

Canadian Municipal Water Efficiency Network

Wednesday December 5, 2012
11:00 am – 2:00 pm

Region of Peel, Copper B Office
230 Advance Blvd, Brampton

Attendees	
Wayne Galliher	Julia Wagner
Johann Manente	Steve Gombos
Mathieu Laneuville	John Koeller
Janet Vandehaar	Kim Wright-Caraballo
Kristy Baidy	Brent Houle
Carol Salisbury	Bill Christiansen
Bill Gauley	Naomi Herold
Aaron Boulton-Chaykowski	Megan McCombe
Carol Chaput	
Regrets	
Kevin Reilly	Kathy McAlpine Sims
Kirk Stinchcombe	Cate Soroczan
Amy Wakeford	Glen Pleasance

Meeting Notes

Action By

1. **Review of August 2012 Meeting Notes**
2. **Additions to the Agenda** – None.
3. **Administration**

Financial Report

- Financial summary circulated by Johann
- Additional funds to come in for Green Plumbers project from Halton, Waterloo, Guelph and Toronto.

Committee Name

- Legal name of committee is Canadian National Water Efficiency Committee, but committee still uses Canadian Municipal Water Efficiency Committee. This is causing some confusion
- Committee agreed to use Canadian National Water Efficiency Committee

4. Water Partner Advisory Committee/Water Stewardship Council

- Identified priorities have been brought to Premiere's group.
- Working groups created based on top three priorities: Value of water, Canada Water Week, and Potable Drinking Water for First Nations.
- Wayne and Johann have joined the Canada Water Week working group. First teleconference held to discuss what is new, next steps, and a new award per province/territory for leadership in industrial, residential, and municipal fields. Manitoba is the lead.

5. CNWEN Projects Status Updates:

2013 CWWA Conference

- October 15th – 19th
- Potential locations include Calgary, Whistler, Banff
- Expecting 150 – 200 attendees
- CWWA to send out call for volunteers

Green Plumbers

- Kirk Stinchcome provided literature and memo of progress
- Preliminary findings of literature review have been reviewed on teleconference, and discussed how to proceed
- Currently keeping options open as to whether proceed with Green Plumbers or develop new program specific to Canada.
- Potential issues licensing Green Plumbers as the company in Australia responsible for licensing is in financial difficulty.
- Next steps: further research, interview experts

AWE Home WaterWorks Website

- Bill Christiansen to follow up on progress to make Home WaterWorks more useful to Canadian visitors

Bill C.

6. Ontario Building Code Conservation Advisory Council

- New provisions effective January 1, 2014
- Change toilet flush volume requirement in residential dwellings from 6L to 4.8L. Dual flush toilets will be permitted.
- Change in urinal flush volume to 1.9Lpf? Carol S to confirm

Carol S.

7. Research Projects

MaP Premium

- MaP premium toilets are WaterSense labeled, flush a minimum of 600g of material, and use less than 4Lpf
- currently approximately 80 models meet MaP premium requirements
- Looking at commercial grade test – 300g of material using more toilet paper and toilet seat covers
- Will hopefully help build number of toilets meeting these requirements, and therefore assist WaterSense in the future to promote next level of efficiency

Showerhead Testing

- Demand associated with showering hasn't changed, even though showerheads have decreased in flow rate
- Will look at University of Waterloo testing results to gauge which showerheads should be efficient and which aren't
- Further field testing required

PERC Study

- Tests show that HETs in commercial applications should work. Even 3L toilets didn't plug drain lines.
- Although material is slow to clear from lines, it eventually surges out.

