



SOCIETY OF CONTAMINATED SITES
APPROVED PROFESSIONALS
OF BRITISH COLUMBIA

ANNUAL REPORT

ADVANCING LAND REMEDIATION
+ ECONOMIC GROWTH



24
25



ABOUT US

The Society of Contaminated Sites Approved Professionals (CSAP Society) is an independent organization that is mandated by the provincial government, through the Ministry of Environment and Parks (ENV), to review environmental certification applications (submissions) made under the *Environmental Management Act* and Contaminated Sites Regulation and, more specifically, Protocol 6.

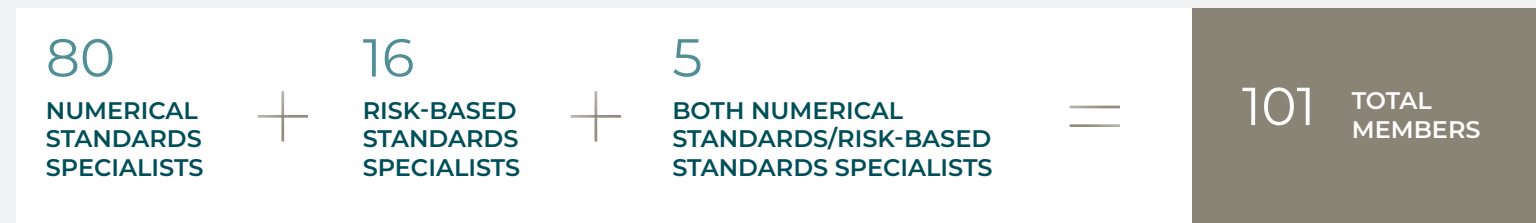
The purpose of CSAP Society beyond the review of submissions includes cooperating and consulting with other professional and scientific bodies, stakeholders, and local and provincial governments. Upholding and protecting the public's interest by ensuring the integrity,

objectivity, and expertise of members is important to CSAP Society.

In BC, ENV is responsible for regulations detailing safe and legal levels of soil and water contaminants. Members of CSAP Society are qualified to review all non-high-risk environmental certification applications to ensure these regulations are being met. They perform an important role for the government and for landowners by addressing potential contamination issues in a timely manner which helps advance redevelopment projects. All non-high-risk sites seeking an ENV Certificate of Compliance must be reviewed by a Contaminated Site Approved Professional.

CSAP SOCIETY AT A GLANCE

MEMBERSHIP BY SPECIALITY



As of March 31, 2025.

SUBMISSIONS PROCESSED UNDER PROTOCOL 6

Protocol 6: Eligibility of Applications for Review by Approved Professionals (APs), sets out the activities and recommendations that are required when making a submission on a non-high-risk site. The site risk classification is determined by completing a Site Risk Classification form.

Starting July 1, 2008, the CSAP Society began processing submissions under ENV Protocol 6.

QUALITY ASSURANCE

To achieve consistently high standards among APs, each submission receives a detailed administrative peer screening. Random audits are conducted on one in eight submissions. These audits, or performance assessments, provide valuable feedback to the AP, serve as a check on the submissions process, and form the basis for continuous improvement.

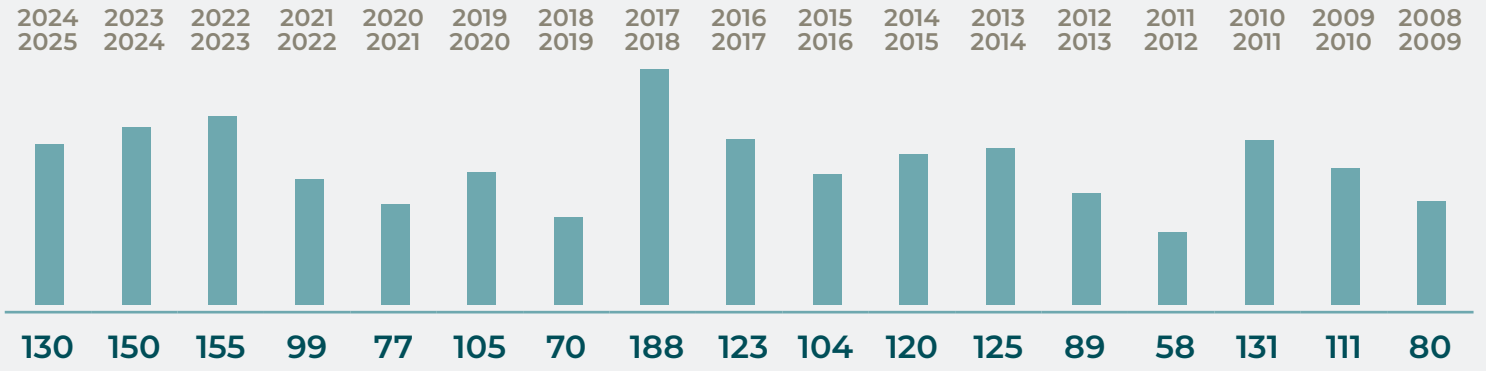
OUR VISION

CSAP Society, trusted professionals for sound environmental stewardship.

OUR MISSION

To serve government, the public, and industry by evaluating and advancing the practice and quality of contaminated sites management within BC's regulatory framework.

