

MEMBERS UPDATE – Fall 2020

Message from the President

CSAP continues to carry steadily on through the pandemic. Workload for the Society and for our industry as a whole, has been relatively stable but layered with variation and uncertainty. We have all had to make adjustment during these trying times but our community is resilient and experienced at facing challenges. Thank you to our Executive Director, Catherine Schachtel, and staff (Nelly Pomareda, Anna Popova, and Raquel Damecour) for keeping the boat steady through such turbulent times. As you know, we have a new Board of Directors. Thank you to the outgoing directors and all of their contributions. The new slate of directors for CSAP and their committee assignments are as follows:

Elected Directors		Appointed Directors representing	
President	Duncan Macdonald	Ministry Rep	Vincent Hanemayer
VP & Secretary Treasurer	Tara Siemens Kennedy	Municipal Government	Christiaan Iacoe
PD Committee Chair	Guy Patrick	Industry	Denise Mullen BC BC
Membership Chair	Patty Carmichael	The Public	Tony Crossman LLB
Governance Chair	Trish Miller		
TRC Chair, CAB Rep	Christine Thomas		
PA Committee Chair, EGBC Rep	Chuck Jochems		
Discipline Chair, BCIA Rep	Jason Wilkins		

The CSAP Society will do our part in maintaining connection in our community through committee work, professional development events, and stakeholder outreach. I am hoping you all stay safe during the coming months; with all the challenges it may bring.

All the best,

Duncan Macdonald

Performance Assessment Committee & Detailed Screening Committee Updates

The PAC provides the following comments based on lessons learned from performance assessments:

Arm's Length AP Reviews

For performance assessments conducted on submissions requiring an arm's length review (*see the CSAP Rules at <https://csapsociety.bc.ca/wp-content/uploads/CSAP-Rules.pdf> for when an arm's length review is required*) the approved professional(s) is expected to remain arm's length during the performance assessment. To confirm the arm's length review status, the approved professional (s) should provide a cover letter indicating that they have reviewed the Additional Information Addendum prepared in response to PA Stage 1 PA Panel comments; and, agree with the information presented.

Boundaries of a Site

A recent performance assessment considered application for a Certificate of Compliance for a large property in which CSR Schedule 2 activities had only occurred within a small portion. AECs and COCs were limited to the areas of Schedule 2 activities, hence investigation and remediation were focused on these areas. The panel noted that both presence and absence of contamination are expected for investigation to qualify for legal instruments. Therefore, to qualify for a Certificate of Compliance for the Schedule 2 use areas and the rest of the property, investigation of the entire legal parcel area would have been expected to satisfy the ministry that there is no likelihood of contamination elsewhere on the larger parcel of land. ENV provided the following comments which supported the panel's assessment: *"Where one is seeking a CoC for a large property such as this one where the Schedule 2 use occurred within a small footprint of the property it's best to seek an instrument for the metes and bounds of the Schedule 2 use to avoid having to investigate the remainder of the property to a level that would satisfy the director that there is no likelihood of contamination elsewhere. This is because the presence of contamination is not contingent on a Schedule 2 use but when a director issues a CoC it confirms an absence of contamination or satisfaction of risk-based standards for any residual contamination that may be present."* Note that a Protocol 6 director's approval to obtain a CoC for a part site is required. The relevant ENV documentation is Procedure 6. Establishing the Boundaries of a Site.

Fuel Spill Cleanup

A recent performance assessment considered application for a Certificate of Compliance for a fuel spill on a property caused by a third party. Background metal issues in soil and water were identified but did not require consideration via pre-approval under Protocol 6 providing the documentation prepared to support application for a Certificate of Compliance (metes and bounds for the spill area) showed that these substances were unrelated to the spilled material.

Similarly, backfill of the remedial excavation with native soils containing metal concentration similar to the in situ concentrations measured in the base and side wall samples of the excavation was permitted without pre-approval as long as sufficient documentation was provided supporting that the elevated metals are natural/background.

Although the spill occurred entirely on one property (i.e., there was no off-site migration), appropriate Administrative Guidance 11 communication between the landowner and the responsible party needs to be included with the submission package.

Technical Review Updates:

Currently the TRC has two active projects:

Arsenic in Soil Background Assessment

As a result of the Stage 10 Amendments, practitioners identified that arsenic in soil was now becoming a challenge to manage at their sites. This issue was communicated to BC ENV and they asked CSAP to collect some more information on the issue. Over the summer the TRC polled our members to collect some more information on this issue (e.g., locations, cost implications, effect on schedules, etc.). Results of this survey were shared with ENV and the next step was to hold a workshop with ENV and a few CSAP members to discuss the information and identify next steps. The workshop was scheduled for this fall; however, it has been postponed until after the election when ENV can participate.

CSAP Guidance for Assessment of Soil Vapour and Ambient Air Phase 3

The first phase of this project was conducted in 2018 and involved the identification of 22 topics that CSAP practitioners and ENV identified as benefiting from some further guidance. Of the 22 topics, nine were selected to move forward for guidance development. During the second phase of this project, four of the topics were selected for guidance development, which culminated in the document titled, CSAP Guidance on the Assessment of the Soil Vapour to Air Pathway. This document was finalized in August 2020 and is currently published on CSAP's web site (see link below). The third phase of the project will involve addressing the remaining five topics that were identified earlier. An RFP will be released shortly for those interested in being involved in developing the guidance.

