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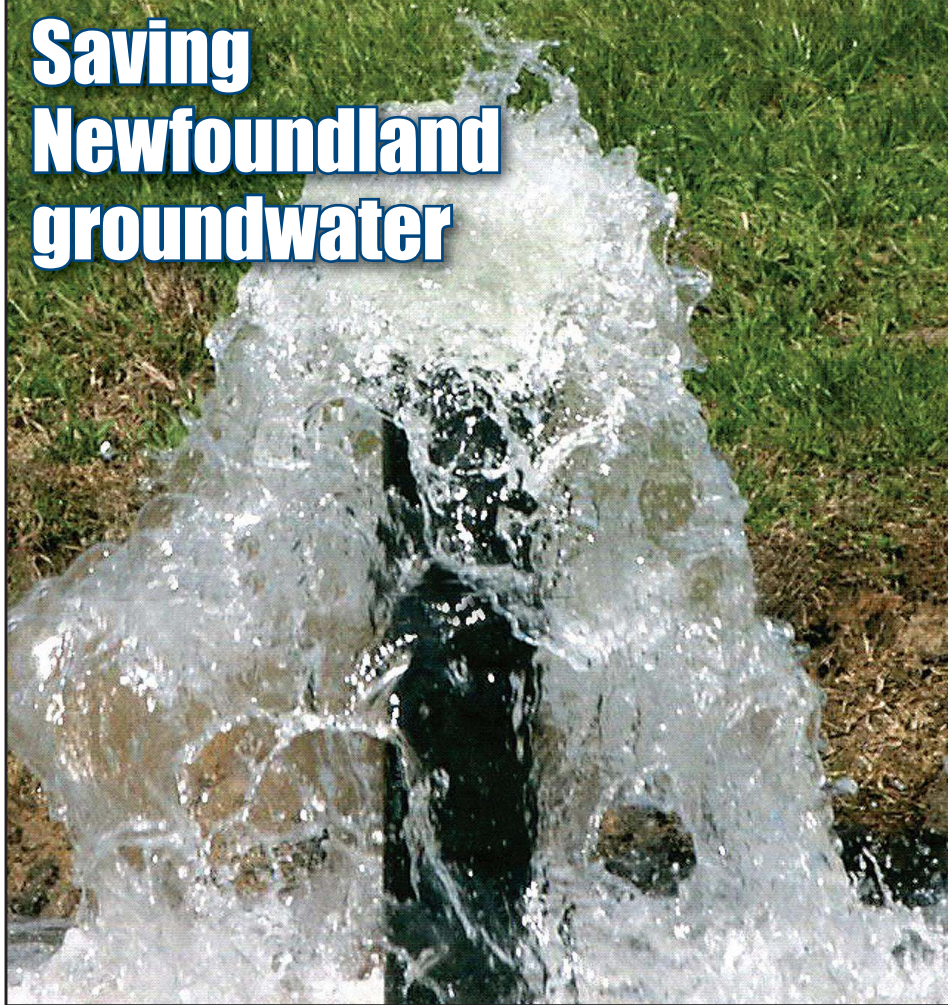
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Executive and Committee Officers



Administrator

Clara Shea, Office Admin
acwwa@hfx.andara.com
Ph: 902-434-6002
Fax: 902-435-7796

Board (Executive and Directors) Executive

Chair

Ensor Nicholson
ensor.nicholson@moncton.ca
Ph: 506-859-2667
Fax: 506-853-3543

Past Chair

Reid Campbell, P. Eng.
reid.campbell@halifaxwater.ca
Ph: 902-490-4877
F: 902-490-48080

First Vice-Chair

Robert Gillis, P. Eng.
robert@aps.ns.ca
Ph: 902-469-2806 ext 103
Fax: 902-463-3529

Second Vice-Chair

Vacant

AWWA Director

Bruce Buchanan, P. Eng.
bbuchanan@touchieengineering.nb.ca
Ph: 506-857-8525
Fax: 506-858-5972

Secretary-Treasurer

Willard D'Eon, MPH, P.Eng.
willardd@cbcl.ca
Ph: 902-492-6753
Fax: 902-423-3938

Directors

Government Relations Director (2009-2012)

