



SOCIETY OF CONTAMINATED SITES
APPROVED PROFESSIONALS
OF BRITISH COLUMBIA

ANNUAL REPORT

ADVANCING LAND REMEDIATION
+ ECONOMIC GROWTH

21
22



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.

ABOUT US

The Contaminated Sites Approved Professionals Society (CSAP Society) is an independent organization that is mandated by the provincial government, through the Ministry of Environment and Climate Change Strategy, to review environmental certification applications (submissions) made under the Environmental Management Act and Contaminated Sites Regulation and, more specifically, Protocol 6. The purpose of the 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 the Society. In BC, the Ministry of Environment and Climate Change Strategy is responsible for regulations detailing safe and legal levels of soil and water contaminants. Members of the 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 a ministry Certificate of Compliance must be reviewed by a Contaminated Site Approved Professional.



CSAP AT A GLANCE

BETTERING THE INDUSTRY

As part of the Society's commitment to bettering the industry, reviews of technical documents are undertaken at the request of the ministry, 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 website.

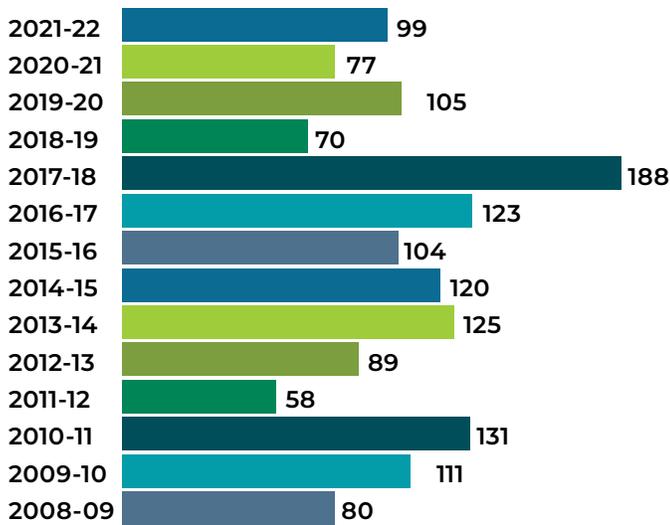


MEMBERSHIP BY SPECIALITY



102 = TOTAL MEMBERS

SUBMISSIONS PROCESSED ANNUALLY



SUBMISSIONS RECEIVED BY SECTOR

	2021 2022		2020 2021		2019 2020	
Commercial	83	84%	53	69%	83	79%
Municipality	6	6%	1	1%	5	5%
Oil & Gas	7	7%	14	18%	7	7%
Province of BC & Crown Corps	3	3%	9	12%	10	9%
TOTAL	99	100%	77	100%	105	9%

*Financial Statements available upon request.

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 Society began processing submissions under ENV Protocol 6

QUALITY ASSURANCE

To achieve consistently high standards among Approved Professionals, 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 Approved Professional, serve as a check on the submissions process, and form the basis for continuous improvement.





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MESSAGE FROM THE MINISTRY

The Land Remediation Section of the Ministry of Environment and Climate Change Strategy is thankful to all members of the CSAP Society for their technical expertise, professionalism, and unwavering commitment to the investigation and remediation of contaminated sites.

The past year brought with it unique challenges, from the global pandemic to extreme weather events. Land Remediation continued to deliver the program, remotely in response to the pandemic conditions, while processing applications, being responsive to enquiries, and taking part in a limited number of in-person meetings and visits to high-risk sites. The extreme wildfire and atmospheric river flooding climate events that have also occurred engaged the Environmental Emergencies and Land Remediation Branch in unprecedented ways. Environmental Emergencies has the lead role in flood debris management of the impacted river systems, and response and recovery efforts are continuing. Land Remediation has been a key contributor of technical expertise to the ministry's response to these extreme climatic events.

2021-22 also saw Land Remediation adapt to record levels of incoming contaminated sites service applications. This increased volume of requests for services, predominantly around the redevelopment of commercial and industrial properties, is expected to continue rising with the province's economic recovery. Levels of incoming applications were >80% above normal annual levels. This is impacting applicants who are experiencing an increased waiting time before receiving their decisions on an application. The largest number of the 641 applications received in 2021-22 was in the category of certification documents, including Certificates of Compliance, Approvals in Principle and Negative Determinations: 87% of which (136 out of 157 total applications) included the recommendation of an Approved Professional in accordance with Protocol 6.