SUBMISSIONS PROCESSED ANNUALLY



BETTERING THE INDUSTRY

81
TECHNICAL REVIEWS COMPLETED

48
SPECIAL PROJECTS COMPLETED

As part of CSAP Society's commitment to bettering the industry, reviews of technical documents are undertaken at the request of ENV and stakeholders as well as internally generated. White papers and other projects designed to enhance our members' knowledge are conducted annually, the results of which are posted to the CSAP Society website.

Since CSAP Society's inception in 2008.

SUBMISSIONS RECEIVED BY SECTOR

	2024-25		2023-24		2022-23		2021-22	
Commercial	113	86%	135	90%	134	85%	83	84%
Municipality	6	5%	5	3%	7	5%	6	6%
Oil & Gas	5	4%	7	5%	7	5%	7	7%
Province of BC & Crown Corps	6	5%	1	1%	7	5%	3	3%
Miscellaneous	0	0%	2	1%	0	0%	0	0%
TOTAL	130	100%	150	100%	155	100%	99	100%

*Financial Statements available upon request.

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MESSAGE FROM THE MINISTRY



The Site Remediation Program (SRP) has had an eventful year since the April 2024 shift to the new Authorizations and Remediation Branch. This fiscal year has brought several more changes for the Program, including a new ministry name and a new Minister, the Honourable Tamara Davidson. Katherine Forge recently joined the Environmental Protection Division as Assistant Deputy Minister and Deb Epps is the new Executive Director for the Authorizations and Remediation Branch.

Application submission volume remained high in 24/25, in line with previous years. Data is summarized below. The higher ratio of applications completed to received is consistent, indicating a faster turnaround time and a shorter queue.

APPLICATIONS	TOTAL	AIPS	COC – NUMERICAL	COC – SLRA	COC – DRA	P/F- DETERMINATION	FOR RSC REVIEW
RECEIVED	280	36	48	15	60	45	74
ISSUED	297	41	49	17	61	49	74

Table 1. Number of applications with an AP recommendation and/or review received and issued in FY 24/25.

STANDARDS PROJECT

The Science, Standards and Risk Assessment Unit commenced work on the Contaminated Sites Regulation (CSR) Standards Updating Project this year. Section 68 of the CSR allows the Minister of Environment and Parks to consider recommendations from a director and conduct a review of the CSR's numerical environmental quality standards in a 5-year cycle. Drafting of the Standards Review Framework is in progress, and this Framework will provide a systematic method to describe how the ministry will conduct maintenance and development of environmental quality numerical standards promulgated in the CSR Schedules 3.1 to 3.4 during each 5-year cycle of review. Engagement and collaboration with the CSAP Technical Review Committee is an anticipated component of this project.

SITE REMEDIATION WEBPAGE UPDATES

The ministry has improved the information provided on the Site Remediation webpages including those that provide guidance on remediating a contaminated site and applying for certification. As part of the redesign, some webpages were removed or relocated. Any information or guidance that is important has been kept, though it may be presented differently.

The following webpages have been updated:

- › Remediating a site
- › Performance verification plans
- › Apply for Certification (formerly Certifications)
- › Preapprovals

In response to comments received during Indigenous engagement sessions held over the past few years, a new webpage has also been developed specifically for First

Nations governments. This webpage contains information, tools and training for First Nations governments looking to understand more about contaminated sites in their territories.

PROTOCOL 6

Director's preapproval under Protocol 6 is no longer required for some scenarios as of April 2, 2024. These include remediation of a flow-through contaminated site, area wide fill contamination, certification for an affected parcel before the source site is fully remediated, remediation of part of an operating facility and need a certification document or site release for that area, and contaminants that appear in environmental media because of beneficial uses. Alternative reporting expectations for these scenarios are described on the SRP preapprovals webpage.

Finally, I'd like to explicitly thank and congratulate Andrew Sorensen, CSAP President; Tara Siemens Kennedy, Vice President; Patricia Fu, CSAP Executive Director; the CSAP Board of Directors; CSAP staff; and the members of the CSAP Committees and Working Groups, for their efforts and achievements this past year. As we all move forward into these economically uncertain times, we will continue to lean into our partnership and collaboration to ensure continued improvements for remediation permitting.

Yours truly,

CARRIE NUGENT

Director
Site Remediation Program
Ministry of Environment and Parks

Please subscribe to **Site Remediation News** on the ministry website to receive all announcements relating to the delivery of the remediation of contaminated sites.

BOARD OF DIRECTORS

APPOINTED DIRECTORS



JANA MCLEAN
LLB., LLM., Environmental Representative



JASON TONIN
P. Eng., MBA, Industry Representative



CHRISTIAAN IACOE
P.Ag., Local Government Representative



CARRIE NUGENT
Director, Site Remediation Program, Ministry of Environment and Parks

DIRECTORS AT LARGE



ANDREW SORENSEN
P.Eng., President



TARA SIEMENS KENNEDY
MET, P.Chem., Vice-President, Secretary & Treasurer



MANDEEP PUREWAL
MET, R.P.Bio., P.Ag., Membership Committee, Chair



MICHAEL GILL
P.Eng., Governance Committee, Chair



DAVID MITCHELL
P.Eng., Professional Development Committee

PARENT ORGANIZATION DIRECTORS



JASON CHRISTENSEN
P.Eng., Performance Assessment Committee, Chair, EGBC



TRAVIS DEETER
P.Ag., Technical Review Committee, Chair, BCIA



BETH POWER
R.P.Bio., Discipline Committee, Chair, CAB

MESSAGE FROM THE PRESIDENT



It has felt like a relatively calm year in our industry as we did not see any major regulatory amendments or substantial protocol/policy changes. As APs, we continue to act in our primary role providing review and recommendation services, albeit with fewer submissions this past year. As practitioners, we

continue to communicate the new(ish) soil relocation rules to clients and contractors and help them navigate the process. CSAP Society is continuing to strengthen our partnership with the ENV team. We continue to work closely with Carrie Nugent and her team to develop processes that benefit them, our members, and our clients. I believe a trusted-partner type of relationship between CSAP Society and the ENV team is key to the success of both groups, and I appreciate the commitment of both groups to make the relationship as strong as possible.