Roland Richard, P. Eng.
rriichard@gmsc.nb.ca
Ph: 506-387-7977
Fax: 506-387-7389

Membership Involvement Director (2009 - 2012)

Scott Grasman, P.Tech
scott.grasman@fredericton.ca
Ph: 506-460-2038
Fax: 506-460-2461

Education Director (2007-2010)

Ben Pitman, P.Eng.
bpitman@town.amherst.ns.ca
Ph: 902-667-6521
Fax: 902-667-2208

Membership Director (2007 - 2010)

Damien Monk, CET
dammon@ipexinc.com
Ph: 506-856 0386
Fax: 506-536 4662

Communications Director (2008 - 2011)

Darrell Fisher, P.Eng.
dfisher@adi.ca
Ph: 902-892-0086
Fax: 902-628-1807

Technical Director (2008 - 2011)

Margaret Walsh, PhD, P.Eng.
mw Walsh2@dal.ca
Ph: 902-494-8430
Fax: 902-494-3105

Committee Chairs

Education Chair

Ben Pitman, P.Eng. (See Directors' List)

Membership Chair

Damien Monk, CET (See Directors' List)

Newsletter Chair

Darrell Fisher, P.Eng. (See Directors' List)

Technical Papers

Margaret Walsh, PhD, P.Eng. Chair (See Directors' List)

CWWA & CAC

Roland Richard, P. Eng. (See Directors' List)

Cross Connection Control Chair

Stewart Parker
stewart.parker@moncton.ca
Ph: 506-853-3426
Fax: 506-389-5904

Young Professionals Chair

Stephanie Gora
Ph: 902-421-7241

Water For People Chair

Brett Pugh, P. Eng.
brett@cbcl.ca
Ph: 902-421-7241
Fax: 902-423-3938

Government Affairs Chair

Karen White
Ph: 506-444-4741

ABEA President

Scott Smith
s.smith@urecon.com
Ph: 709-895-8100
Fax: 709-895-8101

2010 Saint John Conference Co-chair

Brent McGovern
brent.mcgovern@saintjohn.ca
Ph: 506-674-4264
Fax: 506-658-4740

2010 Saint John Conference Co-chair

Dean Price
dean.price@saintjohn.ca
Ph: 506-658-4770
Fax: 506-658-4740

Operator Involvement

Trent Brewer
trent.brewer@fredericton.ca
Ph: 506-460-2179
Fax: 506-460-2031

Volunteers Chair

John Eisnor, P. Eng.
john@halifaxwater.ca
Ph: 902-490-1930
Fax: 902-490-1584

Web Site Chair

Alan Benninger
benninaj@gov.ns.ca
Ph: 902-625-4285
Fax: 902-625-3722

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PO Box 41002
Dartmouth, N.S., B2Y 4P7
Email: acwwa@hfx.andara.com

New logo in the works

Chair's Message

Ensor Nicholson

WITH the transition to a "water and wastewater" association, the ACWWA Board believes it is time to update our association logo. With this in mind association past chair, Reid Campbell, spearheaded a contest among graphic arts students at Holland College in Charlottetown to design a new logo for ACWWA.

In total 16 submissions were received and rated by members of the board. The winning submission was the design by Katherine MacLaine of Charlottetown. We congratulate Katherine on winning the contest and wish her much success in her career in graphic design.

The Board is currently working with Katherine on finalizing some minor details in the design, and we expect to unveil the new logo in the next issue of Go With the Flow.

In other business, the board is looking at updating course material for our popular water distribution, water treatment, wastewater collection and wastewater treatment courses this fall. The board is also considering changes to the ACWWA newsletter that will make it more cost effective.

The board is pleased to appoint two new volunteers to chair committees as follows:

- Young professionals (YP) Committee – Stephanie Gora, CBCL, Halifax, N.S.
- Scholarship Committee – Dr. Jennie Rand , Acadia University, Wolfville , N.S.

Thank you to all of our dedicated volunteers.



Darrell Fisher, ACWWA director of communications, congratulates Design winner Katherine MacLaine, of Charlottetown.

Back issues

Check the website for back issues of Go with the Flow from December 1999 to the present

<http://www.acwwa.ca>



Now you can join AWWA or WEF!