Land Remediation has additionally focused on several initiatives and advancements were made to improve a number of business areas, including the oversight of high-risk sites, processing contaminated sites service applications, policy delivery and amendments, information and systems management, and the partnership with CSAP Society.

NOTABLE MILESTONES INCLUDED:

- The new Site Remediation website was launched on May 31, 2022. The webpages have been restructured to reflect the steps a responsible person will follow to ensure that their site is investigated and remediated as required under the Environmental Management Act and Contaminated Sites Regulation. The design is intended to improve user experience when searching for information on legal requirements, processes, forms and resources for site remediation.
- The Order in Council for the Stage 14 amendments to



the Contaminated Sites Regulation was approved by Cabinet on June 1, 2022. This amendment will bring into force the soil relocation legislative changes in Bill 3: The Environmental Management Amendment Act, which was given Royal Assent in March 2020. Implementation of the changes to soil relocation is scheduled for March 1, 2023.

- To adapt to the increase in requests for services, as of February 1, 2022, the review of applications submitted to meet director's requirements imposed in certification documents was transferred to the CSAP Review Services Committee. This expands upon the CSAP's Society role with new services and also brings the Society full circle into the certification document process. It is hoped that there might be future phases of the expansion of CSAP's services.
- The "Contaminated Sites Learning Series: Making Effective Applications" event was hosted virtually by Land Remediation in early February 2022. Presentations covered all aspects of application submission. There were hundreds of registrants for each day, representing industry, Indigenous Nations, consultants, professionals of all types, local governments, and more. Presentations from the four-day virtual learning event will be available for reference on the ministry's website.

I want to convey my sincere appreciation to Duncan Macdonald, CSAP President; Andrew Sorensen, Vice President; Catherine Schachtel, CSAP Executive Director; the CSAP Board of Directors; CSAP staff; and the members of the CSAP Committees and Working Groups, for their efforts and successes through 2021-22.

The ministry looks forward to another eventful year working in cooperation with the CSAP Society to deliver contaminated sites services that support economic recovery in the province of BC.

Yours truly,

KEVIN BUTTERWORTH

Executive Director
Environmental Emergencies and Land Remediation Branch
Ministry of Environment and Climate Change Strategy



BOARD OF DIRECTORS

APPOINTED DIRECTORS



TONY CROSSMAN, LL.B., LL.M.
Environmental Representative



DENISE MULLEN
MPA. Industry Representative



CHRISTIAAN IACOE
P.Ag. Local Government Representative



DANIELLE GRBAVAC
M.Sc. Director, Ministry of Environment and Climate Change Strategy

PARENT ORGANIZATION DIRECTORS



CHUCK JOCHEMS
P.Eng. Performance Assessment Committee, Chair. EGBC



JASON WILKINS
P.Ag. Discipline Committee, Chair. BCIA



CHRISTINE THOMAS
M.Sc., R.P.Bio. Technical Review Committee, Chair. CAB

DIRECTORS AT LARGE



DUNCAN MACDONALD
P.Eng. President



ANDREW SORENSEN
P.Eng. Vice-President, Secretary & Treasurer



MICHAEL SLOAN
M.Sc., P.Eng. Membership Committee, Chair



PATTY CARMICHAEL
M.Sc., P.Geo. Governance Committee, Chair



DAVID MITCHELL
P.Eng. Professional Development Committee, Chair



MESSAGE FROM THE PRESIDENT



Last year was a year of transition at CSAP Society. We transitioned from a low submission “pandemic” year to a more normal year, yet still a year full of Zoom meetings. We adjusted to the changes in regulation, and we adjusted to changes in the regulatory process.

As a Society we were highly engaged with the management team at the Ministry of Environment Land Remediation Section, digging into how CSAP Society can assist in addressing the challenge of processing submissions and reducing backlog. Out of those discussions came the creation of an additional service line through the Review Services sub-

committee. This was a success. The framework is a tool we can use in the future to solve other challenges.