As a professional group, we have much to celebrate. In my quarterly updates, I have been acknowledging a successful project for our member firms. These have included PGL and Pinchin's work on the new St. Paul's Hospital, Active Earth's environmental closure work for Tsartlip First Nation, and AtkinsRéalis's work on the Wide Area Remediation Plan in Trail. These are hugely important works and I know there are countless others out there that involve housing the people of our province, protecting the environment, or helping us build our infrastructure. I encourage everyone to reflect on the work they've

done and celebrate these accomplishments with their colleagues.

Lastly, I want to thank my fellow Board Members for all their hard work this past year at the Board level and as Committee Chairs. And a special thank you to Dave Mitchell who (like me) has reached the end of his Board term. It has been my privilege to serve on the Board the past four years with the past two years as President.

ANDREW SORENSEN
P.Eng., President

MESSAGE FROM EXECUTIVE DIRECTOR



2024-25 saw a more normal year for the number of Protocol 6 submissions processed by the Society, which is not surprising as the latter part of the year saw significantly less submissions due to the uncertain political and economic climate. There was an increase of 20% of reports received and reviewed by the Review Services Subcommittee. The strong financial performance in recent years has built a financial buffer that allows us to be well-prepared to manage any unexpected

events or downturns. This strong financial position will hopefully provide the resources and resilience to navigate potential challenges without significant disruption.

The Board met in December to establish a new strategic plan for 2025-27. The three main goals established by the Board are to ensure the sustainability of the Society, to continue to collaborate with the Ministry, and to focus on succession planning. As for the 2023-25 strategic plan, I am pleased to report that we have completed all the goals set out in that plan. They included a major update to the Society's website and the Members' Portal, and the launch of the PAC Q&A. A few notable highlights of accomplishments by our various committees include the completion of two special research projects, simplifying

the continuing professional development requirements, and updating of the annotated Summary of Site Condition.

While no significant regulatory, protocol or policy changes were introduced, the Ministry did amend its Protocol 6 preapproval process for some scenarios. This has made a positive impact on timelines for submissions.

I'd like to take this opportunity to welcome five new members to the Society. Congratulations and we look forward to working with you whether through submissions and/or participation on our committees.

And as always, I'd like to acknowledge and thank the Board, committee members and staff for their contributions to the Society. Their work

makes it possible for us to achieve our goals and maintain the Society's professional reputation. I would also like to thank Carrie Nugent and her team at the Site Remediation Program for all their support. We look forward to collaborating with the Ministry on various initiatives and the launch of the SRS webapp this year.

Lastly, a thank you to the directors who are completing their terms on the Board and are stepping down. Andrew Sorensen has been a great President over the last couple of years with his practical leadership and active participation in the Society's work.

PATRICIA FU
Executive Director

MEMBERSHIP COMMITTEE



MANDEEP PUREWAL,
MET, R.P.Bio., P.Ag., Chair

COMMITTEE

- HARBAY BAINS**, P.Eng.
- BEN LIN**, P.Eng.
- LORA PAUL**, P.Eng.
- MICHAEL SLOAN**, M.Sc., P.Eng.
- JEROEN WAUTERS**, M.Eng., P.Eng.

EXAM DEVELOPMENT SUB-COMMITTEE

- MANDEEP PUREWAL**, MET, R.P.Bio., P.Ag., Chair
- TADD BERGER**, M.Sc., EP, P.Ag.
- MICHAEL GILL**, P.Eng. (2025)
- IAN MITCHELL**, M.Sc., P.Geo. (2024)

COMMITTEE PURPOSE

The Membership Committee is responsible for the development, implementation, and assessment of effective membership policies as recommended to and approved by the Board. It is also responsible for the membership credentialing process and all other activities directly related to maintaining a roster of Approved Professionals.

OVERVIEW

The Membership Committee administers the membership application and examination process. It updates and aligns the Membership Guidelines with CSAP Bylaws and Rules and verifies that existing members maintain their qualifications and remain in good standing.

ACTIVITIES AND ACCOMPLISHMENTS

IN 2024-25, THE MEMBERSHIP COMMITTEE:

- Published the current version of the Membership Guidelines including CPD requirements.
- Finalized and posted CSAP's updated Continuing Professional Development (CPD) requirements, which restructured categories for more efficient reporting, and made requirements specific to contaminated sites' work. These changes simplified the CSAP Membership Guidelines for CPD while maintaining the intent of ensuring continued competency and professional development.
- Reviewed CSAP Bylaws and Rules concerning membership to ensure compliance and relevance.
- Assessed membership renewals to determine eligibility for continued affiliation.

