



## ASTT e-News, May 2010

ASTT e-News is broadcast to ASTTBC members and registrants, Honourary Members and our many partners and colleagues. ASTT e-NEWS contains the latest information about ASTTBC's role as a self-governing professional association of technology professionals and the many services provided by the association. Each issue is posted to the ASTTBC web site.

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### ASTTBC Council Statement of Intent Regarding Professional Regulation

ASTTBC Council has approved a 'Statement of Intent for the Professional Regulation of Technologists, Technicians and Technical Specialists'. The Statement was developed to define a future direction for professional legislation and regulation based on the Alberta model proclaimed into law in November 2009. This Statement represents somewhat of a departure from ASTTBC's approach in recent years. Council decided, to the extent possible, ASTTBC should work closely with Alberta given the BC – Alberta Trade, Investment and Labour Mobility Agreement (TILMA). See the full Statement at the end of this article.

In a letter to APEGBC President Russ Kinghorn, PEng and APEGBC Council, ASTTBC President Doug Carter, CTech stated,

*"ASTTBC Council seeks a new relationship and has asked that this letter not dwell on what might have been but instead focus on what lies ahead. ASTTBC Council looks forward to joint meetings with clearly defined and mutually agreed purposes and expectations.*

*In the interests of moving toward a new professional regulatory regime that serves the public, generally suits the needs of British Columbia and helps move toward a nation-wide framework, ASTTBC Council has endorsed for discussion purposes the attached 'ASTTBC Statement of Intent Regarding the Professional Regulation of Technologists, Technicians and Technical Specialists'.*

*This "statement" is a significant shift for ASTTBC as our Council has grappled over the years with the formulation of a new regulatory approach. ASTTBC Council has agreed to consider a different approach, one that will be closely aligned with the new Alberta model. We anticipate this will be more in keeping with APEGBC's approach to the regulation of 'Professional Engineering'. This proposal serves the public interest and provides a respectful role for both associations.*

*This significant step by ASTTBC has the potential of becoming a major leap forward for all members of the Engineering Team as well as the public and government. It can surely lead to a new level of cooperation and collaboration between APEGBC and ASTTBC."*

The ASTTBC letter was copied to The Honourable Moira Stilwell, Minister of Advanced Education and Labour Market Development (Minister Responsible for the ASTT Act and the Engineers & Geoscientists Act).

ASTTBC asked for a joint meeting with the APEGBC Executive to work toward a joint proposal to the BC Government on a regulatory approach that serves the public interest and fully considers the competencies of all professionals and is appropriately respectful of ASTTBC members.

## **ASTTBC Statement of Intent for the Professional Regulation of Technologists, Technicians and Technical Specialists**

In consideration of ASTTBC's 50 years of self-regulation of technologists and technicians, 25 years of which under the **ASTT Act**, and the **BC Labour Mobility Act**, new Alberta **Engineering, Geological and Geophysical Professions Act**, TILMA and AIT, ASTTBC issues this Statement of Intent for the future professional regulation of technologists, technicians and technical specialists:

1. The basic foundation for professional regulation and self-governance is continuance of the **ASTT Act** with appropriate references to, and connections with, other professional legislation, eg the **Engineers and Geoscientists Act** (APEGBC). In this context ASTTBC is committed to a Two Acts – Two Associations model of professional regulation.
2. ASTTBC will regulate AScT, CTech and Technical Specialists and these will have rights to independent practice within the professions of 'engineering technology' and 'applied science technology' as defined, but not to the practice of 'professional engineering'
3. ASTTBC will establish joint practice boards with other regulatory bodies with restrictive practice rights, for the purpose of managing overlapping and grey practice areas.
4. ASTTBC will regulate Professional Technologist (PTech) within a joint board structure with APEGBC similar to the Alberta legislation.
5. Professional Technologist will have rights to practice 'engineering technology' and 'applied science technology' and, in addition, 'professional engineering' and 'professional geoscience' within established standards and codes as determined generally, and not individually, by the joint board.
6. The profession of 'information technology', as defined in the Alberta statute, will be considered by ASTTBC as the model is constructed.
7. In advancing this model ASTTBC will adopt all elements of the Alberta legislation that are suited to the BC framework. This commitment includes using the language of the Alberta legislation and extends to such material elements as adopting the ASET Code of Ethics. ASTTBC's commitment is to build a model between Alberta and BC that could set the stage for a potential nation-wide standard for professional regulation.

ASTTBC invites the Association of Professional Engineers and Geoscientists of BC to enter into a working relationship with ASTTBC to enable the foregoing regulatory model.

ASTTBC seeks the support of the BC Government in advancing the model.

### **APEGBC Proposes 1A – 1A Model**

APEGBC Council has decided to advance the 1 Act – 1 Association model for future professional regulation of all members of the 'engineering and geoscience teams'. **ASTTBC Council has advised APEGBC and the Minister / Government that 1A – 1A is not an acceptable model.** ASTTBC Council has referenced the Alberta, Saskatchewan and Manitoba models for consideration. ASTTBC Council has also determined it will engage in discussions with APEGBC for the purpose of developing a JOINT proposal to Government, whereas APEGBC has indicated it wishes to meet to discuss the APEGBC 1A – 1A proposal. ASTTBC continues to advise APEGBC that, as the BC Government has requested the two associations work together to come up with a joint proposal, ASTTBC is of the view there is no need to meet jointly for the purpose of exploring and validating the APEGBC 1A – 1A proposal.

### **Professional Technologist – Harmonizing BC & ALBERTA**

The *ASTT Regulations* have been changed and, with member confirmation at AGM 2010, will bring the education and experience requirements to achieve PTech in line with the new Alberta legislation. ASTTBC will then turn its attention to the implementation of PTech, and in this ASTTBC will want to engage APEGBC and secure support from the BC Government for any required legislative changes. PTech registration is NOT currently available. Stay tuned to ASTT e.NEWS for updates.