The Society’s directors and committees did a great job last year delivering on our commitments of governance, efficient operation, quality control, professional development, and advancing our profession through technical studies.

Through all of this, our fearless leader and executive director, Catherine Schachtel, kept the moving parts together and headed in the right direction. As you are now aware, this will

be the last annual report with her at the helm. She has been considerate and professional in planning a controlled exit from her role. I am very grateful for what Catherine has put into CSAP Society and for what she has built. Please join me in wishing her all the best for a well-deserved retirement. We will try to do you proud going forward, Catherine.

**DUNCAN
MACDONALD**
P.Eng., President

MESSAGE FROM EXECUTIVE DIRECTOR



The volume of submissions received in 2021-22 did exceed estimates with a noticeable pick-up in Q4; however, not enough to overtake the turbulence of the last several years. After a challenging time with the COVID-19 pandemic, coupled with adjusting to the new and revised Protocols, the Society is on track to return to financial stability in 2022-23.

The Member Services' area on our website has several new functions of value to members. Currently, the CSAP map filters are in place to allow CSAP to post released Protocol 2, 4, 6, 9, and 21 approvals for review.

Research projects completed during 2021-22 include the Economic Benefits of Remediated Contaminated Sites Study and a study of like jurisdictions, both of which were well received. The TRC

initiated a review of the CSAP Practice Guidelines and updated the Vapour Guidance.

The DS Guidelines, DS Spreadsheet, Summary of Communication Template to reflect Stage 13 Amendments, and the transmittal have been updated.

On February 1, 2022, CSAP expanded services to include report reviews on behalf of the ministry. Planning will start shortly to add the review of some approvals to the new service.

As always, I would like to thank the membership, Board, committee members, and staff for their continuing support and contributions to the society throughout the year. Working together over the last 15 years to ensure that the Society maintains its

reputation as professional and efficient has been a pleasure.

Going forward, the Society will strive to enhance communication with the Ministry of Environment and Climate Change Strategy, stakeholders, and clients. A series of professional development opportunities are planned. Stay tuned for a new “lunch and learn” PD webinar series planned for Fall 2022. The CSAP Fall PD workshop will be conducted in person, and we anticipate a return to some form of hybrid committee meetings with in-person and remote options.

**CATHERINE
SCHACHTEL**
Executive Director

✉ SUBSCRIBE

Please subscribe to **SITE REMEDIATION NEWS** to receive all announcements relating to the ministry's delivery of the remediation of contaminated sites.

MEMBERSHIP COMMITTEE



MICHAEL SLOAN
M.Sc., P.Eng., Chair

COMMITTEE:

- TADD BERGER, EP, P.Ag.
- DAWN FLOTTEN, P.Eng.
- SAM REIMER, P.Ag.
- MICHELLE UYEDA, P.Eng.
- AUDREY WAGENAAR, P.Chem.
- DIANE ZORN, P.Eng.

EXAM DEVELOPMENT SUB-COMMITTEE

- MICHAEL GERAGHTY, P.Geo.
- IAN MITCHELL, P.Eng.
- SAM REIMER, P.Ag.

COMMITTEE PURPOSE

ADMINISTER THE MEMBERSHIP APPLICATION AND EXAMINATION PROCESS:

- › Update and align the Membership Guidelines with CSAP Bylaws and Rules, and
- › verify that exiting members maintain their qualifications and remain in good standing.

ACCOMPLISHMENTS

Updated Membership Guidelines (May 2022) which can be found here:

- › [HTTPS://CSAPSOCIETY.BC.CA/MEMBERS/GUIDELINES](https://csapsociety.bc.ca/members/guidelines)

OVERVIEW

IN 2021/22 THE COMMITTEE:

- › Clarified that full members who become Associate members need not be practising members of their parent organization
- › Formalized extension period options for renewing members:
 - (A) rewrite and obtain a passing grade on the CSAP Regulatory exam, or
 - (B) request an extension until June 30th of the following year.
 - If exam (A) is not passed or the extension deadline (B) is missed, the renewing member becomes an Associate member immediately, until they rewrite and pass the Regulatory exam (A)