MEMBERS

THANK YOU
*for your participation
and we wish you
all the best!*



MEMBER VOLUNTEER HOURS 2024-25

NUMBER OF APS WHO VOLUNTEERED

66

AVERAGE NUMBER OF HOURS VOLUNTEERED

57

HIGHEST NUMBER OF HOURS

393

TOTAL NUMBER OF HOURS VOLUNTEERED

3783

RETIRING MEMBERS

- TERRY DUFFY**
- IAN MITCHELL**
- ADRIAN RENNEBERG**
- ALAN WALKER**
- ALLAN ZHANG**

MEMBER PARTICIPANTS 2024-25

Michelle Anderson
Harbey Bains
Lindsey Beaton
Tadd Berger
Traci M. Brannen
Marc Cameron
Patricia Carmichael
Jason Christensen
Anthony Collett
John DeCesare
Travis Deeter
Sumeet Dogra
Brant Dorman
Paul Embregts
Dawn Flotten
Kelly Forseth
Paul Gardner

Michael Geraghty
Eva Gerencher
Michael Gill
Tony Gillett
Meredith Guest
Gary Hamilton
Craig Harris
Ian Hers
Chuck Jochems
David Kettlewell
Blair King
Ingolf Lambrecht
Robert Lauman
Gavin Leung
Ben Lin
Duncan Macdonald
Bonnie Marks

Takako Matsueda
Michael McLeay
David Mitchell
Ian Mitchell
Zayed Mohamed
David Newton
Reg North
Cindy Ott
Guy Patrick
Lora Paul
Beth Power
Mandeep Purewal
Stefan Quaglia
Sam Reimer
Tara Siemens Kennedy
Michael Sloan
Jacqueline Smith

James Smith
Andrew Sorensen
Scott Steer
Robert Symington
Chad Taylor
John Taylor
Christine Thomas
Ajay Tumber
Michelle Uyeda
Audrey Wagenaar
Alan Walker
Jeroen Wauters
Jason Wilkins
Reidar Zapf-Gilje
Diane Zorn

MEMBERSHIP STATISTICS

MEMBERSHIP STATISTICS AS OF MARCH 31, 2025

- 101** FULL-TIME MEMBERS (80 NUMERICAL, 16 RISK, 5 BOTH)
- 21** ASSOCIATE MEMBERS
- 5** RETIRED MEMBERS

BY PROFESSIONAL ORGANIZATION AFFILIATION

- 66** ENGINEERS & GEOSCIENTISTS OF BC
- 19** COLLEGE OF APPLIED BIOLOGISTS
- 15** BC INSTITUTE OF AGROLOGISTS
- 6** ASSOCIATION OF THE CHEMICAL PROFESSION OF BC

Some members are part of two or more professional organizations.

PERFORMANCE ASSESSMENT COMMITTEE



JASON CHRISTENSEN
P.Eng., Chair

COMMITTEE

GARY HAMILTON, M.Eng., P.Geo.

CHUCK JOCHEMS, P.Eng.

DUNCAN MACDONALD, P.Eng.

STEFAN QUAGLIA, EP, R.P.Bio.

TARA SIEMENS KENNEDY, MET, P. Chem.

COMMITTEE PURPOSE

The Performance Assessment Committee (PAC) is responsible for CSAP Society's quality assurance process, confirming AP recommendations for legal certification documents are supported by scientifically sound technical reports prepared in accordance with the governing legislation and ENV governing protocols, procedures, and guidance. The overall goal of the performance assessment (PA) process is to confirm that the documents submitted to ENV for legal certification document applications are accurate, complete, and valid.

OVERVIEW

One in every eight AP submissions is selected for a PA on a random basis. Non-random performance assessments (NRPA) may also be triggered by a remedial measure outcome of a previous performance assessment, a request by ENV, or where errors are identified during the detailed screening process. When PAs are conducted, a PA panel is organized by the PA Coordinator, which includes two numerical standards panel members and a numerical standards Delegated Member (DM) who sits on PAC for numerical standard based submissions. For detailed risk-based standards submissions, a risk-based standards panel member and a risk-based standards DM are also included on the PA panel.

In some circumstances when issues arise during the detailed screening process, a Focused Review (FR) is conducted by a DM and if an issue cannot be resolved, then the submission may be referred to PAC for a NRPA. Further to this, once submissions have been forwarded to ENV for processing, statutory decision makers may also request a FR, which too in turn, could result in a NRPA.

PERFORMANCE ASSESSMENT STATISTICS

PERFORMANCE ASSESSMENT TIMELINES

SELECTED FOR PA

20

COMPLETED <1 MONTH

10%

COMPLETED 1-2 MONTHS

55%

COMPLETED >2 MONTHS

5%

INCOMPLETE

5%

IN PROGRESS

25%

ACTIVITIES AND ACCOMPLISHMENTS

- Conducted 20 PAs on 130 AP submissions, including four NRPA's, with two of the NRPA's referred from detailed screening.
- Revised language in the CSAP Rules that when only the risk portion has been found deficient, only the risk portion must be resubmitted.
- Provided an update to the membership at the 2024 Fall PD Workshop to show lessons learned from PAs in the past year.
- Launched the PAC Q&A.