### **AIBC - ARCHITECTS ACT Changes – from ASTTBC Executive Director, John Leech, AScT, CAE**

The AIBC President, Pierre Gallant, issued a statement on May 3, 2010:

*"The most prominent one (issue of concern to members and AIBC Council) relates to the issue of titles and the related ".AIBC" designations.*

*You can rest assured that your council shares these concerns and has taken them under active consideration. We are already reviewing the issue of titles and designations for members and associates with the goal of bringing forward an approach that will not only address the concerns with clarity, but also help to increase public awareness of the architectural profession. While nothing is "in stone" as yet, consideration is being given to the following suggestions brought forth through your conversations with council:*

- *An architect should always be referred to as "architect";*
- *The ".AIBC" labels for both architects and the associate categories should be abandoned; and*
- *Clear and descriptive titles for Architectural Technologists, Building and Residential Designers need to be developed. "*

It is unclear from this message as to where AIBC is going next. IT APPEARS AIBC will drop the ".AIBC" designations in favour of something else for residential and building designers. AIBC is operating outside the intent of the Architects Act in its offering of a form of certification for residential and building designers. AIBC has no legislated role in certifying residential and building designers / technologists and technicians - this is and has been ASTTBC's role for decades.

AIBC's action to register residential and building designers offends the *ASTT Act and Regulations*, the technology professionals registered with ASTTBC, and many residential and building designers. ASTTBC does not support what AIBC is doing and has so advised AIBC and the BC Government.

ASTTBC supports changes to the Architects Act along the lines of the Saskatchewan Architects and Technologists / Technicians statutes; the Architects Act in that province provides an exemption for technologists and technicians. ASTTBC expects nothing less for BC designers / technologists and technicians.

## **TechPro: Ian Emery, RFT, ASCT, Vice President of ABCFP and an ASTTBC Member**

Ian Emery, RFT, ASCT began his career as a choker man on a 90 foot steel spar in Salmon Inlet in 1989. He learned quickly that he wanted to know more about forestry and be involved in forest management so he enrolled in the BCIT Forestry Program, graduating in 1992. After graduation, Ian began timber cruising for International Forest Products out of Campbell River, working his way into an engineering position in Port Hardy a year later.

Ian now works for Interfor as an area engineer, based out of Campbell River, working primarily in Bute Inlet. He works on the operations side of forestry planning and overseeing harvesting, participating in the higher level strategic planning. "A real perk of my job is getting my boots on the ground, breathing fresh air and hiking through the rugged beauty of our coastal mountains," he says. "I am also privileged to work with a diverse group of resource professionals like technologists and technicians, engineers, geoscientists and biologists so no day is alike and each and every day is unique and challenging."

Ian became a Registered Forest Technologist (RFT) in 2004 when the Association of BC Forest Professionals (ABCFP) took over the management of forest technologists. In 2006, he reinstated his ASTTBC membership when the 'Forest Engineering' discipline was created by ASTTBC and he now maintains dual registration.

Ian is not one to sit back and criticize; he likes to get involved and put his ideas on the table so he has been an active volunteer with the ABCFP for several years. In 2007, Ian received '*RFT of the Year Award*' in recognition of his volunteer efforts and dedication to promoting technologists with the ABCFP. In 2008, he was elected onto the ABCFP council, serving as council member at large until 2010. Ian is now the elected Vice President of ABCFP, with 3 years ahead of him as Vice-President, President and Immediate Past President.

Ian and his wife have two sons and have lived in Campbell River since 1997.

## **The First Six Registered Technology Managers (RTMgr)**

The RTMgr Certification Board appointed by Council this past October has now registered the **first six RTMgr** with more in the works.

This designation was developed specifically for ASTTBC members who are now working as or looking to move into management positions in a technology environment. A **Registered Technology Manager** is a person who has met the required standards for certification and provides supervision and/or management within a technology environment and follows the *ASTTBC Standards of Practice and Code of Ethics*. In many cases a technology manager will have achieved the required level of competency through experience. [rtmgr.asttbc.org/about.php](http://rtmgr.asttbc.org/about.php)

### **First Nations Careers Council (FNCC), Highlights of First Year**

Since its official launch in April 2009, the FNCC, an ASTTBC sponsored initiative, has been very active on a number of fronts advancing its goals to promote technology careers and the application of technology in First Nations communities.

The FNCC booth has been on display at a number of events and attended by members of FNCC and/or members of ASTTBC and ASTTBC staff. These events include:

- Aboriginal Employment & Career Fair, January 29 in Chilliwack. Bill Baglot, GradTech and Vice Chair of FNCC & Marv Woolley, ASCT attended.
- Campbell River Community Science Celebration, February 13. Tim Duerden, ASCT and Chair of the FNCC and ASTTBC Executive Director ASTTBC, John Leech, ASCT CAE attended. See [fncc.asttbc.org/](http://fncc.asttbc.org/) and [www.asttbc.org/docs/tim.pdf](http://www.asttbc.org/docs/tim.pdf)
- Prince Rupert Career Fair, March 5. Larry Mendoza, ASCT attended.
- ICT Summit, March 18 in Vancouver attended by Bill Baglot, GradTech & Jason Jung, ASCT, Manager, Technology Careers
- Community Science Celebration, April 24 in Ladysmith attended by Tim Duerden, ASCT.

The FNCC banner was on display at a number of other events including:

- Simpcw First Nations Career Fair, February 10 in Merrit with Cliff Shackelly, ASCT, a member of FNCC, attending.
- BC Science Teacher's Conference, March 25 in Kelowna attended by Bruce Stevens, ASCT, Regional Manager, Okanagan
- Community Science Celebration, April 6 in Castlegar attended by Bruce Stevens, ASCT

At each of these events the FNCC booth has attracted many young people and their families and FNCC members have been speaking with them about the potential opportunities of careers in technology. Attendance at these events has had the added benefit of increased contacts with secondary and post secondary educators, local and provincial politicians and members of industry.

Tim Duerden, ASCT and Chair of the FNCC met with the Minister of Aboriginal Relations and Reconciliation, the Honourable George Abbott who showed great interest in the FNCC's mandate and offered his ministry's assistance wherever possible.

Connections have been made with other associations and organizations across Canada including Canadian Aboriginal Science & Technology Society (CASTS) in Ottawa and the First Nations Technology Council in Vancouver. A joint Memorandum of Agreement is being prepared for signing between the FNCC and the First Nations Technology Council to enhance a working partnership in furthering the goals of both organizations.

Special bursaries/scholarships for Aboriginal Students are being established with generous financial support from Terasen Gas and BC Hydro.

The FNCC website continues to be refined, to provide First Nations students with valuable information about careers and post-secondary education in Science and Technology. [fncc.asttbc.org](http://fncc.asttbc.org)

Congratulations to Tim Duerden, ASCT Chair of FNCC and his growing FNCC team on a most productive first year.