MEMBER PARTICIPANTS 2021 / 2022

Darlene Atkinson
Tadd Berger
Patricia Carmichael
Jason Christensen
Anthony Collett
John DeCesare
Travis Deeter
Brant Dorman
Paul Embregts
Dawn Flotten
Paul Gardner
Michael Geraghty
Eva Gerencher
Michael Gill

Tony Gillett
Gary Hamilton
Craig Harris
Ian Hers
Art Hildebrand
Chuck Jochems
Vijay Kallur
Ingolf Lambrecht
Gary Lin
Duncan Macdonald
Trish Miller
David Mitchell
Ian Mitchell
Simone Mol

David Newton
Cindy Ott
Guy Patrick
Beth Power
Mandeep Purewal
Stefan Quaglia
Peter Reid
Erin Robson
Tara Siemens Kennedy
Michael Sloan
James Smith
Andrew Sorensen
Scott Steer
Greg Sutherland

Bob Symington
Jeff Taylor
John Taylor
Christine Thomas
David Tiplady
Michelle Uyeda
Audrey Wagenaar
Alan Walker
Jason Wilkins
David Williams
Ross Wilson
Reidar Zapf-Gilje
Diane Zorn

RETIRING MEMBERS

PATRICK ALLARD – April 2021

MARTIN JARMAN – June 2021

GREGORY SUTHERLAND – June 2021

JAMES LAIDLAW – June 2021

IAN MARSH – June 2021

ROBERT DICKIN – September 2021

DAVID TIPLADY – January 2022

Thank you for your participation and we wish you all the best!

MEMBERSHIP STATISTICS

AS OF MARCH 31, 2022, THERE WERE:

102 FULL-TIME MEMBERS
(80 NUMERICAL APS;
17 RISK APS; 5 BOTH)

6 ASSOCIATE MEMBERS

7 RETIRED MEMBERS

BY PROFESSIONAL ORGANIZATION AFFILIATION

71 ENGINEERS AND GEOSCIENTISTS OF BC

17 COLLEGE OF APPLIED BIOLOGISTS

13 BC INSTITUTE OF AGROLOGY

5 ASSOCIATION OF THE CHEMICAL PROFESSION OF BC

MEMBER VOLUNTEER HOURS 2021 / 2022

55 NUMBER OF APS WHO VOLUNTEERED

44 AVERAGE NUMBER OF HOURS VOLUNTEERED

143 HIGHEST NUMBER OF HOURS

2538 TOTAL NUMBER OF HOURS VOLUNTEERED

PROFESSIONAL DEVELOPMENT COMMITTEE



DAVID MITCHELL P.Eng., Chair

COMMITTEE

- ANTHONY COLLETT, P.Geo.
- TRAVIS DEETER, P.Eng.
- PAUL GARDNER, P.Eng.
- ERIN ROBSON, P.Ag.
- JAMES SMITH, R.P.Bio.
- BOB SYMINGTON, P.Geo.

OVERVIEW & ACCOMPLISHMENTS

The main theme of our Professional Development in 2021 was adjusting to the “New Normal,” which is a reference to both COVID-19 and regulatory and policy changes at ENV.

ENV LEARNING SERIES – FEB 2022

In February 2022, ENV presented a 4-day learning series covering a variety of topics including contaminated sites and regulatory areas; information, applications and professional reliance; risk-based applications; and, statutory decision making and case studies.

COMMITTEE PURPOSE

The Professional Development sub-committee works to provide learning opportunities for our members, bringing together expertise, experience, and knowledge to support high professional standards and foster innovation.

LOOKING FORWARD

The membership has strongly endorsed the PD Committee developing a “Lunch and Learn” series which would be a monthly routine PD event for our membership. The topics would be fairly open and we welcome members to step forward as presenters.

REMEDIATION TOOLKIT – MAY 2022

CSAP facilitated a half-day day workshop on Remediation Toolkits.

The Fall 2022 PD Workshop is currently being discussed. We anticipate that our members will desire the focus be on the pending Stage 14 amendments which come into effect March 2023.