PERFORMANCE ASSESSMENT CERTIFICATION DOCUMENT STATISTICS

CoC NUMERICAL

4

CoC DETAILED RISK

7

CoC SCREENING RISK

2

AIP NUMERICAL

3

AIP DETAILED RISK

2

DETERMINATION

1

CoC WITH AIP NUMERICAL

1

PERFORMANCE ASSESSMENTS CONDUCTED

CONDUCTED

20

SUFFICIENT WITH CLARIFICATION

13

SUFFICIENT AT STAGE 1

1

IN PROGRESS

5

INCOMPLETE

1

Note: APs' response times and ENV time to release certification documents are not included.

DETAILED SCREENING SUB-COMMITTEE



TARA SIEMENS KENNEDY
MET, P.Chem., Chair

COMMITTEE

EVA GERENCHER
M.Sc., P.Ag.

CHUCK JOCHEMS
P.Eng.

DAVID NEWTON
P.Geo.

BOB SYMINGTON
P.Geo.

OVERVIEW

The DSC meets to review screening issues and ENV feedback to finetune and update the screening tools and to disseminate this information to the membership overview.

ACTIVITIES AND ACCOMPLISHMENTS

This year the sub-committee updated the Annotated Summary of Site Condition to reflect the current version of the form and our understanding of ENV's requirements for the information to be included in the form. We also collaborated with ENV to add additional check points regarding SRCR requirements to the Detailed Screening worksheets and made other minor updates to improve clarity.

We continue to see few comments from ENV Statutory Decision Makers regarding missing information in forms and other information reviewed by Detailed Screeners.

COMMITTEE PURPOSE

The Detailed Screening Sub-committee (DSC) was established in 2014 to design and implement a Submission Screening Process to be undertaken by CSAP on behalf of ENV.

REVIEW SERVICES SUB-COMMITTEE



DAVID NEWTON
P.Geo., Chair

COMMITTEE

BRANT DORMAN
P.Eng.

PAUL GARDNER
M.A.Sc., P.Eng.

MICHAEL GERAGHTY
M.Sc., P.Geo.

EVA GERENCHER
M.Sc., P.Ag.

CHUCK JOCHEMS, P.Eng.
JOHN TAYLOR, P.Eng.

to provide an updated schedule, and to confirm the remedial plan remains valid.

Most compliance documents require the report submitted in response to a Director's statement to be signed by an AP making the RSC well suited to assist with ENV with this process.

Submitted reports are each reviewed by a member of the RSC. The goal of the review is to evaluate the submitted document against the specific conditions specified in Schedule B of the compliance document.

The RSC reviews are forwarded to ENV where the Statutory Decision Maker considers the information and makes the final decision on the adequacy of the work. The RSC does not complete reviews of Monitoring Reports submitted in support of Site Disclosure Statement/permit releases or of high-risk sites, as those remain with ENV.

ACTIVITIES AND ACCOMPLISHMENTS

RSC STATISTICS:

- › Number of submissions received: 57
- › Number of submissions transferred to ENV: 54
- › Types of source documents reviewed:
 - AiP: 45
 - CoC: 10
 - PVP: 2

The RSC also welcomed Paul Gardner and Chuck Jochems as new members and presented at the new members orientation session in March 2025.

COMMITTEE PURPOSE

The Review Services Sub-committee (RSC) provides technical reviews for ENV, largely in regard to reports (Approved Professional Statements/Monitoring Reports) submitted to satisfy a Director's reporting requirement. The objective of the RSC is to assist ENV by providing review and processing support where requested. The RSC is a sub-committee of the PAC.

OVERVIEW

The RSC has been in operation for slightly over three years. The types of reports identified for RSC review are associated with Director's reporting requirements specified in compliance documents (e.g., Approvals in Principle (AiP), soil relocation agreements and some Certificates of Compliance). For example, all AiPs require an annual report be submitted to document remediation progress to date,

PROFESSIONAL DEVELOPMENT COMMITTEE



DAVID MITCHELL
P.Eng., Chair

COMMITTEE

TADD BERGER
M.Sc., EP, P.Ag.

PAUL GARDNER
M.A.Sc., P.Eng.

BLAIR KING, Ph.D.,
R.P.Bio., P. Chem.

ROB LAUMAN
P.Chem.

GAVIN LEUNG
P.Ag.

COMMITTEE PURPOSE

The Professional Development (PD) Committee works to provide learning opportunities for our members, bringing together expertise, experience, and knowledge to support high professional standards and foster innovation.

OVERVIEW

The PD Committee organized two in-person events in the 2024-25 fiscal year, including the 2024 AGM/Spring PD Workshop and the 2024 Fall PD Workshop. The virtual Lunch and Learn events continued and included a mixture of members-only open-discussions forums and regulatory presentations.

A proposal was put forward at the September 25, 2024, Board meeting to formally recognize the PD Sub-Committee as a Board committee, rather than a sub-committee.

ACTIVITIES AND ACCOMPLISHMENTS

AGM/SPRING PD WORKSHOP

The AGM/Spring PD Workshop was held in person on June 4, 2024. Topics included a presentation from the Association of Consulting Engineering Companies of BC on their fee guidelines, updates from ENV, a presentation on the TRC shallow soil vapour project, and a panel discussion on the validity of older ENV approvals.

FALL PD WORKSHOP

The Fall PD Workshop was held in person on November 7, 2024. Sessions featured a presentation on a TRC special project on groundwater plume stability, a presentation on working on "Reserve Lands for Addition to Reserves," updates from ENV, and a panel discussion on Protocol 6.

