



MINUTES OF THE

SECOND PLUMBING SUB-COUNCIL MEETING OF 2019

DATE: April 30, 2019

TIME: 9:00 a.m. – 1:40 p.m.

LOCATION: Safety Codes Council Office

PRESENT: Sub-Council Members
David Hughes, Chair
David Dallaire
Mark Harrold, Vice Chair
Tim Kosolofski
Angus Potskin
Shawn Van Velzen

Safety Codes Council
Susan Rossmann, Allison Karch, Kathryn Derkach

Alberta Municipal Affairs
Sidney Manning, Dean Morin, Claude Valliere

REGRETS: Stephen Dussault, Paul Fullam, Quenton Kusiek, Ken Morrison

RECORDER: Sandi Orr

2019 MEETINGS: October 1 (date change), December 3

2019 CONFERENCE: May 29 to 31, 2019

1. Meeting Opening

The Chair called the meeting to order at 9:07 a.m. and a round table introduction was held. Members were reminded that the primary duty of all Council Members is to act in the interest of safety in the built environment for the benefit of all Albertans.

1.1. Agenda Adoption

The following item was added to the agenda:

- 4.10 – In-Camera Discussion

Mark Harrold / Tim Kosolofski moved to adopt the agenda, as amended; CARRIED

1.2. Adoption of January 29, 2019 Minutes

The draft minutes were included in the portal and reviewed. The title of item 4.1 on Page 9 was corrected to read “Lav”

David Dallaire / Mark Harrold moved to approve the January 29, 2019 meeting minutes, as corrected; CARRIED

2. Matters for Decision

There were no Matters for Decision identified.

3. Review Matters Arising/Action List

	Item	Action	Date	Responsible	Status/Update
1.	Water Quality re. Water Reuse Alternative Solutions	Bring forward further policy documents from Alberta Health Services and Alberta Environment.	Jan 24/17	Manning	Making progress, no timelines yet, ongoing
		Research water quality topics (Water Safety Plans, Log Reductions, DALY)	May 22/18	Hughes, Harrold, All	Ongoing
		Meeting update from Edmonton: Jan 30 & Feb. 7 Calgary: Feb. 12 & Feb. 13	April 24/19	All / Manning	Good discussion and interesting perspectives at the meetings
2.	Requirements for Combination Heating Systems: Dual Purpose Water Heater	Provide updates on changes to CSA B214. UPDATE: CSA B214 meeting last week, moving forward at a rapid pace, next meeting in June 2019. Presentation provided at AMOS spring meeting on Legionella.	May 2/17	Hughes / Manning	Ongoing

	STANDATA	Investigate a path forward for the expired STANDATA in light of any changes to CSA B214. UPDATE: The STANDATA is referenced across Canada, there are some challenges with the weight of the STANDATA. The Administrator will report back from the CSA Strategic Steering Committee in the Fall.	May 2/17	Manning	Ongoing
3.	Low Temperature Testing	Report back from NSF relative to NSF/ANSI 40 and NSF/ANSI 350 – if there is no longer a Canadian standard, this should be addressed in NSF standards.	Dec 5/17	Morin	On hold, nothing new to report
4.	Removing Sewer and Water Service Restricted Certification	Provide feedback from industry on whether removing this certification would create hardship for the industry. UPDATE: Brought up at AMOS last week, a small amount of feedback received. A few larger municipalities still use it.	Jan 30/18	All / Harrold/ AMOS	Ongoing, this will remain status quo until further direction received
		Work on next steps & templates	May 22/18	Manning/ Morin	Ongoing
5.	Temporary Work Camps	Provide feedback on the guidance document for TWCs Document available in the Private Sewage Working Group Folder. UPDATE: Second draft has been developed, some of the industry challenges were explained, improvements are being made	Jan 30/18	All	In progress
6.	Cisterns – Scope of Plumbing Code	Work with AMA on how to address cisterns in the code. UPDATE: A Code Change Request is being drafted for the NPC 2025	Sep 18/18	Hughes/Dallaire/ Kosolofski/ Harrold	Ongoing
7.	Legionella	Members are encouraged to review the <i>Legionella—Who’s Addressing the Risks in Canada?</i> document for potential future discussion. UPDATE: Discussed at AMOS and more significant than expected	Dec 4/18	All	This item was considered closed and will be removed from the action list
8.	NPC 2015 Revisions and Errata	Paul Fullam will work with the Council to review course material and exam questions to identify any changes that should be made as a result of the errata being issued. UPDATE: Reviewed course material and met with Training Department; changes have been addressed.	Dec 4/18	Council Administration / Fullam	This item was considered closed and will be removed from the action list

