

## **CSAP Members Winter Update 2017**

### **MINISTRY UPDATES:**

#### Omnibus related documents

- A set of 8 webinars explaining the CSR Omnibus amendments are available [here](#):
- Re-issued [Administrative Bulletin 3](#). This Bulletin has been amended and re-posted to provide the following clarification: the advice in the document applies to both numerical and risk-based CSR instruments submitted during the transition year up to October 31, 2017. The previous version incorrectly stated that the advice in the Bulletin applied only to numerical instruments.

Any questions about this CSeLink should be directed to [site@gov.bc.ca](mailto:site@gov.bc.ca)

APs are advised to review Bulletin 3 carefully.

Submissions received at CSAP by 5:00 pm PDT Oct 31 2017 will be processed as usual including any submissions selected for a Performance Assessment; however if found deficient a resubmission would be subject to the new standards. CSAP will be assessing resources closer to Oct 31<sup>st</sup> to prepare for whatever increase in volume may occur and will do our best to maintain our timeline dependent on circumstances.

#### Detailed Screening: Risk Condition Where Ambient Monitoring is Conducted

- Through the screening process it is understood that where vapours were confirmed to have been remediated by measurement of indoor ambient air in the parkade of the new building constructed on the site, APs should confirm that there was no HVAC system operating at the time of vapour sampling and provide the rationale for concluding that worst-case samples were collected.

Amended instrument conditions in these cases the revised clause should read:

“The documents listed in Schedule D indicate that indoor air within the underground parkade of the existing building at the site was measured to demonstrate substances in vapour meet the Contaminated Sites Regulation numerical standards at the site. The assumption of the vapour assessment is:

- a) The current building structure, configuration and depth must be maintained;

Any change in the structure, configuration or depth of the current building at the site must be promptly identified by the responsible person in a written submission to the Director. An application for an amendment or new Certificate of Compliance may be necessary.”

### **CSAP COMMITTEE UPDATES:**

## **Performance Assessment Committee**

### **Detailed Screening Updates**

The PAC is reminding APs that if MoE documents (E.g., CofC, SoSCs) and PVPs require revisions during a Detailed Screening, the revised documents must continue to be supported by the original submission/reports. Please keep this in mind when responding to Detailed Screening comments.

The PAC would like the AP community to know that when issues are identified during a Detailed Screening, they are brought forward to the committee for discussion, and the committee decides whether or not to refer a submission to a DM. When a submission is referred to a DM, the DM reviews the relevant sections of the report(s) and attempts to resolve the issues. This may involve discussion with both the submitting AP and the MoE. There are 3 possible outcomes of the DM's review:

1. All issues are resolved and the submission is sent to the MoE;
2. New information or corrections are required for a limited number of issues and the issues are considered minor and would not affect the main conclusions of the reports, in which case a re-submission may be required.
3. New information or corrections are required for many issues and some of the issues are considered to be major with the potential to impact the conclusions of the report. In this case, the submission would be sent for a non-random performance assessment (NRPA). If your submission is referred by the Detailed Screener to the PAC, you will be notified.

### **Other Updates**

Submitting AP's are reminded that Metes and Bounds surveys are required where risk controls are needed and do not encompass the entire legal lot.

## **Technical Review Committee**

Prior to November 1 2017, CSAP will be reviewing draft documents being released by MOE (see list in table below\*). CSAP's Technical Review Committee will be coordinating review efforts. We are identifying potential reviewers for the documents with availability based on the timelines below (see table). We expect to have on the order of 4 weeks for review after the documents are released. If you are interested, please reply to [admin@csapsociety.bc.ca](mailto:admin@csapsociety.bc.ca) indicating which documents you are interested in and what your experience is with those documents/their content. Some remuneration for completed reviews will be available.

\*This table provides “expected” posting dates and amounts of effort, and is subject to change at any time

*Extent of change anticipated to:*

*Compiled: Dec. 21, 2016*

**Guidance documents expected to be released for comment in March 2017**

| <b>Document</b>   | <b>Nature of change</b>  | <b>Anticipated extent of change</b> |
|---|--|-------------------------------------|
| Protocol 4 – Determining background soil quality.   | Update for new SALM bckgrd regional estimates and streamline ref. site procedures. | Moderate (25 to 50% change)         |
| Protocol 18 – Criteria for establishing multiple land uses at sites.                              | Revise parceling processes for multiuse sites add criteria for new land uses, etc. | Major (> 50% change)                |
| Admin Guidance 3 – Applying for contaminated site services.                                       | Provide admin requirements for CSSAs, CS forms, etc.                               | Minor (< 25% change)                |
| Admin Guidance 5 – Approved professional recommendations relating to low and moderate risk sites. | Provide admin guidance to APs re: use, documentation of use of new leachate tests. | Minor (< 25% change)                |
| Admin Guidance 10 – site risk classification  | Include new leachate tests for site risk classification.                           | Minor (< 25 % change)               |
| Lab manual – New methods for emerging contaminants of concern.                                    | Develop/authorize official analytical methods for 18                               | Major (18 new methods)              |

|  |                 |  |
|--|-----------------|--|
|  | new substances. |  |
|--|-----------------|--|