LUNCH AND LEARN

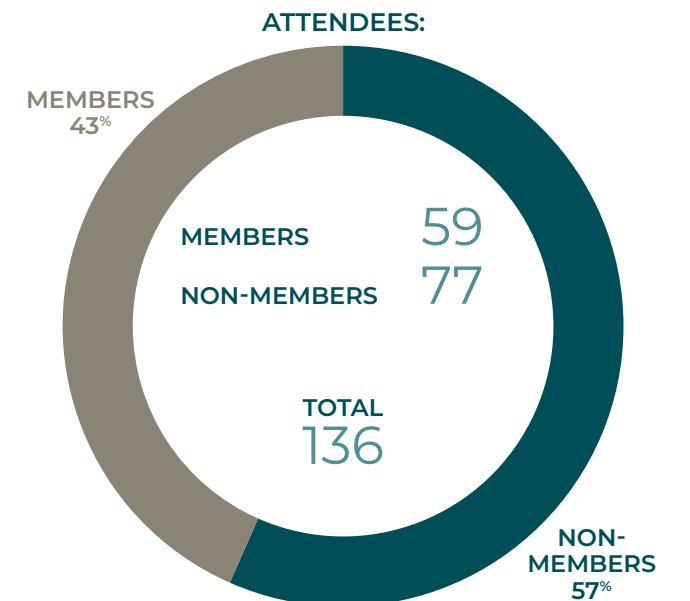
The Lunch and Learn series continued this year with one-hour virtual webinars on a variety of topics affecting APs. Six sessions have been scheduled for each calendar year with a combination of sessions open to the public and Members' Open Forums. The latter are for members only and provide APs an opportunity to address issues affecting their practice with their peer group.

AGM 2024
JUNE 4, 2024

ATTENDEES:

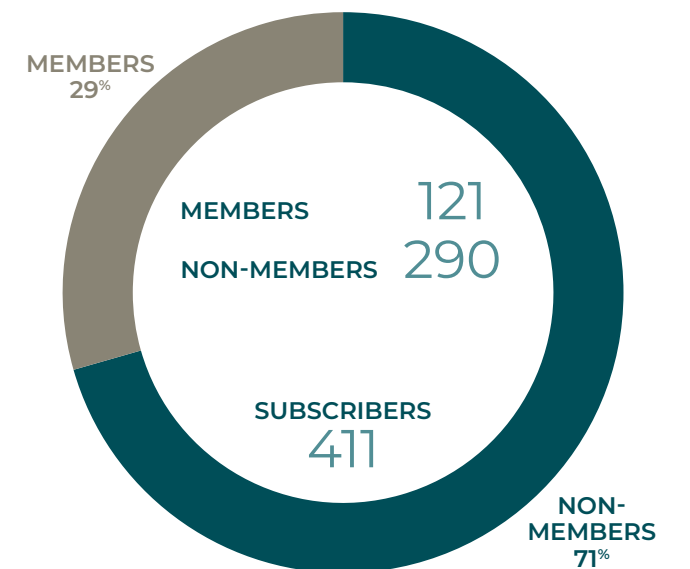
64
64% MEMBERS

FALL PD WORKSHOP 2024
NOVEMBER 7, 2024



MEMBERS' UPDATE

The Members' Update, CSAP's quarterly newsletter, communicates changes, news, events, and updates from CSAP and the Ministry of Environment and Parks.



TECHNICAL REVIEW COMMITTEE



TRAVIS DEETER
P.Ag., Chair

COMMITTEE

IAN HERS, P.Eng.

DAVID KETTLEWELL,
M.Sc., P.Geo.

TAKAKO MATSUEDA,
P.Eng.

ZAYED MOHAMED, P.Ag.

MANDEEP PUREWAL,
MET, R.P.Bio., P.Ag.

BOB SYMINGTON, P.Geo.

CHRISTINE THOMAS,
R.P.Bio.

- › Background Groundwater Concentrations – CSAP Society practitioners had identified that natural background levels of metals in groundwater are still an issue at sites in other parts of the province including the Northeast BC Region and the Prince George Region. At the time of development of Table 1 of Protocol 9, insufficient data was present in these two regions and in other areas of the province to develop a suitable database for evaluation. The purpose of this project was to expand the dataset such that background concentrations for groundwater could potentially be developed for other regions of the province.

The TRC will be busy next fiscal year, as we will be undertaking two new projects that will be of interest to CSAP Society members. The Special Projects for 2025-26 include:

- › Background Arsenic in Soil Concentrations – Feedback from CSAP Society membership, as well as the results of the prior year's Background Soil Concentrations project, indicate that arsenic remains the most frequent parameter requiring a Protocol 4 submission, accounting for 48% of all submissions. The purpose of this project is to identify if there are correlations between elevated background arsenic and surficial geology within the Metro Vancouver and Lower Mainland regions of the province. The project will include a literature review, obtaining additional arsenic concentration data, and a data evaluation in the context of surficial geology.
- › Emerging Contaminants in BC – The Ministry is currently assessing how emerging contaminants may be considered in future revisions of the CSR. The purpose of this project is to provide information and feedback on emerging contaminants to support ENV's decision-making process. The project will consist of a literature review to identify the most relevant emerging contaminants to BC in the context of the CSR, and especially those related to Schedule 2 uses, as well as ranking priority contaminants according to risk and availability of information.