### **\$25,000 from Terasen Gas Supports First Nations Bursaries**

Terasen Gas made a donation of \$10,000 to FEAT, the ASTTBC Charitable Foundation, at the end of 2009 with a further commitment of \$3000 each year for five years. The first ASTTBC – Terasen Gas bursary will be awarded in 2010 to a First Nations student taking a technology program at a college or institute in BC and the award will continue to be provided annually. Jan Marston, Vice President of Human Resources & Operations Governance, Terasen Gas, said, "We're proud of our ongoing commitment to building partnerships that lead to educational and vocational opportunities for First Nations students. The ASTTBC-Terasen Gas bursary will support students as they move along the education path toward a career in technology."

This bursary is for a First Nations resident of BC who is a full-time student enrolled in any technology program accredited by ASTTBC and/or CTAB. To determine if your program is eligible, please visit [www.asttbc.org/registration/technologists/programs.php](http://www.asttbc.org/registration/technologists/programs.php). Bursary selection will be based on a written statement on career goals, community involvement and financial need.

### **BC Hydro Bursaries Focus On Technology & Engineering**

BC Hydro has strengthened its focus for the Aboriginal Scholarships to attract students pursuing education in technology or engineering. ASTTBC and our Foundation, FEAT, are working with BC Hydro on this and similar initiatives to promote careers in technology. For information on BC Hydro scholarships go to [www.bchydro.com/community/community\\_investment/scholarships.html](http://www.bchydro.com/community/community_investment/scholarships.html).

### **ASTTBC's TechCLUB Open for Business!**

ASTTBC's new TechCLUB officially launched this May! Our new TechCLUB offers some of the best offers and discounts to events, hotels, restaurants, auto rental and purchase, retail savings and more that are EXCLUSIVE to ASTTBC members.

To take advantage today, go to: [techclub.asttbc.org](http://techclub.asttbc.org)

### **FEAT Bursaries Available – Apply Today!**

Are you a student in an accredited technology program in BC? Are you about to graduate from high school and enrol in technology studies?

The Foundation for Education & Advancement in Technology (FEAT) offers bursaries to first or second year students in accredited technology programs throughout British Columbia.

FEAT also offers a \$1,000 bursary for a child/grandchild of an ASTTBC member and who is graduating from high school and is planning to attend an accredited technology program at BCIT or a college in BC. Another bursary is earmarked for students who are overcoming any significant or extraordinary obstacle to pursue an education in technology, with priority being given to students with physical challenges.

In addition, the ASTTBC / TD Insurance partnership accounts for an additional three (3), \$1,000 bursaries to be awarded.

For criteria and details visit [www.asttbc.com/about/foundation/howtoappy.php](http://www.asttbc.com/about/foundation/howtoappy.php)

**NOTE: The application deadline is July 30th, 2010.**

## Member Satisfaction Survey Results Posted

ASTTBC members responded to the biennial Satisfaction Survey. Here are a few results:

- 68% are satisfied or very satisfied with ASTTBC efforts to "protect the public interest through high standards of certification and discipline"
- 56% have their annual ASTTBC dues paid by their employer
- 74.9% feel that "securing defined rights to practice for ASTTBC members" is important or a "must do".

For many more results see [www.asttbc.org/services/publications/member\\_surveys.php](http://www.asttbc.org/services/publications/member_surveys.php)

## BCIPI Attends 6<sup>th</sup> BC Real Estate Convention 2010

Members of BC Institute and Property Inspectors (BCIPI) attended the 6<sup>th</sup> Annual BC Real Estate Council conference and trade show, providing the first opportunity to display the new BCIPI booth. An estimated 5000 people attended the conference.

The traffic was fairly steady most of the time and included real estate investors, real estate agents, and the general public. Visitors to the booth were made aware of BCIPI, ASTTBC, and licensing of home inspectors. A few common questions asked were: *How is BCIPI different from other groups? How did you become a home inspector?*

Marko Langerholz, CHI and Steve Banfield, CTech, CPI were in attendance on the first day Ken McNames, CTech, CPI, Ken Mayo, CHI and Peter Link, CTech, CPI attended on the second day.

Marko commented on the new booth, *"The imagery captures two key pieces of information: BCIPI is 'the voice of certified House and Property Inspectors in BC'; and, that the inspectors are registered with ASTTBC. With the CHI and CPI very prominent those who see the booth will be left with a clear impression of the designations they consider when seeking house and property inspections."* ASTTBC's Executive Director made a commitment to the BCIPI Steering Committee that ASTTBC would provide added support in 2010 for BCIPI; the booth is one example of the resources now available to BCIPI. ASTTBC has also arranged for new car decals, advertisements in support of inspectors registered as CHI and CPI and an upgrade to the BCIPI web site.

[www.asttbc.org/docs/BCREC.pdf](http://www.asttbc.org/docs/BCREC.pdf)

## Technology Education and Careers Council - TECC

TECC was first formed in 2008 by ASTTBC to bring together leaders from industry, education and different associations, to advance technology education and careers. The TECC met recently for two days in Victoria. They met as a board and also met with various Cabinet Ministers and MLAs. One of the key meetings was with Ministers Stilwell (Advanced Education and Labour Market Development), MacDiarmid (Education) and Black (Small Business, Technology and Economic Development) who together expressed satisfaction with the meeting and a desire to meet as a similar group again.

TECC also hosted 30 MLAs from both sides of the House at lunch and met MLA Rustad and Executive Assistant to Minister of Forests and Range (Minister Pat Bell was called away and could not make meeting). TECC was given a presentation from Assistant Deputy Minister Shannon Baskerville of the Ministry of Advanced Education re Labour Marketing Information as it pertains to ASTTBC fields.

## Hon. Pat Bell Introduces TECC in Legislature

The TECC Board was introduced in the Legislature by the Hon. Pat Bell, Minister of Forests and Range.