9.	PSDS SOP	An updated 3-column document on proposed changes needed to the SOP will be added to portal in the PSDS Working Group folder.	Jan 29/19	Morin	Ongoing; reported in detail in PSDS Administrator's report
10.	Combination Water Closet and Lav	Further research is being done to gather more information and whether there are any risks if these appliances are allowed in Alberta. UPDATE: No specific changes relative to certification of products	April 25/19	Manning	This item was considered closed and will be removed from the action list

4. Matters for Discussion

4.1. Pressure Equipment Sub-Council Draft Recommendation on Refrigeration Systems

A Fernie investigation report was included in the portal, along with excerpts from the PESC minutes. The Sub-Council was asked to review the recommendations from the PESC to provide feedback on whether there is support or any concerns.

The Plumbing Sub-Council had no concerns with the recommendations and believes that it will greatly assist the refrigeration industry. From the Plumbing Code perspective, there were no challenges or conflicts.

4.2. Reference Standards

4.2.1. NSF

The following was reported:

- NSF 40 is in the process of summarizing the recent survey results
- Changes to other NSF documents are ongoing
- Hopefully more updates will be available by the next meeting
- An overview was provided of work being done relative to Waste Water Package Plants
- Work is being done to address the many overlaps between Standards
- An update was provided on CAN/BNQ 3680-600 Onsite Residential Wastewater Treatment Technologies

The led to a discussion regarding the CETA Agreement and the forthcoming challenges regarding construction products manufactured in Europe and certified to Canadian standards. Although not a lot of plumbing products are being seen yet, the number is expected to increase. The increase in certification labels with Canadian identifiers will present a challenge for SCOs. CIPH has one of the best list of labels, but there seems to be a disconnect on the international level. Currently, SCOs who are unsure about certification marks can contact AMA for assistance.

It was further reported that the Standards Council of Canada is encouraging participation relative to world standards development and this will be challenging for standards organizations to manage. Requests may come forward to see if there is interest in participation at the international standards level.

4.2.2. ULC

There was nothing new to report.

4.2.3. CSA

The following report was provided:

- Work continues at a rapid pace relative to CSA-B214—Installation Code for Hydronic Heating Systems
- CSA-B66—Design, material, and manufacturing requirements for prefabricated septic tanks and sewage holding tanks is in mid-cycle
- An update was provided on public consultations

4.2.4. ASSE

There was nothing additional to report.

4.3. NPC 2020 Working Group Report

The Working Group is continuing to review the proposed changes. These cannot be put into a 3-column document yet until the changes are finalized. Members were welcomed to remain after the meeting to continue reviewing the changes.

4.4. PSDS Working Group Report

There was nothing new to report as the last meeting was postponed to June.

4.5. AMOS Report

Mark Harrold reported the following

- The recent AMOS meeting went very well
- New President – Rick Baxter
- Kevin Wong did an excellent presentation on Legionella
- Public Speaking Seminar was excellent
- Unfortunately AMA was unable to attend because of the Elections Act
- AMOS meetings seem to be more successful since adding educational courses because employers are seeing greater value in sending their SCOs

A request from a member was received regarding drainage of elevator pits and the belief that a sump and backwater valve should be required in this specific case because it drains into the sanitary system. The Administrator reported that AMA's interpretation is that a sump is required to protect the elevator but there is always opportunity for the AHJ to consider a variance if an equal or greater level of safety can be proven.

