

CSAP Members' Update Fall 2023

Message from the President

Last year, there was lots of change in our world with a new Executive Director at CSAP and a new Acting Director at ENV. This fall has been a little more routine on the operations front. This is thanks to the hard work behind the scenes by Anna, Nelly, Dana, and our Executive Director Patricia. It's been a year since Patricia joined us and I can safely say she has proven to be an excellent fit and we were very fortunate to find her.

Congratulations to Carrie Nugent for officially being named the Director of the Land Remediation section — no more “Acting.” In the past year, the CSAP Board and ENV leadership team have re-established our co-operative and positive working relationship. She and her team are juggling a lot of initiatives and priorities (soil relocation, climate change, housing, and so on) and we will continue to provide our support as needed.

We have our annual Fall Workshop on November 1 and I hope to see many of you there (and at the happy hour afterwards).

Ministry Updates

The ministry has had a very busy summer and fall, with several ongoing projects reaching major milestones over the next few months.

Engagement on proposed changes to Phase 1 of Protocol 19 is tentatively scheduled for December. Drafting of Phase 2 of the protocol continues and further opportunities for consultation will be announced via [Site Remediation News](#).

The Intentions Paper for ‘Making Contaminated Sites Climate Ready’ is being finalized, with consultation expected to start soon. A [Site Remediation News](#) announcement will be made when the paper is available on the [GovTogetherBC](#) website. Public consultation webinars and Indigenous engagement will take place this fall and may extend into early winter 2024. The feedback received will be considered as the policy development advances and potential amendments to the *Environmental Management Act* are identified.

The ministry is also conducting a fee review. While fees have been amended a few times since the cost recovery provisions were introduced, the last review was in 2007. Since that time, there has been an increase in demand for site remediation services and an increase in resourcing needs to appropriately manage service applications. The review team is developing a Discussion Paper and will be hosting engagement sessions this fall.

Results from the survey ‘Shaping the Future of Site Information Request’, which CSAP members completed, have been tallied and analyzed and the ministry thanks everyone who took part. The team is looking forward to presenting some of the results at the CSAP Fall PD Workshop.

With the recent staffing increase, Land Remediation has succeeded in further decreasing the application queue and continues to address applications on a first received – first reviewed basis. All housing data captured from contaminated site service application forms is shared with the Ministry of Water, Land and Resource Stewardship, who are administering the provincial housing priority. An implementation strategy for prioritizing CS applications related to housing developments (~25% of total applications) is still being considered; however, in the meantime, all applicants are able to take advantage of reduced queues.

The [Site Remediation Services web application](#) (SRS) was released this past August. Further updates to this contaminated site service application portal will be added soon to increase functionality and allow for bundling of forms, which will ultimately improve efficiency with all submissions. Looking forward, applicants with a [BCeID](#) account will be able to fill out all of the required forms (e.g. CSSAF, SRCR, SoSC etc.) and upload supporting documents (e.g. DSI, COR, PVP etc.). Real-time status updates will be automated to help applicants with project planning. An announcement via [Site Remediation News](#) will be made in advance of the next release.

Contaminated site certifications such as determinations, certificates of compliance, approvals in principle etc. are just one category of provincial ‘permit’ that may be required in support of housing projects. In addition to the improved efficiencies both ministry staff and applicants will experience using the new SRS web application, for applicants seeking permits that are related to a housing development, the Province has created the [Single Housing Application Service](#). Register for this service and a Housing Navigator will contact you to provide guidance and help with all provincial housing permit applications.

Finally, in an effort to increase clarity and consistency of application, the ministry provides the following explanation regarding the requirement to submit a Site Disclosure Statement and the intent of the CSR exemption Section 4.2(2)(c.2).

The intention of the site identification process is to ensure properties with specified industrial or commercial uses (CSR Schedule 2 uses) are identified, investigated, and remediated upon decommissioning or ceasing operations and prior to redevelopment for a new use. Exemptions to the requirement to submit an SDS generally apply to upgrades or improvements that may be desired on properties with active Schedule 2 uses. Exemption 4.2(2)(c.2) is intended to allow for upgrades such as footings for a gas station canopy, installing EV charging stations on a concrete pad, installing Quonset huts etc. and is not intended to exempt redevelopment projects from the site identification process.

Site Remediation updates and announcements will be made through our [Site remediation news](#) email subscription service.