**"Hon. P. Bell:** *It's a pleasure for me to be able to introduce to the House today the members of the Technology Education and Careers Council of British Columbia. TECC was first formed in 2008 by ASTTBC to bring together industry leaders in education, different associations, to advance technology education and training.*

*Board members today here include Sandy Innes of TELUS; Jan Marston of Terasen; Josh Blair of TELUS; Steve Cardwell of the Vancouver school board; Harry Diemer of the B.C. Safety Authority; Diane Sullivan from the B.C. Safety Authority; Andrew Hay from Okanagan College; Reid Johnson, Health Sciences Association; John Leech of ASTTBC; Debbie Nagle, the vice-president of B.C. Hydro; Grahame Rainey, president of the B.C. Science Teachers Association; Sid Siddiqui of Stantec; Bryan Tisdall of Science World; Harry Watson of Metro Testing; M.J. Whitemarsh from the Canadian Home Builders Association; Lesley Wilson, the principal of Concost Consultants; Don Wright, president of BCIT; and Glen Wonders, the vice-president of Terrane Metals.*

*They're here to meet with ministers and MLAs today, and I'd ask the House to please make them all very welcome. "*

## ASTTBC Meets with Camosun and BCIT Students

ASTTBC's Manager, Technology Careers, Jason Jung, ASCT, recently met with students from the Mechanical Engineering Technology Program at Camosun College in Victoria and students from BCIT's Biomedical Engineering Technology Program in Burnaby.

Among the topics discussed were the benefits of student membership and the value professional certification adds to one's career development. "As always, the students are very engaging and we get a lot of support from the faculty members," says Jason.

Meeting with the students gives ASTTBC a valuable opportunity to talk about the responsibilities of being a professional. Jason adds, "The Code of Ethics is always discussed at some point during our presentations. It's great to see the students understand its importance and the impact they will have as new professionals."

## ASTTBC Helps Build Spaghetti Bridges at Okanagan College

The 27th Annual Spaghetti Bridge Building Contest was again hosted by Okanagan College and ASTTBC was there as in past years as a major sponsor and supporter of this very unique event.

Middle and secondary school students from SD 23 as well as college students from Okanagan College were joined by international teams from Iran and Hungary. Teams were challenged to build towers (younger kids) and bridges (secondary school and college kids) to very strict specifications in an attempt to see whose bridge would carry the largest load. Henry Murphy, ASCT was the lead judge and overall coordinator for the event, with Bruce Stevens, ASCT there to represent ASTTBC and hand out the winners' trophies. [www.asttbc.org/docs/spaghettridge.pdf](http://www.asttbc.org/docs/spaghettridge.pdf)

## Immigrant Professionals Conference

ASTTBC was a participant in the 2<sup>nd</sup> annual conference. Geoff Sale, ASCT, ASTTBC's Manager, Internationally Trained Professionals Program, was a member on a panel discussing careers in technology and engineering. The events sponsors were MOSAIC, DIVERSEcity and Immigrant Services Society of BC.

## Big Little Science Centre (BLSC)

In a recent meeting with BLSC Executive Director Gord Stewart, ASTTBC confirmed its continued financial assistance and also agreed to make available ASTTBC staff to assist BLSC with their fund raising program. ASTTBC continues to be recognized by BLSC for ASTTBC's support. Visit [www.biglittlesciencecentre.org/](http://www.biglittlesciencecentre.org/)

If you live in the Kamloops area and you have children, be sure to check out the summer camps at [www.biglittlesciencecentre.org/summercamps.htm](http://www.biglittlesciencecentre.org/summercamps.htm)

The ASTTBC website now has a Big Little page: [www.asttbc.org/careers/students/blsc.php](http://www.asttbc.org/careers/students/blsc.php)

## ASTTBC Code of Ethics: Principle 7

**Members of ASTTBC shall: *Conduct themselves with fairness, courtesy and good faith toward clients, colleagues and others, give credit where it is due and accept, as well as give, honest and fair professional comment.***

### Amplification:

- a. Members will not maliciously injure the character or the prospects of business of another member or individual, being as careful with a colleague's reputation as with their own.
- b. Members will exercise restraint when commenting upon the work of another member.
- c. Members will not, except in cases where review is usual and anticipated, evaluate the work of a fellow member without the knowledge of, and after communication with, that member where practicable
- d. Members shall not attempt to supplant another member in a particular employment after becoming aware that definite steps have been taken toward the other's engagement.
- e. Members will not use the advantages of a salaried position to compete unfairly with another member.
- f. Members will not compete improperly by reducing charges to underbid a fellow member after having been informed of that member's charge.
- g. Members, when using designs supplied by a client or by a consultant, shall recognize and protect the ownership of the designs by the client or consultant and refrain from duplicating them for others without express permission.
- h. Members, before undertaking work for others which involves improvements, plans, designs, inventions or other records which may be copyrighted or patented, shall attempt to enter into an agreement regarding the ownership of such copyrights or patents.
- i. Members shall provide, when requested, a frank but private appraisal of employees or of members being considered for employment.
- j. Members will not use an affiliation with a non-member, a corporation or a partnership as a 'cloak' for unethical acts or to avoid acceptance of personal responsibility.
- k. Members will refrain from distorting or altering facts in an attempt to justify decisions or avoid responsibilities.

- l. Members will advise the client or employer when it appears that a project will not be in the best interests of the client, employer or the public.
- m. Whenever possible, members shall acknowledge contributions of others for work with which the member is associated and name those who were individually responsible for designs, inventions, writings or other accomplishments.
- n. Members shall be open and receptive to new approaches or criticisms offered in a positive vein, and not overly defensive regarding preconceived positions.
- o. Members may promote and advertise their work or abilities provided that:
  - o the advertising preserves the public interest by reporting accurate and factual information which neither exaggerates nor misleads,
  - o the advertising does not impair the dignity of the members,
  - o the statements do not convey criticism of other members directly or indirectly.
- p. Members will not offer to pay or agree to pay either directly or indirectly, any commission, political contribution, gift, or other considerations in order to secure work.
- q. Members will not accept compensation, financial or otherwise, from more than one interested party for the same service, or for services pertaining to the same work, unless there is full disclosure to, and consent of, all interested parties.
- r. Members will not accept financial or other considerations, including free services, from material or equipment suppliers as a reward for specifying their product.
- s. Members will not accept commissions or allowances, directly or indirectly, from contractors or other parties dealing with their clients or employer in connection with work for which they are responsible.
- t. Members will endeavor to provide prospective employees with complete information on working conditions and proposed status of employment and after employment, keep them informed of any changes in such conditions or status.