AGM 2021

ATTENDEES: DAY ONE - JUN 9



ATTENDEES: DAY TWO - JUN 10



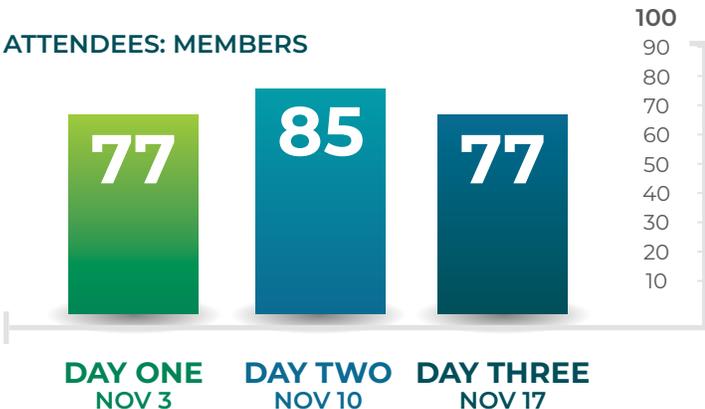
FALL PD WORKSHOP NOV 2021

The “New Normal” was the focus of the Fall 2021 PD Workshop which was presented over four weekly presentations in November 2021. We thank all the panel members and audience members that participated in the discussions. We believe the Workshop helped to bring members up to date with ENV requirements and expectations and that the quality of regulatory submissions was improved.

MEMBERS’ UPDATE

The Members’ Update allows CSAP to communicate changes, news, events, and updates from the Ministry of Environment and Climate Change Strategy on a quarterly basis. The Members’ Update contains information on requirements to making a successful submission.

ATTENDEES: MEMBERS



SUBSCRIBERS:



PD WEBINARS

> CSAPSOCIETY.BC.CA/MEMBERS/PD-WEBINARS/

TECHNICAL REVIEW COMMITTEE



CHRISTINE THOMAS, M.Sc., R.P.Bio., Chair

COMMITTEE:

MICHAEL GILL, P.Eng.

IAN HERS, P.Eng.

GARY LIN, P.Eng.

SIMONE MOL, P.Chem.

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

JEFF TAYLOR, P.Eng.

NEW SPECIAL PROJECTS FOR 2022/23 THAT ARE CURRENTLY IN PROGRESS INCLUDE:

- › CSAP Updated Guidance for Potential Contaminants of Concern
- › Climate Change Impacts on Contamination in Sites in BC

We are also anticipating participating in several Technical Reviews related to draft documents/protocols that will be released as part of the Stage 14 Amendments that are expected to be released this fall.

We thank everyone that has helped with the various TRC projects this year.

COMMITTEE PURPOSE

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

OVERVIEW

When requested, we conduct technical reviews from internal (e.g. CSAP Board of Directors, CSAP Committees) or external parties (e.g. BC ENV). The TRC also conducts special projects to address Approved Professional related issues and guidance.

ACCOMPLISHMENTS

IN 2021/2022, CSAP COMPLETED THE FOLLOWING SPECIAL PROJECTS:

- › CSAP Guidance for the Assessment of Soil Vapour and Air Pathway – Phase 3
- › Updated Practice Guidelines for Numeric and Risk
- › Updates to the CSAP Webmap

TECHNICAL REVIEWS THIS YEAR CONSISTED OF THE REVIEW OF SEVERAL NEW ENV DOCUMENTS THAT WERE RELEASED IN EARLY 2021. THE TRC ENGAGED OVER 20 APPROVED PROFESSIONALS TO COMPLETE TECHNICAL REVIEWS OF THE FOLLOWING ENV DOCUMENTS:

- › 10 draft Protocols released as part of the CSR Stage 13 amendments
- › Intentions Paper – Regulating Soil Relocation released as part of the proposed CSR Stage 14 amendments

TECHNICAL STUDIES

Finalized TRC projects are available on the CSAP website here: <https://csapsociety.bc.ca/members/professional-development/research-technical-studies/>

The CSAP webmap can be found under the CSAP Member Services area.