Visit the ACWWA website at www.acwwa.ca for application forms



Careful management by staff produces budget surplus for ACWWA

THE AWWA Board approved their 2010 budget at the winter meeting. The projected income is \$29,695,400 and the projected expense is \$28,754,500 resulting in a projected income of \$940,800. Despite the tough economic times the Association experienced last year, they were able to realize a surplus in the 2009. The surplus was the result of diligent work by AWWA staff in managing the budget by reducing expenditures through such things as not filling positions, reducing travel costs and no pay increases to staff to name a few.

The Board also approved the Section Allotments of \$1,842,500 and the WITAF Dues Rebate to Canadian Sections of \$82,700.

Several changes to the AWWA Bylaws and Governing Documents were ratified pertaining to the removal of Water For People from the Executive. Eighteen Standards were revised and received Board approval.

AWWA has developed a Program Analysis document that will be used in the analysis of existing and new AWWA programs to review and measure the support of the Programs to meet Members needs. The intent is to determine the optimal combination of excellent AWWA programs and products that allocates resources, volunteers, and staff to provide the most value to the Members.

Director's Report

Bruce Buchanan, P.Eng.



Jerry Stevens was elected to serve as the Association's President-Elect for a one-year term beginning in June 2011. The Board also elected four Vice-Presidents and one Director-at-Large.

A new Strategic Plan for AWWA with vision and mission, guiding principles, strategic goals, and strategic objectives received Board approval.

AWWA developed a video, "How to Register for ACE10" This video provides customers and members a step-by-step overview of the online registration process, and outlines some of the great offers AWWA has for ACE this year. Please take a few minutes to watch.

<http://www.awwa.org/ContentOnly.cfm?ItemNumber=53697&showLogin=N>

Icons and links to Facebook, Twitter, YouTube and LinkedIn have been placed in the upper right side of each main ACE10 landing page. Links were also included in the first registration open announcement email sent.



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Ensuring groundwater supplies for subdivisions in Newfoundland and Labrador

Eric Watton,

Newfoundland and Labrador Government

AS populations increase and continue to sprawl further into hinterland, a problem arises in that public water supplies are insufficient to deliver water at the required pressure and volume on the periphery of communities. The solution is drilled water wells, either privately owned or shared.

Traditionally, new unserviced subdivisions have been built on a mere 'guesstimation' that sufficient water exists in the underlying aquifer(s). However, this is no longer appropriate and has led to the creation of a new assessment tool to help assure homebuilders and developers of the quality and quantity of water that exist in a given area and also to formalize and regulate such developments. The Water Resources Management Division has developed the Groundwater Supply Assessment and Reporting Guidelines for Subdivisions Serviced by Individual Private Wells for this purpose. These guidelines came into effect January 1, 2009 and apply to any application for unserviced subdivision development requiring private drilled water wells. They can be found at <http://www.env.gov.nl.ca/env/Env/waterres/Forms/WRMD-Forms.asp>

The guidelines stipulate three levels of study to be carried out depending on the number of households in the proposed subdivision. A study is not required when a proposal has less than five ½ acre lots providing that no other prior groundwater quality or quantity issue has been documented for the area. A Level I study is required when the proposed development has five to fifteen lots and may include a test well and observation well for aquifer pumping test(s) and groundwater quality analysis. The Level I study also involves a description of the hydrogeology and site characterization. The Level II study may be required along with the requirements of the Level I study if a prior groundwater quality or quantity issue exist, but is mandatory when there are 16 lots or more to be developed. The ob-



ject of the Level II study is to install test wells at strategic locations for aquifer pumping tests and groundwater quality analysis. In addition, phased developments, well pump test, water well testing, and calculation of minimum test rate and well yield are also addressed.

In these guidelines, open-looped groundwater sourced heat pumps will not be permitted in unserviced subdivisions. The rationale here is to prevent aquifer damage due to the nature of these systems and also to prevent well interference.

The completed report will require detailed conclusions, recommendations and supporting documentation prepared by a qualified person. The conclusions must include statements regarding well yield and aquifer properties; the likelihood of the aquifer(s) sustaining the proposed development and future needs; the likelihood of well interference within and adjacent to the proposed development; and state whether

or not the test wells (and other wells in subdivision) is expected to meet the Health Canada Guidelines for Canadian Drinking Water Quality (GCDWQ) and whether this is expected to change over time. Water quality parameters that are not expected to meet the GCDWQ must be listed and the long term viability of the required treatment to meet the GCDWQ must be provided. The recommendations will include statements regarding minimum lot sizes, well construction, spatial design, lot yield, sustainable pumping rate, phase development, storage facilities (if applicable), and mitigation measures.