**Commentary:** Unless convinced that responsibility to the community demands it, members will not express **(a, b, c)** professional opinions which reflect on the ability or integrity of another person or organization. Contacting a member whose work is to be reviewed not only is a professional courtesy but also provides the opportunity for the exchange of pertinent information which would assist in the review. If the results of such a review demonstrate safety or environmental concerns, it is mandatory that the member responsible for the work be contacted again to review these concerns in order to provide him or her with an opportunity to comment prior to further action. (*See also Principle 9*).

If a client requests a review of the work of a member and further stipulates that this member not be contacted, the client should be advised that these instructions are contrary to the spirit and intent of the Code of Ethics. Members are entitled to review and evaluate the work of other members when so required by their employment duties and when the experience and knowledge is appropriate. For an adequate review it may be important to be aware of the nature and conditions attached to the assignment handled by the first member. Open communication should exist between the two members so that underlying assumptions are understood by the reviewing member, and so that the first member has an opportunity to respond to any comments or criticisms.

If a document is simply being read for information it is not being evaluated. The essence of evaluating is that the document be read in a critical manner and that the statements are confirmed or rejected by the reader. This process of criticism is not limited to the obvious formal full techniques of analysis and calculation; it can be quite informal and based simply upon experience.

**Commentary:** Members, when accepting assignments, should ensure this subject is introduced in pre-contract **(d)** discussions. They should not continue to seek employment on a specific engagement after being advised that another member has been selected.

**Commentary:** Members should not engage in outside technological work to an extent prejudicial to their salaried **(e)** position. Members should not use the influence of a salaried position to direct clients to an office in which they have a financial interest. Members should not use equipment, supplies, laboratory or office facilities of their employer to carry on outside practice without the employer's consent.

## Thanks From:

**Keith Meldrum** who wrote, *"I wanted to drop you a note expressing my sincere thanks; I just received word that I am to receive a Top in Technology award. I am very grateful and very humbled that you and my professional association feel I am worthy of this award. We have many, many amazing people as part of ASTTBC who are dedicated to their professions and technologies overall and I feel so honoured that ASTTBC has chosen me as one to receive this award. Please feel free to contact me at any time if there is anything that I can do or if there is any way I can assist ASTTBC and help support and advance technology in BC. Again, my sincerest thanks."*

**BC Science Teachers Association President, Graham Rainey**, said in an email to ASTTBC, *"We greatly appreciate the work that ASTTBC has done to support both Technology Careers and Education in BC. I have enjoyed working with TECC Board and ASTTBC over the past couple of years to this end."*

ASTTBC was one of the sponsors of the Catalyst 2010 conference for BC Science Teachers held in Kelowna March 26/27.

## TechACTION

### 1) Land Remediation Regulation

Administrative Guidance 9, "Independent Remediation of Contaminated Sites" describes the legal requirements for independent remediation under the *Environmental Management Act*, as well as the ministry's expectations when this remedial approach is used. The document should be reviewed carefully by consultants and contractors who carry out independent remediation.

[www.env.gov.bc.ca/epd/remediation/guidance/administrative/aq09.pdf](http://www.env.gov.bc.ca/epd/remediation/guidance/administrative/aq09.pdf)

Fact Sheet 45, "Site Risk Classification" [www.env.gov.bc.ca/epd/remediation/fact\\_sheets/pdf/fs45.pdf](http://www.env.gov.bc.ca/epd/remediation/fact_sheets/pdf/fs45.pdf) explains the requirements for classifying the risks that sites pose to human health and the environment under Protocol 12, "Site Risk Classification, Reclassification and Reporting." Protocol 12 will come into effect on June 1 and will be used in several procedures and protocols under the provincial contaminated sites legal regime. [www.env.gov.bc.ca/epd/remediation/policy\\_procedure\\_protocol/protocols/pdf/protocol12-final.pdf](http://www.env.gov.bc.ca/epd/remediation/policy_procedure_protocol/protocols/pdf/protocol12-final.pdf)

Fact Sheet 46, "Contaminated Sites Legal Instruments" summarizes the various types of legal instruments (such as Certificates of Compliance) which may be obtained under Parts 4 and 5 of the *Environmental Management Act*, and why and how they may be obtained. [www.env.gov.bc.ca/epd/remediation/fact\\_sheets/pdf/fs46.pdf](http://www.env.gov.bc.ca/epd/remediation/fact_sheets/pdf/fs46.pdf)

Send any questions or comments to [site@gov.bc.ca](mailto:site@gov.bc.ca).

### 2) Contaminated Sites Regulation

**Protocol 11, "Upper Cap Concentrations for Substances Listed in the Contaminated Sites Regulation" contains two upper cap concentration errors.** In deriving upper cap concentrations for VPHw6-10 and EPHw10-19, a 10 times multiplier was incorrectly applied to the existing Schedule 6 aquatic life water use standards of the Regulation. Consequently, the aquatic life upper cap concentrations provided in Protocol 11, Table 5, "Human and Environmental Health Water Exposure Upper Cap Concentrations" for VPHw6-10 and EPHw10-19 are 10-fold larger than appropriate.

The correct aquatic life upper cap concentrations for VPHw6-10 and EPHw10-19 are 15 000 ug/L and 5 000 ug/L respectively. These, together with any other necessary minor corrections, will be made before June 1, 2010, the effective date for this protocol.

If you have any questions, please contact [Glyn.Fox@gov.bc.ca](mailto:Glyn.Fox@gov.bc.ca).

Your comments are invited on Protocol 17, "[Requirements for Notifications of Independent Remediation and Offsite Migration](#)" by June 11. The purpose of this protocol is to provide some regulatory relief for those carrying out independent remediation. It also will standardize the content and format of forms required to report on the independent remediation of sites and on the offsite migration of substances from sites.

If you have any questions or comments please send them to [John.Ward@gov.bc.ca](mailto:John.Ward@gov.bc.ca).

### 3) Energy Performance – Part 9 Housing

In late March and early April a series of meetings were held on **government's proposed approach to increasing energy performance requirements for Part 9 housing**. To provide opportunity for further input from around the province a "notes" version of the presentation and a questionnaire on the same related questions are available at: [www.housing.gov.bc.ca/building/green/index.htm](http://www.housing.gov.bc.ca/building/green/index.htm)

**4) Water Act** More information about *Water Act* Modernization and *Living Water Smart* is available at [www.livingwatersmart.ca](http://www.livingwatersmart.ca)

**5)** Health Canada's recently released "**Hazardcheck**" provides information on environmental health hazards that may be found inside the home, including radon gas, carbon monoxide, lead and mould. The guide also provides general advice on what people can do to reduce their exposures, and what parents can do to create healthy surroundings for their children.