RESEARCH SCHOLARSHIPS

IN 2021, THREE SCHOLARSHIPS WERE AWARDED TO GRADUATE STUDENTS WHOSE RESEARCH IS RELATED TO CONTAMINATED SITES:

- › **IBUKUN OLASANMI** – Environmental Science, UNBC, Mike Macfarlane Award
- › **JULIA BRUEGGEMAN** – Resource and Environmental Management, SFU
- › **ADAM MITTON** - Earth Sciences, SFU

TECHNICAL STUDIES

- › [HTTPS://CSAPSOCIETY.BC.CA/MEMBERS/PROFESSIONAL-DEVELOPMENT/RESEARCH-TECHNICAL-STUDIES/](https://csapsociety.bc.ca/members/professional-development/research-technical-studies/)



PERFORMANCE ASSESSMENT COMMITTEE



CHUCK JOCHEMS P.Eng., Chair

COMMITTEE:

- JASON CHRISTENSEN**, P.Eng.
- EVA GERENCHER**, P.Ag.
- GARY HAMILTON**, P.Geo.
- DAVID MITCHELL**, P.Eng.
- TARA SIEMENS KENNEDY**, P.Chem.
- SCOTT STEER**, R.P.Bio.

ACCOMPLISHMENTS

The PAC, together with the Detailed Screening sub-committee, completed the screening of 134 submissions received by CSAP in 2021-2022 and undertook 12 Performance Assessments with timelines and outcomes summarized in the statistics below. The committee's work over the past year also included:

- 12 PAs – 2 Sufficient at Stage 1; 7 Sufficient with Clarification; 0 Deficient; 3 In Progress
- Communicating “Lessons Learned”: tips for expediting Detailed Screening and regulatory changes identified in Performance Assessments in Summer and Fall 2021 + Winter 2022 CSAP Members’ Update
- Webinar on Protocol 2 Site-Specific Numerical Soil Standards conducted in September 2021
- Further refined and utilized the Focused Review process whereby narrow issues that arise out of detailed screening may be further reviewed by a Delegated Member for resolution
- Updating the PA Guidelines to provide consistency and transparency with CSAP’s submission screening and review processes
- Participated in the 4-day Contaminated Sites Learning Series with ENV in February 2022, including a presentation on the PA process
- Continued engagement with ENV to support the PA process, acceptance for well-supported professional judgment, and clarification of expectations for completeness and accuracy of submissions

Continuous improvement for the performance assessment process depends on the valued feedback from CSAP members and stakeholders. We encourage your continued input through surveys and comments.

COMMITTEE PURPOSE

The Performance Assessment Committee (PAC) is responsible for CSAP’s quality assurance process, ensuring Approved Professional recommendations for legal instruments are supported by scientifically sound technical reports prepared in accordance with the governing legislation and Ministry of Environment and Climate Change Strategy (ENV) governing legislation, protocols, procedures, and guidance. The overall goal of the performance assessment (PA) process is to confirm that the documents submitted to ENV for legal instrument application are accurate, complete, and valid. One in every eight Approved Professional recommendations is selected for a performance assessment on a random basis. Performance assessments may also be triggered by a remedial measure outcome of a previous performance assessment, a request by the ministry, or where errors are identified during the CSAP detailed screening process.

PERFORMANCE ASSESSMENT STATISTICS

- 0** COC WITH AIP IN PLACE
- 2** COC NUMERICAL
- 3** COC DET. RISK
- 2** DETERMINATION
- 1** AIP NUMERICAL
- 2** AIP DETAILED RISK

PERFORMANCE ASSESSMENT CONDUCTED

- 12** PERFORMANCE ASSESSMENTS CONDUCTED
- 7** SUFFICIENT WITH CLARIFICATION
- 2** SUFFICIENT AT STAGE 1
- 3** IN PROGRESS
- 0** DEFICIENT

PERFORMANCE ASSESSMENT TIMELINES



NOTE: Approved Professionals’ response time and Ministry of Environment and Climate Change Strategy time to release instruments not included

PERFORMANCE ASSESSMENT

- [HTTPS://CSAPSOCIETY.BC.CA/MEMBERS/PERFORMANCE-ASSESSMENT/](https://csapsociety.bc.ca/members/performance-assessment/)



DETAILED SCREENING SUB-COMMITTEE



TARA SIEMENS KENNEDY, MET, P.Chem., Chair

COMMITTEE:

- EVA GERENCHER, P.Ag.
- CHUCK JOCHEMS, P.Ag.
- DAVID NEWTON, P.Geo.
- BOB SYMINGTON, P.Geo.