Performance Assessment Committee and Preliminary and Detail Administrative Screening Committee Updates

Please note that Detailed Screening completed by CSAP does not include reports that support applications for Certification Documents. Of late, SDMs at ENV have noticed quality issues in

some submissions. In one circumstance, ENV requested the Submitting AP do a re-submission because of this issue. If making a Protocol 6 submission, quality of the Submission is the responsibility of the Submitting AP(s).

CSAP expects cooperation with members when conducting PAs and completing screening, both administrative and detailed. In cases where APs are not responsive or choose to overlook requested information, CSAP will exercise its right to issue cautionary letters to APs, such that outcomes from making submissions are taken seriously and APs act in a professional manner.

Please note that the Performance Assessment panel (PAP) member RFQ will be issued by CSAP in the coming weeks. Be on the lookout if you wish to apply.

A summary of previous PAC Updates is available [here](#).

Screening Updates

Preliminary Screening

Please remind your clients that they SHOULD NOT send ENV fees' cheques for P6 submissions directly to the Minister of Finance. It causes confusions and delays.

Detailed Screening

We continue to see fewer issues identified during Detailed Screenings and an increased frequency in the number of submissions with no issues identified. In addition, there has been less subsequent follow-up from ENV on submissions they have received, and most of the follow-up that is received is for items that are beyond the scope of a Detailed Screening (e.g., information included in reports). While this is great news, there are still a few common errors and omissions identified during Detailed Screening (e.g., spelling of substances per the BC CSR) — these common errors and omissions will be reviewed at the November 1 PD Workshop, so be sure to attend!

We have been made aware that not all members are aware of the requirement to include communication records in the list of Documents in Schedule D of the Certification document, as well as in the document list in the Summary of Site Condition (SoSC). This requirement is listed on the ENV webpage [Approved Professional drafts and cover letters](#) which states that the document list must include all technical reports, the SoSC, performance verification plans, communication records, preapprovals under Protocol 6 and any other authorizations, approvals, or director's decisions that may be applicated to the contaminated site.

Review Services Committee Updates

CSAP, through the RSC, reviews annual reports and similar documents that are typically produced to satisfy Director's requirements located in Schedule B instrument conditions.

Just a reminder that the RSC doesn't review annual reports associated SDS related Scenario 3 release requirements and that those types of reports should be submitted to the Site Identification group at ENV (SiteID@gov.bc.ca).

We encourage all practitioners to familiarize themselves in regard to which types of applications are required to be sent CSAP (vs. ENV) via the [RSC webpage](#).

Last year the majority of submissions reviewed by the RSC were associated with AIPs that had been issued in the past two to three years. The details required in an AIP annual report are specified in in Schedule B (which are in regard to remedial progress updates and progress against the Remedial plan schedule) and we encourage submitters to directly speak to those requirements in reporting to avoid CSAP clarification questions during the review process.

Technical Review Committee Updates

The TRC has several projects currently underway:

Protocol 2 and Development of Site-Specific Standards: Use of Groundwater Protection Model

– The purpose of this project is to raise awareness to practitioners on the potential use of the Groundwater Protection Model under Protocol 2 by preparing a presentation and written summary that can be used as a reference for practical use of Protocol 2. The project is expected to be completed in November and a presentation to members is scheduled as part of the upcoming CSAP Fall PD Workshop on November 1.

Shallow Vapour Attenuation Factors – This project was split into two stages. Stage 1 was developed in response to the issues that practitioners have been having with the requirements associated with Protocol 19. To address these concerns a review was conducted that included: soil vapour issues in relation to appropriate vapour attenuation factors for receiving sites; criteria for determining when soil vapour investigation is required; and equilibrium requirements when conducting soil vapour sampling of soil stockpiles. The purpose of the review was to bring together information and analysis that will lead to an improved understanding of these issues. A draft of this memo was reviewed by the TRC and then forwarded to ENV for review and consideration on September 18. Stage 2 is due on December 19 and will include a discussion of methods for addressing vapours when groundwater is near to or in contact with building foundations. A presentation to members will follow once the draft report is substantially complete. This project is being conducted by MEMS, Arcadis, and Hers Environmental.