Order copies of the guide from [www.HealthyCanadians.gc.ca/Hazardcheck](http://www.HealthyCanadians.gc.ca/Hazardcheck) or phone 1-800-O-Canada.

**6)** The **BCEIA hazardous Waste Committee is seeking knowledgeable volunteers** to be take part in Committee activities. Meetings and information exchanges take place quarterly (or on an "as required" basis when emergency situation arise). You can be part of the first line of defense to ensure that hazardous wastes in British Columbia are managed properly. Call or e-mail to Dave Rogers, Chair of the BCEIA Hazardous Waste Committee c/o Phone: 250.656.3382 (Toll Free 877-326-2832) Fax: 250.656.4619 or e-mail at [daverogers@bchazmat.com](mailto:daverogers@bchazmat.com)

## TechEVENTS

**ASTTBC Annual General Meeting**, May 28, Burnaby, including technical sessions and Top in Technology Award presentations. See more information at top of this issue. [www.asttbc.com/agm](http://www.asttbc.com/agm)

**Nominations for the 2010 MISTIC Science, Technology & Innovation Awards** is now open. [www.mistic.bc.ca/events\\_nominationform.php](http://www.mistic.bc.ca/events_nominationform.php)

**Laboratory Safety Course**, May 31 – June 1, Toronto, presented by the Chemical Institute of Canada and the Canadian Society for Chemical Technology to enhance the knowledge and working experience of chemical technologists and chemists, [www.cheminst.ca/profdev](http://www.cheminst.ca/profdev)

**Washington Regional Green Roof/Wall Conference & Training**, June 1-2, Washington, DC, <http://quest.cvent.com/EVENTS/Info/Summary.aspx?e=1f72731c-c2ab-44a7-82e3-6747cae66dc5>

**Physical Controls on Water Quality in Lakes and Reservoirs Seminar**, June 2, Vancouver, [secure.apeq.bc.ca/imisCustom/Events/PDEventsListing.aspx](http://secure.apeq.bc.ca/imisCustom/Events/PDEventsListing.aspx)

**Planning In Action: Transforming Community, June 1-4**, Sunpeaks, the Planning Institute of BC Annual Conference. [quest.cvent.com/i.aspx?5S%2cM3%2c1097b58b-609d-421e-ad6d-a9d67e25fad6](http://quest.cvent.com/i.aspx?5S%2cM3%2c1097b58b-609d-421e-ad6d-a9d67e25fad6)

**Power Stability and Control Seminar**, June 1-4, Vancouver, [www.apeq.bc.ca/prodev/events/power\\_system\\_stab.html](http://www.apeq.bc.ca/prodev/events/power_system_stab.html)

**Contaminated Site Investigation: Planning, Field Sampling, and Interpretation, June 2 -3, Burnaby**, two companion seminars providing training in investigation of contaminated sites: Day 1 - Soil and Groundwater Sampling and Day 2 - Sampling of Soil Vapour and Other Media, [www.geoenvirologic.ca](http://www.geoenvirologic.ca)

**Time Management, June 3, Surrey**, [www.apeq.bc.ca/prodev/events/timemgmt\\_surrey10.html](http://www.apeq.bc.ca/prodev/events/timemgmt_surrey10.html)

**2010 BC Community Forest Association Conference and AGM, June 3-6, Westbank**, [www.bccfa.ca](http://www.bccfa.ca)

**Fifth Annual Risk Symposium, June 4, Vancouver**. Share ideas and debate risk assessment as practiced in BC. [www.geoenvirologic.ca](http://www.geoenvirologic.ca)

**BC Resources Expo 2010**, June 3-5, Prince George, [www.bcresourcesexpo.com/](http://www.bcresourcesexpo.com/)

**Engineers @ the Heart of Society: Collaborating + Innovating for Our Common Future Institution of Civil Engineers 2010 Americas Convention**, June 3-5, Vancouver, [ice-americasconvention2010.weebly.com/uploads/3/8/2/2/3822230/ice\\_americas\\_convention\\_program.pdf](http://ice-americasconvention2010.weebly.com/uploads/3/8/2/2/3822230/ice_americas_convention_program.pdf)

**Wastewater Treatment and Biosolids Management-Warming to Measurement Management and Mitigation of Greenhouse gas Emissions in a Changing Climate**, June 4, Burnaby, [www.bcwwa.org/Seminars.php](http://www.bcwwa.org/Seminars.php)

**Hydraulic network Modeling of Water Distribution Systems Seminar**, June 4, Prince George, [www.apeq.bc.ca/prodev/events/hydr\\_net\\_model\\_pg.html](http://www.apeq.bc.ca/prodev/events/hydr_net_model_pg.html)

**Fifth Annual Risk Assessment Symposium**, June 4, Vancouver, [www.geoenvirologic.ca/](http://www.geoenvirologic.ca/)

**Assessing the Vulnerability of Infrastructure**, June 7, Vancouver, June 8, Victoria, and June 9 Kelowna, APEGBC Engineers Canada Joint Workshop, [secure.apeq.bc.ca/imisCustom/Events/PDEventsListing.aspx](http://secure.apeq.bc.ca/imisCustom/Events/PDEventsListing.aspx)

**Performance Matters – Canada Green Building Council National Building 2010 Conference**, June 8-10, Vancouver, sponsored by Canada Green Building Council, [www.caqbc.org/caqbc/conference/index.php](http://www.caqbc.org/caqbc/conference/index.php)

**CSCE 2010 Annual Conference- Engineering a Sustainable World**, June 9-12, Winnipeg, [www.csce.ca/annual/](http://www.csce.ca/annual/)

**Geosynthetic Reinforced Soil Seminar**, June 10, Vancouver, [www.apeq.bc.ca/prodev/events/GRS\\_Van\\_June10.html](http://www.apeq.bc.ca/prodev/events/GRS_Van_June10.html)

**Engineering Economics and the Business Case**, June 10, Surrey, [www.apeq.bc.ca/prodev/events/eng\\_economics.html](http://www.apeq.bc.ca/prodev/events/eng_economics.html)