**Guidance documents expected to be released for comment in July 2017**

| <b>Document</b>  | <b>Nature of change</b>   | <b>Anticipated extent of change</b> |
|--|---|-------------------------------------|
| Protocol 2 – Site-specific numerical soil standards.                           | Streamline requirements for development/calculation of SSS.   | Moderate (25 to 50% change)         |
| Protocol 6 – Eligibility of applications for review by Approved Professionals. | Authorize, set requirements for APs to use leachate tests.  | Minor (< 25% change)                |
| Protocol 11 – Upper cap concentrations for substances.                         | Update upper cap values to reflect new omnibus standards  | Major (> 50% change)                |
| Protocol 12 – Site risk classification, reclassification and reporting.        | Add rules/requirements re: leachate test results used for site risk classification.                                     | Minor (< 25% change)                |
| Protocol 13 – Screening level risk assessment.                                 | Add requirements related to use of leachate test results under SLRA.  | Minor (< 25 % change)               |
| Protocol C27 – Leachate testing procedures.                                    | Establish requirements related to use of leachate tests in assessing contaminated site status and need to obtain CSRAs. | Major (new protocol)                |
| Protocol C30 – Determining carcinogenic substances.                            | Set requirements related to determining if a substance is a   | Moderate (new protocol)             |

|   |   |                             |
|---|---|-----------------------------|
|   | carcinogenic substance.   |                             |
| Tech Guidance 4 – Vapour investigation and remediation.       | Update TG4 for vapour investigation/remediation in parkades.                            | Moderate (25 to 50% change) |
| Tech Guidance 7 – Supplemental guidance for risk assessments. | Update TG 7 for omnibus derivation aspects which influence risk assessment methodology. | Minor (< 25 % change)       |
| Lab manual – Method for leachate tests.                       | Develop/authorize new analytical leachate methods.                                      | Major                       |
| Lab manual – Bioavailability method for lead.                 | Develop/authorize new analytical bioavailability methods.                               | Major                       |

### **Membership Committee (Chair, Scott Steer)**

#### **The membership committee would like you to complete a brief survey regarding:**

- Should CSAP create a subscription based forum allowing members to post questions and discuss technical issues?
- Would a match up service be helpful between APs needing an arm's length reviewer with APs who need a submission to renew their memberships?

Your answers will play an important role in determining the viability of these two CSAP programs: <https://www.surveymonkey.com/r/JFG5DNZ>

#### **Request for Examination Development Volunteers:**

The Membership Committee invites interested AP's to volunteer as participants in the exam development process. The exam development panels will be selected based on experience and company affiliations.

**Exam Developer:** The time commitment is as follows:

- Write 5 exam questions by June 25, 2017. [10 billable hrs]
- Attend a 2 hr webinar, April 25 (Numerical); April 26 (Regulatory), and; April 27 (Risk). [2 billable hrs]
- Peer review of questions.
- Attend a 1.5 day exam development workshop on September: 12 & 13 (Numerical); 14 & 15 (Regulatory), and; 18 & 19 (Risk) [12 billable hrs].
- Participate in one possible follow-up conference call with exam consultants after exam development workshops.

**Experience Reviewers:** the time commitment is approximately 2–4 hours per review. Experience reviewers are paired to review each candidate’s experience presentation [maximum 4 billable hours per review].

Please indicate which position you are interested in by emailing Nelly at [npomareda@csapsociety.bc.ca](mailto:npomareda@csapsociety.bc.ca).

## **Professional Development Committee**

**Upcoming CSAP PD Webinars:** Omnibus Standards Review: Real Data-Real Results      Mar.7<sup>th</sup>

CSAP will be presenting a webinar to give the results of an initial review of the Omnibus standards and how they may change the number of exceedances found when compared to actual data. The Omnibus updates included more than 8,500 environmental quality standards that will come into effect November 1. CSAP practitioners and their clients are keenly interested in how commonly analyzed substances will be flagged under the revised standards vs the current CSR standards. This webinar will assist APs and their teams in evaluating how the Omnibus standards may affect their projects and client sites after October.