Kohler Greywater Testing

- Kohler testing effects of four greywater systems on toilets to evaluate any effect that lower quality water may have on their toilet trim components
- Tested Brac system and three more expensive systems
- 16 months after testing began, only one model is still working. This model uses membrane technology to clean water, but something is still growing in toilet fill valve.
- Results will not be published
- Study overview provided during 2012 WaterSmart Innovations conference

Water Softener

- Want to establish performance benchmarks and test protocols out of NSF ANSI 44. Even if developed own test protocol, not enough people are available to test models. Therefore, looking to set benchmarks and publish results of what models meet benchmarks.
- Difficulty with testing is that water softeners do not keep water soft all the time.
- Learned that manufacturers/distributors should not set up their own systems for testing as they often change factory settings
- Need for 60 day tests to compare 1st 30 days with 2nd 30 days as water softeners adjust overtime based on usage
- Steve G to report back in New Year

Steve

Residential End Uses of Water Study

- Data logging in Peel complete. 7 more sites to log in Waterloo.
- Data will go to Aquacraft within the next week for verification. Once data has been verified it will be sent to Peel and Waterloo.
- Data logging in Peel and Waterloo more complicated than in US due to requirement to access home; however, hopefully have better data as could verify fixtures in the home.
- Analysis by Aquacraft to occur December/January with preliminary reports to Peel and Waterloo in February.

8. AWE Website Canadian Provincial Info

<http://www.allianceforwaterefficiency.org/2012-Province-Information.aspx>

- Bill C provided overview of AWE's website Canadian provincial information

- A blurb is provided for each province and pages contain information about different provincial policies. Information obtained from survey.
- Items 21 and 22 are unique to Canada.
- Bill C requested that people let him know if any information needs to be changed, added, etc.

9. Presentation – Guelph Greywater Pilot Project

- Wayne G provided a presentation on Guelph's Greywater Reuse Field Test (see attached presentation)

10. Round Table Updates: City of Winnipeg Notes

All

2009 –

Residential toilet replacement credit program

- 3879 credits have been approved as of November 30, 2012 projections are indicating we are going to have enough credits until Dec. 31, 2012
(Note: 4500 credits available in 2012)
- Program is continuing in 2013, 4500 credits

2010 –

Grey water reuse:

- A non-potable water system guideline for homeowner's is in draft format and next steps are being developed

2009 – 2011:

Cost of service rate study

- See 2013 – 2015 Water and Sewer Rate Report Proposal (new items)

2012 –

Province of Manitoba and Manitoba Hydro

- Province and Manitoba Hydro rolled out a new financing program Pay As You Save (PAYS) November 5, 2012. Manitoba Hydro will finance the upfront capital cost of approved cost-effective energy and water-efficiency improvements to a consumer's home. Manitoba Hydro will recover the costs as customers pay back the financing with the savings on their bill. The interest rate would be fixed at 3.9 per cent for the first five years.
- PAYS Financing covers upgrades for:
 - space heating equipment;
 - insulation;
 - water heating equipment
 - water conservation: toilets (only eligible for financing with one of the above upgrades)

http://www.hydro.mb.ca/your_home/power_smart/pays/index.shtml

New Items:

2013 – 2015 Water and Sewer Rate Report Proposal

- To fund provincially-mandated upgrades of \$1.2 billion to our City's sewage treatment facilities and address the rising cost of inflation, the City of Winnipeg Public Service recommends a three-year increase for water and sewer rates.

http://winnipeg.ca/cao/media/news/nr_2012/nr_20121122.stm#3

<http://winnipeg.ca/CLKDMIS/ViewDoc.asp?DocId=12336&SectionId=&InitUrl>

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(Note: Report 8 – Under Standing Policy Committee on Infrastructure
Renewal and Public Works – November 26, 2012)

- Members provided updates on their programs

11. Other Business: none

12. 2013 Meeting Schedule:

- Committee agreed to meet 1st Tuesday of every other month starting in February
- **2013 meeting dates:**
- **Tuesday Feb 5,**
- **April 2,**
- **June 4,**
- **Oct (tbd due to conferences) and**
- **Dec 3, 2013**

- **Next meeting February 5th, 2013, Halton Region office**

13. Adjournment