**Metabridge – 20 Global Technology Leaders in Okanagan**, June 10-11, Kelowna, [www.metabridge.ca/index.php?option=com\\_content&view=article&id=8&Itemid=9](http://www.metabridge.ca/index.php?option=com_content&view=article&id=8&Itemid=9)

**Hydraulic Network Modeling of Sanitary Sewer Collection Systems Seminar**, June 11, Victoria, [www.apeq.bc.ca/prodev/events/sewer\\_model\\_vic\\_10.html](http://www.apeq.bc.ca/prodev/events/sewer_model_vic_10.html)

**Tender and RFP Law after the Supreme Court of Canada's Decision with Tercon**, June 11, Vancouver or via WebEx, [www.apeq.bc.ca/prodev/events/tender\\_rfp\\_law\\_jun10.html](http://www.apeq.bc.ca/prodev/events/tender_rfp_law_jun10.html)

**Law & Ethics Seminar**, June 14-15, Vancouver, [www.apeq.bc.ca/prodev/lawethics/lawethics\\_seminar.html](http://www.apeq.bc.ca/prodev/lawethics/lawethics_seminar.html)

**Program Evaluation: What You Need to Know**, June 14-15, Vancouver, [www.asc4solutions.com/ASCWS\\_ProgramEvaluation.html](http://www.asc4solutions.com/ASCWS_ProgramEvaluation.html)

**FutureGrid: BC's Energy Options in a Changing Environment – Pacific Institute for Climate Solutions**, June 14-16, Vancouver, Take a critical look at BC's energy options and policy choices from global, continental, regional and local perspectives. [www.pics.uvic.ca/assets/pdf/FutureGrid\\_evite.pdf](http://www.pics.uvic.ca/assets/pdf/FutureGrid_evite.pdf)

**Better Business Group**, June 15, Vancouver, [www.apeg.bc.ca/prodev/events/business\\_resource\\_group.html](http://www.apeg.bc.ca/prodev/events/business_resource_group.html)

**Canadian Water Resources Association 63<sup>rd</sup> Annual National Conference**, June 15-18, Vancouver, [www.cwra.org/national\\_conference.html](http://www.cwra.org/national_conference.html)

**BC Safety Authority Annual Public Meeting**, June 16, New Westminster, [www.safetyauthority.ca/?q=annual\\_public\\_meeting\\_2008](http://www.safetyauthority.ca/?q=annual_public_meeting_2008)

**Ecological Sustainability of Forest Biomass Harvesting**. June 16, Victoria, part of the BC Ministry of Forest and Range Research Branch Seminar Series. Participants can also attend via conference call. [www.for.gov.bc.ca/hre/Research\\_Seminars/index.htm](http://www.for.gov.bc.ca/hre/Research_Seminars/index.htm)

**Influencing Decisions: Politics in Project Management**, June 16, Vancouver, [www.apeg.bc.ca/prodev/events/influencing\\_decisions.html](http://www.apeg.bc.ca/prodev/events/influencing_decisions.html)

**Planning for the Crown-Settlement Interface Lands: Conference and Workshops**, June 16-18, Smithers, [www.bvcentre.ca/interface2010](http://www.bvcentre.ca/interface2010)

**Project Management: A Team Approach**, June 17-18, Kelowna, [www.apeg.bc.ca/prodev/events/project\\_mgmt\\_kelowna.html](http://www.apeg.bc.ca/prodev/events/project_mgmt_kelowna.html)

**Hydraulic Network Modeling of Sanitary Sewer Collection Systems Seminar**, June, 18, Fort St. John, [www.apeg.bc.ca/prodev/events/hydr\\_net\\_model\\_fsj.html](http://www.apeg.bc.ca/prodev/events/hydr_net_model_fsj.html)

**Building Information Modeling Seminar**, June 18, Vancouver, [www.apeg.bc.ca/prodev/events/bim\\_2010.html](http://www.apeg.bc.ca/prodev/events/bim_2010.html)

**Taking Climate Action in the Cariboo/Prince George Region**, June 21-23, University of Northern British Columbia, Prince George, a regional event to bring together community and public sector leaders who are working to reduce carbon pollution, save money and transition to a green regional economy.

**The Climate Registry's Annual North American Policy Forum**, June 22-23, Chicago, [events.theclimateregistry.org/events/view/6](http://events.theclimateregistry.org/events/view/6)

**Uninterruptable DC Supplies and Supply Components**, June 22-24, Burnaby, [www.apeg.bc.ca/prodev/events/uninterruptable\\_dc\\_supplies.html](http://www.apeg.bc.ca/prodev/events/uninterruptable_dc_supplies.html)

**Advanced Degradation Fundamentals and risk Based inspection in chemical and Hydrocarbon Processing**, June 24-25, Vancouver, [www.apeg.bc.ca/prodev/events/advanced\\_degradation\\_fundamentals%20.html](http://www.apeg.bc.ca/prodev/events/advanced_degradation_fundamentals%20.html)

**Project Management: A Team Approach**, June 25-26, Castlegar, [www.apeg.bc.ca/prodev/events/project\\_mgmt\\_castlegar.html](http://www.apeg.bc.ca/prodev/events/project_mgmt_castlegar.html)

**Building Envelope Systems & Technologies International Conference**, June 27-30, Vancouver. Hosted by National Research Council Canada, this worldwide forum will provide exchange of information and discussion of developments in building envelope engineering for researchers, engineers, designers and manufacturers. [www.icbest.ca/](http://www.icbest.ca/)

**2010 International Congress on Environmental Modelling and Software**, July 5-8, Ottawa, Potential topics include: agricultural sustainability and food safety; adapting to a shifting climate; water resources management; ecosystem service issues; integrated modelling frameworks etc. [www.iemss.org/iemss2010/](http://www.iemss.org/iemss2010/)

**UBC/UW Summer Institute in Sustainability**, July 5-9, University of British Columbia, Vancouver. Learn the principles, best practices and practical skills necessary to make sustainability the foundation of your organization's on-going operations. [cstudies.ubc.ca/sustainability/summerinstitute/index.html?utm\\_source=SIS-email&utm\\_medium=email&utm\\_campaign=email-1003-SISUD](http://cstudies.ubc.ca/sustainability/summerinstitute/index.html?utm_source=SIS-email&utm_medium=email&utm_campaign=email-1003-SISUD)