4.6. AMA/Administrator Report

The Plumbing Administrator's written report was included in the portal and an overview was provided on the following:

- NPC 2020 being developed by NRC's Plumbing and HVAC standing committee and an update was provided from their annual meeting in Halifax in mid-April
- Public consultation was completed in the Fall 2019 and feedback reviewed by the standing committee; a lot of feedback on water reuse and rainwater harvesting
- Water reuse public consultation
 - Water Reuse and Resource Recovery in Canada Quarterly Project Update was included in the portal
 - Once Guideline publication is completed, this will likely trigger changes to the website and STANDATAs
- Scope of plumbing systems
 - All activities with plumbing and drainage on a single property including irrigation unless regulated by other ministries
- The Council has included a direct link in the portal to the safety codes section of the new AMA website
- Relaxing code vs variances/Alternate solutions
- ABS drainage totally encased in spray foam may result in fracturing due to expansion and contraction
 - Photographs were shown of ABS drainage failures and further investigation is being done to determine the root cause but too early to make any assumptions

The Private Sewage Administrator reported the following:

- The major focus right now is on the SOP; there will be a lot of work to amalgamate the Handbook and the SOP and a 4-column document is under development
- Four approaches are being taken with the handbook material:
 - Should a code change be made
 - Should further clarification be listed in appendices
 - Some are education resources
 - Some could be considered training material
- Feedback has been provided to the Council's training department regarding revisions to course material
- A lot of information about new technologies has been brought up
- Continuing to work with the Certification Review Committee

- Continuing to work with local authorities regarding variances, a final date has still not been determined regarding when the responsibilities will shift to the accredited municipalities

4.7. TCC Report

The Chair reported that he was unable to attend the last TCC meeting. The Council provided a brief overview of the meeting. More details can be found in the draft minutes posted in the TCC March 5th meeting folder in the portal, which is viewable for all Council members.

4.8. Council Updates

The following was reported:

- New Minister of Municipal Affairs was just announced – Kaycee Madu
- A brief update on the Conference was provided
- Starting in September 2019, the agenda will be posted 2 weeks in advance of the meeting; all requests for additions need to be submitted to the Chair at least 3 weeks in advance of the meeting.
- PSDS Working Group was postponed and is now scheduled for June 5, 2019

4.9. Plumbing Insights from Other Countries

The Chair provided a presentation on screen from his recent trip to Uganda for work on College and Vocational Technical Institute partnerships. The presentation included photographs of various construction practices for plumbing and building.

Some observations included:

- A lot of pipe bending done by hand – both galvanized and polypropylene
- Use of galvanized fittings with polypropylene piping
- Open fire kitchens
- No public water supply system

Photos were also shown from the trade show and plumbing skills competition at ISH in Germany, including unique plumbing fixtures and ways to ensure there are no dead end lines in potable water systems.

4.10 In-Camera Discussion

An in-camera session was held. After the in-camera session, the following recommendation was brought forward.

Mark Harrold / Tim Kosolofski moved to recommend to the Board the creation of a separate sub-council to address the needs of the Private Sewage discipline; CARRIED

5. Meeting Finalization

5.1. Meeting and Agenda Feedback

There was nothing further brought forward.

5.2. Next Meeting

The next meeting was changed to Tuesday, October 1, 2019 at 9:00 a.m. at the Council office.

5.2.1. Conference and AGM

Members were reminded of the Conference and AGM from May 29-31, 2019 in Banff at the Rimrock Hotel.

5.3. Meeting Adjournment

The meeting was adjourned at 1:40 p.m.

--- M O T I O N S ---

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