

Canadian National Water Efficiency Network
MEETING NOTES

Monday June 3, 2013
11:00 am – 2:00 pm
Halton Regional Building
Glen Lawson Room, 1151 Bronte Rd, Oakville

Attendees:

Kristy Baidy	Johann Manente
Kathy McAlpine	Kim Wright
Glen Pleasance	Wayne Galliher

Teleconference Attendees:

Mary Ann Dickinson	Diane Green
Cate Soroczan	Brent Houle
Naomi Herold	Krista Vopicka
Mathieu Laneuville	John Koeller

- 1) **Meeting Notes**- no changes
- 2) **Additions to Agenda** – no changes
- 3) **Administration:**
Johann reviewed first Quarter Financials.
CNWEN Board of Directors approved the Financial Statements dated December 31, 2012.

Presentation:

Water Efficiency and the National Plumbing Code (NPC)

Diane Green, National Research Council – Tech Advisor for Plumbing and Heating Comm.
(*presentation attached*).

NPC has been historically driven by issues of public health. In 2011 added a new objective to address excessive use of water. Water use considerations are source neutral. Only looking at water used by building.

Code covers water used by plumbing and HVAC systems. Code changes to include enabling requirements to include voluntary products eg. Rain Water Harvesting (RWH). Manufacturing water use is not covered.

NPC Phase 2 changes include labelling; eg; pipe labelling for dual systems.

The Federal code has lagged behind a number of Provincial codes. The Provinces and the Canadian Homebuilders Association have been requesting a harmonization of codes between the provincial and federal codes.

Potential code changes will be under review from September – November 2013. WaterSense level code items are under consideration.

The RWH component (Phase 2) will be much tougher to include in the NPC than the WE components.

Phase 1 is scheduled for adoption in 2015, Phase 2 is likely 2020.

- 4) Kathy provided some background on CNWEN's membership and research activities.

Action Item ; Cate Soroczan will assemble a Work Process Flow Chart of the NPC Task Group. Our suggestions for Code changes should go to or through Cate with copies to Bill Gauley and John Koeller.

5) **AWE Update – Mary Ann Dickinson (moved up)**

- (i) Royal Bank of Canada (RBC) Blue Water Funding Grant of \$60K was awarded to AWE for Phase 2 of the Sustainable Plumber Project (Green Plumbers). CNWNE is grateful to AWE staff for their support to Project Manager (Kirk Stinchcombe of Econics).
- (ii) The Home Water Works Website, Canadian Section, is being Beta Testing by Glen and Bill. They found several problems, including how the Postal Code is inputted. There is no accommodation for the space. This is critical as the postal code interfaces with outdoor water use data. Also found ET estimates are too high, Bill and Peter are fixing. Exponents in some equations need to be fine tuned for households' indoor water use for homes over 4 persons, resulting in water use estimates that are too low. Also need to ensure outputs are all in litres.
- (iii) AWE Canadian membership expectations: Mary Ann wants to better demonstrate the benefits of AWE membership so as to expand Canadian memberships. AWE Survey of Cdn members found members would like to see more Cdn focus. AWEs projects are solely funded by US Grant Agencies who restrict activities to US. We therefore have to identify Cdn Grant Agencies. However, Cdn municipalities can contribute to a current grant project in order to include a component in Canada.
- (iv) Rates project is funded by the California Water Foundation and the Walton Family Foundation. This funding currently restricts activity to Calif. Cate pointed out that CNWEN should liaise with AWE to leverage Cdn funders including municipalities on existing or developing AWE projects. Potential funders need to know who the project team is (eg. Beecher, Chesnutt etc.). A potential project is to develop the Tracking Tool further for Cdn municipalities.

Action Item: Glen and Mary Ann will talk this week about how to incorporate a Cdn Field testing component to potential Cdn Funders. Mary Ann to provide a project prospectus once it's developed.

6. **REUWS Update:**

Peel's data contains some anomalies that are still being worked through. At AWWA's ACE later this month in Denver, the WRF is holding a workshop to discuss findings thus far. Peel is attending the workshop. Steve was not present to provide a Waterloo update.

7. **CNWEN Projects:**

(i) CWWA Conference; received over 70 abstracts. Kathy has requested streaming of sessions to the CWWA for those unable to attend. Mary Ann is doing an opening Plenary, along with Mike Harcourt on water/energy synergy.

(ii) The Sustainable Plumbers project received Phase 2 funding boost from RBCs \$60,000 investment in the project. Kirk wanted to know whether there were any concerns over conflict of interest (none raised). CNWEN is grateful to AWE for the submission, as they forfeited the chance to submit their own RBC application since RBC only allowed one submission per organization. Phase 2 of the Project will include a phone survey, Canadianizing the curriculum, 3 workshops (GTA, Guelph, Waterloo, ...), focus groups pre and post surveys.

8. Research Projects - no report available.

9. New Info:

Updates from Winnipeg, Guelph, Peel, York, Durham and Halton discussed.
Discussion on RWH - Cate asked that we document existing RWH studies and their locations. Please send your RWH site info to Cate. CMHC has an agreement with Alberta Wastewater Centre for Excellence to be the testing agency for B128B technologies. The CSA B126 Cistern standard is being published in the fall.

10. Other Business: None.

11. Next Meeting: TBD

12. Adjournment