## **CSAP NEWS:**

### **Message from the President**

As we tick into mid-February and the snow starts to subside (at least at sea level) it is time to provide another update regarding the comings and goings of all things CSAP.

I would like to remind all practitioners of the requirement to complete a submission every three years. The stats indicate that most APs are getting this done, however; there still are a few that have had difficulty in getting a submission. As nobody really wants to rewrite the exam I would encourage you to keep apprised of your submission status and if you think that you may have trouble finding one within the appropriate timeframe ask other members in your firm or if needed don’t hesitate to ask others colleagues outside of your firm. Hopefully we can all find a way to help each other out and stay out of the exam room ([see survey](#)). If all else fails and you wind up writing the exam please keep in mind that the success rate is 100% for those rewriting the exam to maintain their membership.

CSAP is currently working on a number of projects regarding the Omnibus changes that hopefully members will find helpful. Of note is a project that has recently completed looking at current data and evaluating it against the new standards ([note upcoming webinar](#)). The data has been provided by several larger firms and we believe will give a good idea of how a site investigation will look after the new standards kick in. CSAP will also be providing a review of the various guidance documents that are required to support the changes in the regulations. Assistance will be required during this review cycle ([see TRC tables](#)).

I hope all goes well for everyone as the winter draws to a close, Party on and be Excellent to each other.

**CSAP is pleased to welcome our new members.**

The PA Committee will be inviting our new members to a lunch & orientation session soon.

**Numerical Standards:**

Travis Wayne Deeter, EP, P.Ag.

Paul Stuart Embregts, P.Eng.

Yu-Min Lin, P.Eng.

Bonnie Jean Marks, M.A.Sc., PMP, P.Eng.,

Michael Edmund Muttersbach, P.Geo.

Lora Jane Paul, PGY, P.Eng.

**Risk-based Standards:**

Mandeep Purewal, MET, P. Ag., R.P.Bio.

**Industry Event Calendar**

**CSAP PD Webinar      Mar.7th**

Omnibus Standards Review: Real Data-Real Results

CSAP will be presenting a webinar on March.7<sup>th</sup> at 10-11am, to give the results of an initial review of the Omnibus standards and how they may change the number of exceedances found when compared to actual data. The Omnibus updates included more than 8,500 environmental quality standards that will come into effect November 1<sup>st</sup>. CSAP practitioners and their clients are keenly interested in how commonly analyzed substances will be flagged under the revised standards vs the current CSR standards. This webinar will assist APs and their teams in evaluation how the Omnibus standards may affect their projects and client sites after October.

**Upcoming Geoenvironpro Events:**

Contaminated Sites Fundamentals Webinar Series:

1 hr sessions    Tues/Thurs      9am-10am PST      [\[detailed calendar & registration\]](#)

GeoEnviroPro's annual webinar series on contaminated sites fundamentals has been expanded to include 17 hours of the science, engineering and regulation related to Site Characterization, Risk Assessment and Remediation. Take the whole series or pick and choose those topics that matter most to you. The webinar series includes the following:

- Fundamentals in Site Characterization (April 11, 13, 18, 20, 25 and 27)
- Fundamentals in Risk Assessment (May 2, 4, 9 and 11)
- Use of Practical Statistics in Site Investigation and Risk Assessment (May 16 and 18)
- Fundamentals in Remediation (May 23, 25, 30, June 1 and 6)

<http://geoenviropro.com/webinar/>

Risk Solutions for Contaminated Sites-An Exposition of Case Studies:

May.31st

Vancouver, BC

[\[more info & registration\]](#)

In BC we have been using risk-based solutions for contaminated sites for over 25 years – it is time to profile and share our learnings. This Expo will feature case studies where risk assessment and risk management (RA/RM) have been effectively used. Look for our announcement at <http://geoenviropro.com/events/risk-solutions/> in the coming days to solicit submissions (platform and poster) for low risk sites (Protocol 6 reviews) and high risk sites (to secure instruments, under Orders, for due diligence/liability reduction, etc.). Get the word out about your novel solutions and technical advancements in RA/RM. Come and learn about how RA/RM of contamination results in meeting regulatory requirements. Whether you are a site owner, project manager, regulator or service provider – there will be content for you, as well as opportunities to mingle.

This is a 2017 risk assessment workshop you won't want to miss!

Click here for more information and to register:

<http://geoenviropro.com/events/risk-solutions/>

#### **In The News:**

**Contaminated soil trucked away from former Victoria tent city site:**

<http://www.cbc.ca/news/canada/british-columbia/contaminated-soil-trucked-away-from-former-victoria-tent-city-site-1.3985572>