**ICEE 2010 Conference**, July 18-22, Gliwice, Poland, [www.ineer.org/iNEERInfo/Proposal-2010\\_ICEE\\_Gliwice\\_2010\\_WA2.pdf](http://www.ineer.org/iNEERInfo/Proposal-2010_ICEE_Gliwice_2010_WA2.pdf)

**UBC Summer Institute in Sustainable Urban Design**, July 18-23, University of British Columbia, Vancouver. Course includes global perspectives, innovative and transferable tools, leading-edge projects, green building design and rating systems <http://www.cstudies.ubc.ca/sustainability/sustainable-urban-design/program.html>

**8<sup>th</sup> International Conference on Short and Medium Span Bridges – 2010**, August 3-6, Niagara Falls, [www.csce.ca/2010/smsb](http://www.csce.ca/2010/smsb)

**Canadian Quality Congress**, August 23-25, Toronto, [www.canadianqualitycongress.com/](http://www.canadianqualitycongress.com/)

**Reclamation from Planning to Closure** from the Canadian Land Reclamation Assoc., September 20-23, Courtenay, [www.clra.ca/10-09-20-AGM-Announcement.pdf](http://www.clra.ca/10-09-20-AGM-Announcement.pdf)

**Contaminated Sites in the Oil and Gas Sector in Northeast BC, September 30 - October 1 (tentative), Fort St. John.** The third session of contaminated sites seminars will focus on contaminated sites issues for the oil and gas sector, and the interconnection between the Contaminated Site Regulation and the Oil and Gas Regulation. [www.geoenvirologic.ca](http://www.geoenvirologic.ca)

**Laboratory Safety Course, Oct 4-5,** Calgary, presented by the Chemical Institute of Canada and the Canadian Society for Chemical Technology to enhance the knowledge and working experience of chemical technologists and chemists, [www.cheminst.ca/profdev](http://www.cheminst.ca/profdev)

**Gaining Ground 2010 "Ecological The Power of Green Cities to Shape the Future "**, October 4-7, Vancouver,  
Gaining Ground 2010 will promote Vancouver's green economy, vision, culture, and achievements [www.civicinfo.bc.ca/event/GainingGroundVancouver.asp](http://www.civicinfo.bc.ca/event/GainingGroundVancouver.asp)

**Human Dimensions of Natural Resource Management,** October 6-7, Revelstoke, BC. "Learn how addressing human dimensions can make decisions more robust and plans more likely to be implemented successfully." Organized by the Columbia Mountains Institute, [www.cmiae.org/Events/#HDconference](http://www.cmiae.org/Events/#HDconference)

**Hydrology Conference 2010 – The Changing Physical and Social Environment: Hydrologic Impacts and Feedbacks,** October 11-13, San Diego, CA, [www.hydrologyconference.com/](http://www.hydrologyconference.com/)

**BC Hydro's Power Smart Forum,** Oct. 25-27, Vancouver, [www.bchydro.com/forum](http://www.bchydro.com/forum)

**2010 MISTIC Science, Technology & Innovation Awards,** November 3, Nanaimo, [www.mistic.bc.ca/events\\_awards.php](http://www.mistic.bc.ca/events_awards.php)

**Fundamentals Of Local Government Corporate Administration,** September 9 -11 & November 4-6, Richmond, [www.capilanou.ca/programs/local-government](http://www.capilanou.ca/programs/local-government)

**Building Sustainable Communities,** Nov. 16-18, Kelowna.  
[www.freshoutlookfoundation.org/conferences/bsc10/bsc10.asp](http://www.freshoutlookfoundation.org/conferences/bsc10/bsc10.asp)

**Cities Alive! 8<sup>th</sup> Annual Green Roof & Wall Conference,** Nov 30-Dec 2, Vancouver, [vancouver.citiesalive.org/](http://vancouver.citiesalive.org/)

## **Courses of Potential Interest to Members**

### **SFU Certificates For Mid-Career Professionals Apply by July 16, 2010.**

SFU City Program is now accepting applications for the Fall 2010 cohort of the Sustainable Community Development Certificate and the Urban Design Certificate Program. Programs are part-time and designed for mid-career professionals and include eight 2 and 3-day courses over 10-18 months.

#### **Professional Certificate in Local Government Administration**

Fall 2001 courses and locations are:

PADM 200 - Local Government Administration in BC (Capilano University, **North Vancouver** Campus)

PADM 201 - Local Government Services in BC (offered in Parksville and at Capilano University, **North Vancouver** Campus)

PADM 203 - Municipal Law in BC (**Kelowna**)

Each course is 6 days in length offered one weekend a month for three months. For course dates and to register see: [www.capilanou.ca/Assets/local-government/pdf/Fall+2010+Dates.pdf](http://www.capilanou.ca/Assets/local-government/pdf/Fall+2010+Dates.pdf). For information contact Alison McNeil, Local Government Programs, Capilano University [amcneil@capilanou.ca](mailto:amcneil@capilanou.ca) or 604-990-7907.

**Editor's note:** Occasionally we are sent information on courses/ professional development that could potentially be of interest to members. However, there are undoubtedly many others and far too many to include here. A partial list of possible sources for courses/ professional development follows:

AIBC [www.aibc.ca/member\\_resources/professional\\_dev/index.html](http://www.aibc.ca/member_resources/professional_dev/index.html)

APEGBC [secure.apeg.bc.ca/imisCustom/Events/PDEventsListing.aspx](http://secure.apeg.bc.ca/imisCustom/Events/PDEventsListing.aspx)

FORREX [www.forrex.org/tools/maillinglists.asp](http://www.forrex.org/tools/maillinglists.asp)

Columbia Mountains Institute of Applied Ecology [www.cmiae.org/](http://www.cmiae.org/)

Selkirk Management Services [www.selkirk-management.com/events.html](http://www.selkirk-management.com/events.html)

Also check out the Continuing Studies at BCIT and all of the universities and colleges in British Columbia.

**Note:** for more information on events and seminars go to [www.asttbc.org/services](http://www.asttbc.org/services)

[/coming\\_events.php](#) and [www.asttbc.org/services/cpd/seminars.php](http://www.asttbc.org/services/cpd/seminars.php)

**For a glimpse of what's new at ASTTBC go to [www.asttbc.org/services/whatsnew.php](http://www.asttbc.org/services/whatsnew.php)**

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