- ANNA POPOVA, CSAP

OVERVIEW

This year the Detailed Screening Committee updated the Detailed Screening (DS) Worksheets to align with the 2021 regulatory changes. The updated DS Worksheets are included as an appendix in the Submission Screening Guidelines, which are available at https://csapsociety.bc.ca/wp-content/uploads/CSAP-Admin-and-Detailed-Screening-Guidance-7-Feb-2022_FINAL.pdf. The updated DS Worksheets, along with common errors and omissions, were reviewed at the Detailed Screening presentation during the BC ENV's February 2022 Learning Series. We understand that the presentation will be posted to BC ENV's website.

The DSC continues to work collaboratively with BC ENV to ensure that Protocol 6 submissions contain all necessary documentation when they are sent to the ministry. We have seen fewer comments from BC ENV statutory decision makers that review submissions, indicating that the overall quality of submissions is improving.

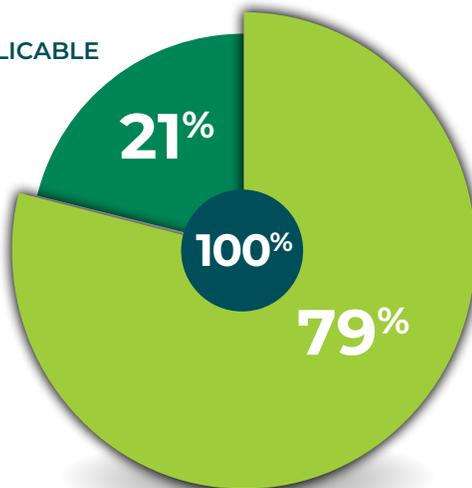
COMMITTEE PURPOSE

The Detailed Screening Committee (DSC) was established in 2014 to design and implement a Submission Screening Process to be undertaken by CSAP on behalf of ENV. The DSC meets to review Screening issues and ENV feedback to fine tune and update the Screening tools and to disseminate this information to the membership.

DRINKING WATER US APPLICABILITY

78 APPLICABLE

21 NOT APPLICABLE



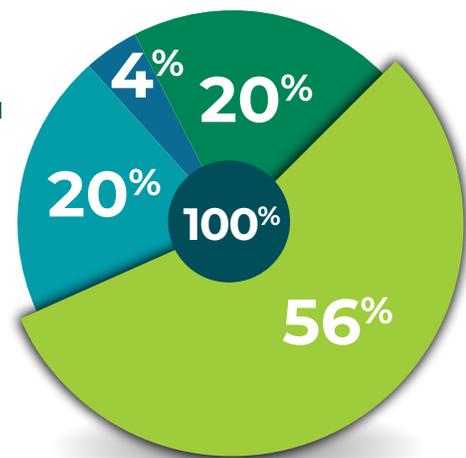
ENV DECISIONS INCLUDED IN CSAP SUBMISSIONS

5 BACKGROUND CONCENTRATION IN SOIL

14 PRE-APPROVAL

5 BACKGROUND CONCENTRATION IN WATER

1 WATER USE DETERMINATION



NOTE: One application may have multiple decisions included

DETAILED SCREENING

- > [CSAPSOCIETY.BC.CA/MEMBERS/GUIDELINES/SUBMISSION-SCREENING/](https://csapsociety.bc.ca/members/guidelines/submission-screening/)
- > [CSAPSOCIETY.BC.CA/WP-CONTENT/UPLOADS/CSAP-ADMIN-AND-DETAILED-SCREENING-GUIDANCE-_7-FEB-2022_FINAL.PDF](https://csapsociety.bc.ca/wp-content/uploads/csap-admin-and-detailed-screening-guidance-7-feb-2022-final.pdf)

ENV DECISIONS (PRE-APPROVALS, APPROVALS, DETERMINATIONS)

77 APPLICATIONS WITHOUT DECISION

25 DECISIONS INCLUDED IN SUBMISSION



GOVERNANCE COMMITTEE



PATTY CARMICHAEL, M.Sc., P.Geo., Chair

COMMITTEE:

MICHAEL GERAGHTY
M.Sc., P.Geo.

TONY GILLET, P.Eng.

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

PETER REID, P.Eng.