RESEARCH SCHOLARSHIPS

CSAP Society awards up to three scholarships annually (worth \$17,000) to graduates studying in the area of contaminated site investigation and remediation. The request for applicants goes out in the fall and the deadline to apply is by the end of March. In June 2024, the scholarships were awarded to:

- › Beatrice Chee, Resource & Environmental Management, SFU, Mike Macfarlane Award
- › Joseph Egeland, Environmental Science, Thompson Rivers University
- › Clare Kilgour, Zoology, UBC

COMMITTEE PURPOSE

The Technical Review Committee (TRC) manages the Technical Review Process, the CSAP Society Scholarship Program, the CSAP Society Special Project Funding Program, and other technical issues on behalf of CSAP Society.

OVERVIEW

The committee is responsible for conducting technical projects (i.e., referred to as Special Projects) to address AP related issues and guidance. The committee also conducts Technical Reviews when requested from internal (e.g., CSAP Society Board of Directors and Committees) or external parties (e.g., ENV).

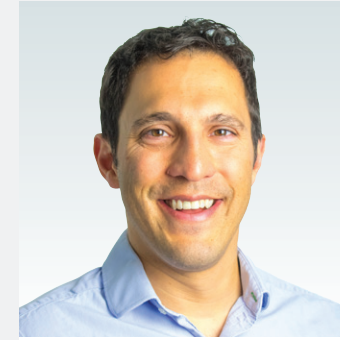
ACTIVITIES AND ACCOMPLISHMENTS

SPECIAL PROJECTS AND TECHNICAL REVIEWS:

In 2024-25, the TRC initiated the following Special Projects:

- › Review of Groundwater Plume Stability Assessment Methods – The purpose of this project was to provide practitioners with some options for stability assessment methods that can be used for assessing the stability of groundwater contaminant plumes to confirm that contaminated sites in BC are being assessed using the best available technology. This project was presented on by WSP at the November Fall PD workshop and the final report is available on the CSAP Society website.
- › Background Soil Concentrations – The purpose of this project was to identify whether there was sufficient information available to support changes/additions to the Protocol 4 background soil concentrations. The project included a data review from other jurisdictions, as well as a review of the BC Protocol 4 process and applications by region. It also utilised Active Earth Engineering's Disposal at Sea database to aid in the BC data review and evaluation. The final report is available on the CSAP Society website.

GOVERNANCE COMMITTEE



MICHAEL GILL
P.Eng., Chair

COMMITTEE

MICHAEL GERAGHTY
M.Sc., P.Geo.

DUNCAN MACDONALD
P.Eng.

BETH POWER
M.Sc., R.P.Bio.

JASON WILKINS
EP, P.Ag.

COMMITTEE PURPOSE

The purpose of the committee is oversight for the effective functioning of the CSAP Board of Directors and the committees, task forces, and any other work undertaken by the Board.

OVERVIEW

The committee assesses, develops, and recommends to the CSAP Society's Board for approval, governance principles, policies, and practices related to the functioning of the Board and CSAP Society.

ACTIVITIES AND ACCOMPLISHMENTS

THIS YEAR, THE COMMITTEE CARRIED OUT THE FOLLOWING WORK:

- › Completed the CSAP history/timeline (now available on the CSAP website).

REVIEWED:

- › Proposal to change the Professional Development Sub-Committee to a full committee.
- › Continuing professional development hours revisions to the Membership Committee Guidelines.
- › Bylaw revisions for the 2024 CSAP AGM.
- › Performance Assessment Committee recommended changes to the CSAP Rules to address "Deficient" findings for the risk portion of a performance assessment and "Sufficient" findings for the numerical standards portion.
- › Technical Review Committee Guidelines.
- › List of members eligible for election to the CSAP Society Board.
- › CSAP Society risk register, organization inventory, organization chart, and committee structure.

DISCIPLINE COMMITTEE



BETH POWER
M.Sc., R.P.Bio., Chair

COMMITTEE

CHUCK JOCHEMS
P.Eng.

INGOLF LAMBRECHT
P.Geo.

SCOTT STEER
MET, R.P.Bio.

OVERVIEW

To oversee the functioning of CSAP Society's discipline process. The Committee is responsible for the development, implementation and assessment of effective discipline principles and policies as recommended to and approved by the Board.

ACTIVITIES AND ACCOMPLISHMENTS

In 2024-25, the Discipline Committee assigned measures for two submissions (numerical standards) found to be deficient by the Performance Assessment Committee. No complaints requiring disciplinary action were submitted to CSAP Society.

COMMITTEE PURPOSE

The Discipline Committee, on behalf of the Board, reviews complaints and determines remedial measures for submissions found deficient through the Performance Assessment process.

