is IL. The appropriate COC therefore, would be for IL use with outdoor ambient air scenario. A COC for RL use can only be obtained if the soil vapour also meets the indoor ambient air standards. Alternatively, a separate AP letter can be provided to the municipality confirming soil concentrations meet RL standards.

Lessons Learned – Detailed Screening

Several recent submissions have been returned to the Submitting AP's for clarifications regarding the information contained in Section 4.2 of the Summary of Site Conditions with respect to the applicability of DW standards at the Site.

The information contained in Section 4.2 should be sufficiently clear such that the reader can identify the technical rationale as to why the DW standards do not apply at your Site. Please insure that the information in the SoSC clearly supports a TG6 and/or P21 determination.

Should your arguments not meet the guidance/protocol for a determination that DW does not apply and the information provided represents a "weight of evidence" approach, approval must be obtained from MOE.

Currently the ministry is still reviewing the SoSC's for all P6 applications where a decision of no DW use has been made for groundwater. Staff are checking the adequacy of the decision basis indicated in the SoSC and follow up directly with the APs when they find a problem.

The responsibility to insure that sufficient information is present will be fully migrated to CSAP for this review in the near future and forms part of the Detailed Screening process.

[Professional Development Committee – Chair, Andrew Sorensen](#)

Upcoming CSAP PD Webinars

Members should note that we have established the dates of the six upcoming webinars for 2015-2016. The dates are Sept. 29th, 2015; Nov 12th, 2015; Jan 13th, 2016; Feb 23rd, 2016; Apr 7th, 2016 and May 12th, 2016. We have several suggestions from the members on upcoming webinar topics and the Professional Development (PD) Committee will be reviewing and prioritizing these suggestions. If you have additional suggestions that you would like to put forward please send them to CSAP directly or contact a member of the PD Committee.

"The webinar on Sept. 29th, 2015 will address lessons learned from the Detailed Screenings (DSs) conducted to date and changes to the DS process. The DSs will be required to ensure that, other than issues requiring MOE discretion, unresolved issues will no longer be forwarded to MOE and will instead be forwarded to the PAC in cases where no resolution of these issues can be reached. This may involve the cracking of the reports by representatives of the PAC. A complete review of the process will be provided at this webinar and those actively making submissions will likely benefit from this webinar."

Technical Review Committee – Chair, Peter Reid

The Technical Review Committee is busy with the research projects presented at the AGM, a review of the new Protocol 5 by a Working Group of Stakeholders led by CSAP, the recent release of the new practice guideline review spreadsheets and our latest project to launch, a review of like organization worldwide. We plan to present the review of like organizations at the Fall PD Workshop on Oct 28th.

Please start using the [practice guidelines](#) when completing your reviews and provide feedback which we will use to improve the guideline. We are looking forward to a busy year reviewing and providing comments on the new CSR regulation.

Ministry Clarification:

Contaminated Sites Borehole Logs now on DataBC

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 at Lavinia.Zanini@gov.bc.ca or Janet Barrett at Janet.Barrett@gov.bc.ca.

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.

Events

SABCS 5th Annual Workshop on Contaminated Sites September 23, 2015

Current Approaches to Site Assessment and Application of Monitored Natural Attenuation in Oil and Gas Sites. [Registration now open](#), more [information](#).

CSAP PD Webinar Sept. 29th

Understanding the PA and detailed screening process, login direction will be sent to members Sept. 28th.

CSAP Fall PD Workshop Oct 28th, Save the Date:

The Fall PD Workshop will take place on October 28, 2015. The focus this year is expected to be on groundwater given the upcoming changes to the CSR, including Protocol 5, and the impending Water Sustainability Act. We also anticipate an update from the Ministry on the progress of the omnibus changes to the CSR. Agenda to follow.

CSAP Reminder

CSAP members are reminded to observe best practices in all communications including email and social media. Although email is often considered to be private communication, it is not secure unless it is encrypted, and is more analogous to sending an open postcard which many eyes can see and distribute. In general, don't write anything in an email that you wouldn't feel comfortable saying out loud in public, while wearing a name tag that includes your name, phone number and company."