TRC documents completed over the past year include:

- PFAS Guidance Document (January 2020)
- CSAP Petroleum Hydrocarbon review (August 2020)
- CSAP Guidance on the Assessment of the Soil Vapour to Air Pathway (August 2020)

Copies of these and previous TRC project deliverables are posted online for easy access and can be found at this [link](#).

If you have any suggestions for a topic that the TRC could tackle, please contact [Christine Thomas](#), Chair of the TRC.

Membership Updates:

For 2020/2021, the Membership Committee will be looking at:

- Revising the framework for tracking and recording Professional Development hours
- Aligning bylaws and rules with the updated [Membership Guidelines](#)
- Identifying scenarios in which a member may be considered "inactive" due a leave of absence etc. vs not being in good standing
- Establishing grace periods before notifying ENV regarding members not in good standing and removal from the roster

At the October AGM it was announced that Bob Beck retired from CSAP in May 2020. An additional three members have retired from CSAP this year:

- Philip Lowery – May 2020
- John Lambert – June 2020
- Michael Guther – August 2020

Thank you for your participation in CSAP and we wish you all the best.

On a different note, we would like to welcome Gavin Leung as a new member as of August 2020.

The Exam Development Workshops were successful and held safely in person. The Numerical and Regulatory Exams will also be held in person with the same COVID safety measures in place on November 3rd and 4th, respectively. Currently there are five examinees slated to write the Numerical Exam and four to write the Regulatory Exam. Good luck to all the examinees!

Professional Development Updates:

The Professional Development Committee of CSAP is pleased to announce that this year's annual Fall Professional Development Workshop will be held virtually over two mornings on November 12th and 13th, 2020. The agenda promises to be engaging and informative. On November 12th, in addition to updates from CSAP (e.g., lessons learned from the Performance Assessment Committee and from Detailed Screeners) we'll hear updates from the ministry and the latest from the BC Environmental Laboratory Technical Advisory Committee. On November 13th, our workshop theme centres around municipal perspectives on contaminated sites. We'll explore some of the requirements and permitting processes of some of the larger municipalities, and gain a better understanding of municipal perspectives and issues around contaminated sites. Finally, we'll open things up to get valued feedback on resolving issues that sometimes arise among APs, municipalities and other stakeholders around contaminated sites. Please [register here](#).

Webinars

We haven't forgotten about useful and practical webinars for our members. We are working on these within the next few weeks/months:

- P2 – Site Specific Standards

If you'd like to view past webinars, simply go to our website and view their recordings [here](#). If you have an idea for a webinar, please email csapcommunications@csapsociety.bc.ca.

Industry Events

List of Potential Professional Development Opportunities

Fall PD Workshop – CSAP

- November 12-13, 2020
- 3hr/day, free for members
- CSAP updates and lessons learned, ENV updates, and municipal perspectives on contaminated sites.

Technical Writing For Professionals – Natural Resources Training Group

- November 23-24, 2020
- 7hr/day, \$500
- To improve the quality of technical writing by engineers, scientists and technicians. Technical Writing for Professionals equips students with hands-on tools to create technical writing which is more engaging, compelling, and persuasive.

Bettering Environmental Stewardship & Technology Conference – BCEIA

- October 28-29, 2020
- 3hr/day, \$0 – \$50 (member dependent)
- Two-day virtual workshop with a variety of speakers and presentations focusing on environmental stewardship.

Conducting Business During a Pandemic – EGBC

- Available anytime at no cost to EGBC members.
- A one-hour online video examining key project areas affected by the pandemic.

Stress Management – EGBC

- November 10, 2020
- 5hr, \$450
- One-day course focusing on the root causes of stress in the workplace and pragmatic techniques to aid in stress management.

Contaminated Soil and Groundwater Assessment and Remediation – EPIC Training

- November 18-20, 2020
- 7hrs/day, \$1,995
- Three-day online course focusing on a general overview of the environmental assessment, risk assessment and remediation of contaminated sites.

New Approaches in Remediation of Contaminated Sediments – Northwest Environmental Training Center

- November 17-18, 2020
- 8hrs/day, \$695 USD
- Two-day course reviewing conventional and emerging technologies for remediating contaminated sediments.

Contaminant Vapor Migration and Intrusion – Northwest Environmental Training Center

- November 17-18, 2020
- 8hrs/day, \$695 USD
- This two-day course includes an overview of key chemistry concepts associated with environmental contamination and provides a foundation for understanding contaminant fate and transport.

Fundamental Contaminant Chemistry in Soil and Groundwater – Northwest Environmental Training Center

- December 7-10, 2020
- 4hrs/day, \$695 USD
- This two-day course includes an overview of key chemistry concepts associated with environmental contamination and provides a foundation for understanding contaminant fate and transport.

Contamination Seminars – Clean-Up Information (CLU-IN)

- Weekly & Archived
- 2hr, Free
- International webinars presenting case studies, best practices, risks, policies, and procedures around the world for contaminated site topics
- Many are US-focused, but technically-focused enough to be useful

Remediation Case Study Webinars – Regensis

- Weekly & Archived
- Free
- Mostly focused on products and case studies of various remediation sites

Environmental Science & Engineering Webinars – Geoenviro

- - Weekly & Archived
 - Free
 - Various environmental science and engineering topics and case studies
 - Accessible archived presentation with a subscription fee

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