A Framework to Assess Climate Change Impacts on Contaminated Sites in BC – CSAP has developed a guidance document to support practitioners in assessing potential climate change impacts on contaminated sites in BC. Currently there is no legislative or regulatory requirement under the provincial government to conduct climate change assessments; and therefore, no provincial guidance has been developed yet. However, clients and stakeholders are starting to request climate change assessments. Therefore, this framework provides tools for practitioners to consider climate change hazards during site investigation and risk management of contaminated sites. The intent of the document is to provide practitioners with useful tools and

a framework to use when conducting a climate change assessment. The framework aims to identify the climate change hazards most likely to affect a contaminated site based on its location and site characteristics, evaluate the potential impacts of those hazards, and conduct a climate change vulnerability assessment for a given Site. This document was developed by Core6 and is now available on the CSAP website [here](#).

If you have any suggestions for a topic that you would like the TRC to tackle, please send your ideas to TRC@csapsociety.bc.ca.

Membership Committee Updates

The Membership Committee welcomes three new members: Mandeep Purewal (Chair) of AtkinsRéalis, Ben Lin of Keystone Environmental, and Jeroen Wauters of Next Environmental. Thank you to both our existing committee members and those who have served in the past for their efforts throughout the year.

The Membership committee is currently reviewing Continuing Professional Development (CPD) reporting requirements, with a focus on ways to streamline the process to better serve our members.

The Exam Sub-Committee has conducted this year's Technical Oral Assessments for both Risk and Numeric. The Regulatory Exam is scheduled for November 7 with pre-exam workshops already having been completed. We extend our appreciation to all the content developers and panel members for their dedication and hard work.

Lastly, a reminder all PD hours for 2023 must be submitted by December 31, 2023.

Professional Development Sub-Committee Updates

Fall PD Workshop

Our [annual fall event](#) is now less than a week away, on November 1 at the Vancouver Convention Centre West. Have you registered yet?

If you haven't registered, don't miss out on what is shaping up to be a fabulous day of presentations and networking. To those who have registered, we can't wait to see you next week.

This year's sessions include:

- **Lessons Learned** from the Performance Assessment Committee and Detailed Screening Sub-Committee
- **P2 SSS Groundwater Protection Model** with Erin Robson, P.Eng., CSAP & Ilya Biniowsky, P.Geo., SLR Consulting
- **Indigenous Engagement and Consultation** with Indigenous Community for Leadership and Development Group

- **Director’s Update** with Carrie Nugent, Director, Land Remediation, Ministry of Environment and Climate Change Strategy (ENV)
- **ENV Fee Review Project Update** with Olivia Bancroft, Environmental Economist & K’ari Fisher, Policy Analyst, ENV
- **CSAP Submissions 101** with David Mitchell, P.Eng., CSAP, Chair, Professional Development Sub-committee
- **Site Remediation Services Web App** with Kerri Skelly, Acting Manager Site Identification, Land Remediation, ENV
- **Break-out sessions SWOT Analysis: CSAP, Brownfield sites, Stage 14/Protocol 19, Sustainability, and Natural Resource Sector**, moderated by David Mitchell

In addition, upon request we’ve brought back the post-event happy hour. Join us after the workshop at Lions Pub, 888 Cordova Street (at Howe).

[All the details and the registration form are here.](#) See you there!