MEETING ACTIVITY

DIRECTORS, INTERNAL AND STANDING COMMITTEE MEETINGS

BOARD OF DIRECTORS

6

EXECUTIVE COMMITTEE

3

PERFORMANCE ASSESSMENT COMMITTEE & APPEALS

11

PROFESSIONAL DEVELOPMENT COMMITTEE

8

REVIEW SERVICES SUB-COMMITTEE

2

DETAILED SCREENING SUB-COMMITTEE

1

GOVERNANCE COMMITTEE

3

MEMBERSHIP COMMITTEE

5

ENV FACE TO FACE

2

TECHNICAL REVIEW COMMITTEE

7

DISCIPLINE COMMITTEE

3

ANNUAL GENERAL MEETING & PD WORKSHOP

1

PD WORKSHOP

1

EXAM PROCESS MEETINGS

LEAD EXAM

1

EXAM WRITING & SCORING WEBINAR

3

REGULATORY ITEM REVIEW WEBINAR

1

REGULATORY EXAM SETTING WORKSHOP

1

TECHNICAL ITEM REVIEW & EXAM SETTING WORKSHOP

2

TECHNICAL EXAM TESTING

2

TECHNICAL EXAM PRE-EXAM MEETING

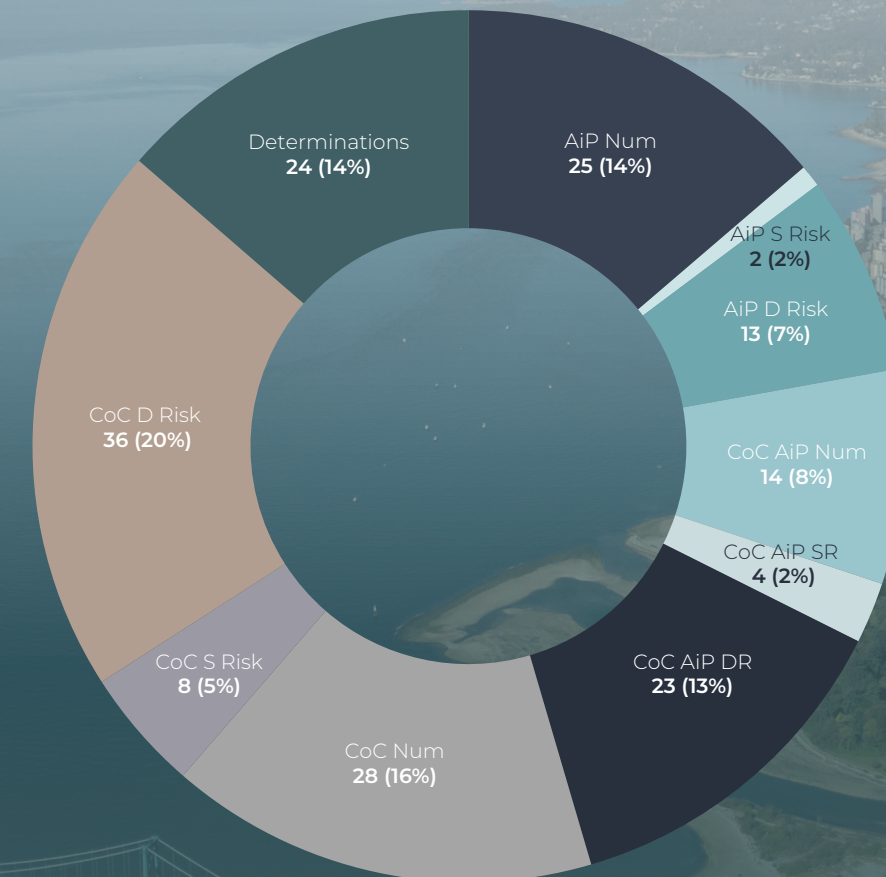
1

TOTAL MEETINGS =

64

CERTIFICATION DOCUMENTS

STATISTICS OVERVIEW 2024-25



AiP Num	25
AiP S Risk	2
AiP D Risk	13
CoC AiP Num	14
CoC AiP SR	4
CoC AiP DR	23
CoC Num	28
CoC S Risk	8
CoC D Risk	36
Determinations	24
Soil Relocation	0

CERTIFICATION DOCUMENTS OVERVIEW 2024-25

177

STRATEGIC PLAN 2025 - 27

CSAP ENDEAVOURS TO SERVE:

MEMBERS

- › through accreditation and professional development,
- › through promoting cooperation and mentoring while adhering to our ethical standards, and
- › through managing the CSAP Society in a manner that maintains sustainability and longevity.

GOVERNMENT & THE PUBLIC

- › by instilling confidence through developing and maintaining strong professional standards of practice,
- › by facilitating, advising, and making sound recommendations regarding recognition, investigation, and remediation, as well as for guidance and policy development of contaminated sites, and
- › by engaging the public in seeking feedback and input.

INDUSTRY

- › by creating value through transparent, efficient, and timely processes,
- › by proactively identifying areas for change and improvement, and
- › by engaging stakeholders and seeking feedback and input on matters that affect industry.

1

SUSTAINABILITY OF CSAP SOCIETY
EXPAND THE SCOPE OF THE REVIEW SERVICES SUB-COMMITTEE BY POTENTIAL INVOLVEMENT IN OTHER TYPES OF APPLICATIONS.

2

COLLABORATION WITH ENV
CONTINUE TO BE A SUPPORT AND FIND NEW WAYS TO COLLABORATE.

3

SUCCESSION PLANNING
INCREASE THE NUMBER OF MEMBERS AND MEMBER PARTICIPATION IN CSAP BOARD AND COMMITTEES.

SPECIAL THANKS TO OUR STAFF!



DANA BIDNALL
Communications
Coordinator



STEPHANIE KWOK
Board & Administrative
Coordinator



NELLY POMAREDA
Operations
Coordinator



LIAM PRENDERGAST
Administrative
Coordinator



PROFESSIONAL DEVELOPMENT 2024





CSAP

SOCIETY OF CONTAMINATED SITES
APPROVED PROFESSIONALS
OF BRITISH COLUMBIA



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