OVERVIEW & ACCOMPLISHMENTS

WORK UNDERTAKEN IN 2021-2022 INCLUDED:

- › Reviewing CSAP's Task Force Report on Self Reviews
- › Revising CSAP Rules with respect to Self Reviews
- › Reviewing and amending Schedule A in CSAP Rules to harmonize with the AP Indemnity Table (Exhibit "1") and ENV Procedure 3 (Table 1 re: requirements for arm's length review)
- › Appointing two new members to the Governance Committee
- › Revising the Board Member Self-evaluation form and the Board Evaluation form

COMMITTEE PURPOSE

The purpose of the Committee is oversight for the effective functioning of the Board of Directors and the committees, task forces, and any other work undertaken by the Board. The Committee is responsible for the assessment, development, and recommendation to the Board for approval of governance principles, policies, and practices for the functioning of the Board and the Society.

DISCIPLINE COMMITTEE



JASON WILKINS, P.Ag., Chair

COMMITTEE:

GARY HAMILTON, P.Geo.

VIJAY KALLUR, P.Eng.

ALAN WALKER, P.Eng.

REIDAR ZAPF-GILJE, P.Eng.

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.

OVERVIEW

- › No deficient submissions
- › No complaints requiring disciplinary action were submitted to CSAP

DISCIPLINE GUIDELINES

- › [HTTPS://CSAPSOCIETY.BC.CA/MEMBERS/DISCIPLINE/](https://csapsociety.bc.ca/members/discipline/)

MEETING ACTIVITY 2021 / 2022

DIRECTOR, INTERNAL & STANDING COMMITTEE MEETINGS

- 6** BOARD OF DIRECTORS MEETINGS
- 8** EXECUTIVE COMMITTEE MEETINGS
- 11** PERFORMANCE ASSESSMENT COMMITTEE
- 3** DETAILED SCREENING SUBCOMMITTEE
- 5** PROFESSIONAL DEVELOPMENT SUBCOMMITTEE
- 1** GOVERNANCE COMMITTEE MEETINGS
- 4** MEMBERSHIP COMMITTEE MEETINGS
- 7** ENV FACE TO FACE MEETINGS
- 6** TECHNICAL REVIEW COMMITTEE MEETINGS
- 2** ANNUAL GENERAL MEETING & PD WORKSHOP
- 3** PD WORKSHOP MEETING

SUBMISSION DETAILED SCREENING TIME



SUBMISSION PRELIMINARY SCREENING TIME



NOTE: Approved Professionals' Response time and Ministry of Environment and Climate Change Strategy time to release instruments not included.

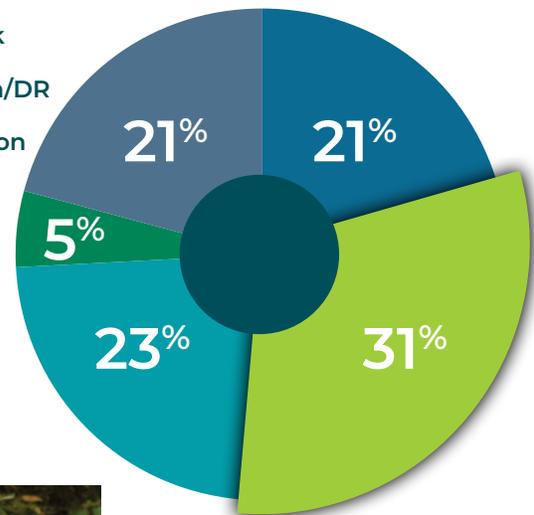
EXAM PROCESS MEETINGS

- 1** LEAD EXAM MEETINGS
- 1** NUMERICAL EXAM WORKSHOP
- 2** NUMERICAL EXAM WRITING WORKSHOP
- 2** REGULATORY EXAM WORKSHOP
- 2** REGULATORY EXAM WRITING WORKSHOP
- 2** RISK EXAM WORKSHOP
- 2** RISK EXAM WRITING WORKSHOP

68 = TOTAL MEETINGS

INSTRUMENT OVERVIEW 2021-2022

- 27** AiPs Num/DR
- 42** CoCNum/CoCSR
- 31** CoC Det Risk
- 6** CoCAiP Num/DR
- 28** Determination



Special Thanks to our Staff!



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