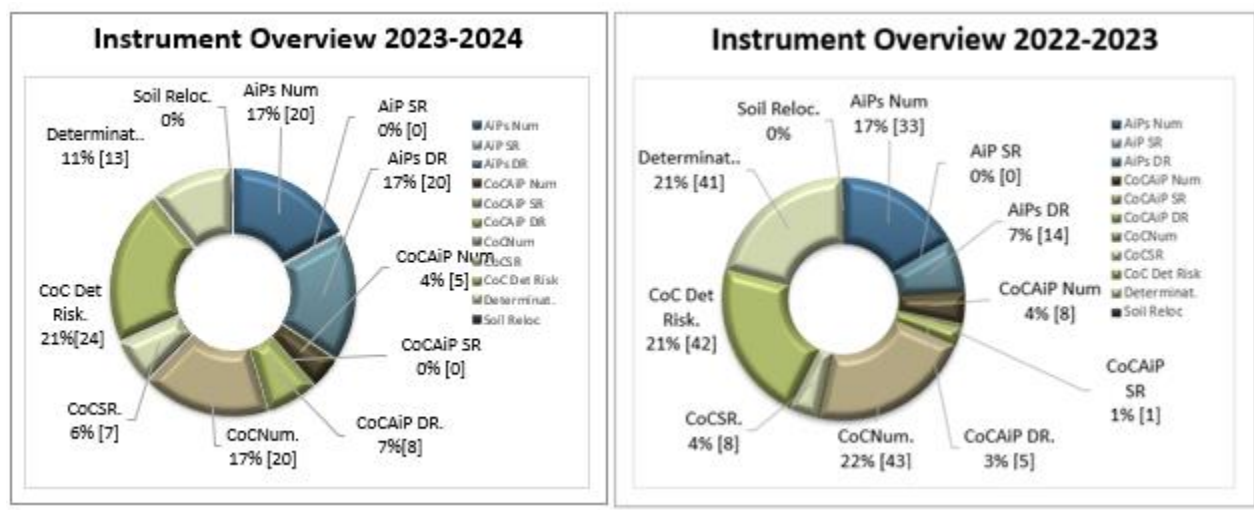
Lunch and Learns

On August 9 we hosted a Lunch and Learn session on P6 Approvals which was attended by 85 professionals. Find the recording [here](#). On September 13 we hosted a Members’ Open Forum along with ENV with close to 80% of our membership in attendance. As always, we appreciate your questions and feedback at these sessions.

Our final Lunch and Learn of 2023 is a Members’ Open Forum on November 22 at 11 a.m. In this session, PD Sub-committee chair David Mitchell will provide a brief update on ENV’s next steps regarding Protocol 19 and then the floor will be open for a dialogue about vapour and/or any other topics of interest.

An event reminder with the Zoom link will be emailed to all members the week prior.

Submission Statistics update (as of October 23, 2023)



What's new at CSAP

- Applications are now open for CSAP's 2024 scholarships for science and engineering graduate students whose studies are relevant to the assessment and remediation of contaminated sites. [More details are here.](#)
- Note it has been brought to our attention recently that fraudsters may be using the AP list from our website to send phishing emails that appear to come from fellow APs. A reminder to be extra vigilant and always check the email address, and not just the name, associated with any email that appears to be from a fellow AP. Do not click on any links that you are unsure of or provide any personal information.

Links of Interest

- [Shaunavon receives hefty sum for work on contaminated site](#)
- [Province, mining company in court battle over contaminated land in Sheet Harbour](#)
- [B.C. Business Summit 2023: B.C.'s Path to Prosperity: Clear Thinking About Our Economic Future](#)
- [Government's own modelling shows its CleanBC plan will dampen economic growth and set B.C.'s prosperity back more than a decade](#)
- [Output Based Pricing System Submission](#)
- [Net Zero Intentions Paper submission](#)
- [Income inequality has fallen for twenty years in Canada and B.C.](#)
- [Federal migration policy disconnected from housing supply reality](#)
- [Conversations That Matter with Stuart McNish: A Lost Decade Ahead for Canada](#)
- [Perspectives on Prosperity \(various blogs, papers, and op-eds\)](#)

If you have a link of interest, please forward it to csapcommunications@csapsociety.bc.ca.

Industry Events

- [GeoPro Talks: Using Decision Science to Gain Clarity and Insight for Complex Decisions](#) – November 1, 2023, virtual
- [Podcast Discussion: Women in Engineering and Geoscience Division](#) – November 2, 2023, virtual
- ["Remediation Now" Workshop: Soil management in BC – What now and where are we going?](#) – November 7, 2023, in-person (TBC) and virtual
- [Introduction to Hydrogeology and Groundwater Management](#) – November 17, 2023, virtual
- [Environmental Site Assessment and Remediation](#) – January 23 to 25, 2024, virtual
- [Application of Artificial Intelligence in Civil/Environmental Engineering](#) – February 21 to 23, 2024, virtual
- [Risk Assessment of Contaminated Sites](#) – March 19 to 20, 2024, virtual
- [Contaminated Soil and Groundwater, Assessment and Remediation](#) – April 2 to 4, 2024, virtual

- [Climate Adaptation Fundamentals Micro-credential](#) – Royal Roads, ongoing, virtual
- [Clean-Up Information website](#)
- [GeoEnviroPro](#)
- [Northwest Environmental Training Center](#)
- [Regenesis.com](#)