As development continues outside serviced areas, the Water Resources Management Division expects that the Groundwater Supply Assessment and Reporting Guidelines for Subdivisions Serviced by Individual Private Wells will help ensure that people will have a well planned and sustainable water supply.

Young professionals

Take the Young Professionals survey

Stephanie L. Gora M.A.Sc., E.I.T.

IT'S shaping up to be a big year for the Atlantic Canada Water and Wastewater Association's Young Professionals committee in Halifax. The group has a new chair and a goal of expanding membership in Nova Scotia by 20%. We are also hoping to jump-start chapters in New Brunswick, Prince Edward Island and Newfoundland and Labrador.

The young professionals, or YPs, have already held two successful events since January. The first was a networking night held at a local pub where new and experienced YP members were able to connect over nachos. The second was a curling night (and sweater contest) held at the Halifax Curling Club in mid-February. Greg Piorkowski won a Roots water bottle for his one-of-a-kind curling sweater. The judges were particularly impressed by his creative use of sequins.

Upcoming YP activities include kayaking, a technical session featuring green technologies and the YP dinner at the 2010 ACWWA conference in Saint John NB. The group is also hoping to organize a fundraising concert to raise money for much needed water infrastructure in Haiti.

Outgoing committee chair, Stefan Furey, led the group for over two years and pioneered many of the regular YP events and activities in Halifax. Stefan will still be involved in planning technical sessions and introducing new engineers, scientists, graduate students, sales people and technical staff to the vibrant water community in Nova Scotia.

I will be taking over position of ACWWA YP chair for 2010. I obtained my Master's degree in Civil Engineering from Dalhousie University in 2009 and am currently working for CBCL Limited in Halifax. I am hoping to expand the YP group by reaching out to young water professionals at various educational institutions, government departments and private companies around Nova Scotia. I also hope to find motivated young water professionals to lead YP chapters throughout Atlantic Canada. In an effort to learn more about young professionals in Atlantic Canada, I have prepared an online survey that can be found at:

<http://www.surveymonkey.com/s/HJD7CPP>

Young professionals throughout Atlantic Canada are encouraged to fill out the online survey to help me tailor YP events to their needs and interests. If you'd like to learn more about the ACWWA YP, would like to attend an event or volunteer for the YP committee, I encourage you to contact me at stephanieg@cbcl.ca.



Greg Piorkowski and curling sweater



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WATER WORKS ASSOCIATION

CWWA needs your articles for the fall magazine



We would very much appreciate if you can submit articles for the Fall issue no later than June 11, 2010. We are open to receiving any articles related to water/wastewater that you care to share with CWWA members. To help us with our planning, please let us know in advance if you are planning to submit one and what the subject would be.

Here is some formatting information.

All articles should be submitted in Word - unformatted - which means no tabs or automatic bullets or numbering, things like that. We allow for about 700 words per page, and of course pictures would lessen the word count depending on how large they are. It's important to include the author(s) name in the article itself. We ask for articles of about 1 or 2 pages in length.

Please send pictures, diagrams and tables in image files. All images must be at least 300 dpi (at the size you want them printed), and we accept them in eps, tif or jpg format. Colour is definitely permitted in the magazine - in fact, it's encouraged! Also, a picture of the author and a couple of sentences on his/her background may be inserted with the accompanying article. If you can send the article in both English and French language, then you may send it to us by June 15.

Please e-mail your articles to itsui@cwwa.ca.

Good turnout for CWWA's Window on Ottawa event

Roland P. Richard, P. Eng., FEC

CWWA Director

CWWA "Window on Ottawa" 2009 – CWWA hosted its annual "Window on Ottawa" on December 4 and 5, 2009. The event was attended by over 130 delegates which was considered a very good turnout considering our economic climate.

Highlights of the meeting included an update on the CCME Long Term Strategy for the Management of Municipal Wastewater Effluents, information on the upcoming regulations for Wastewater discharge under the Fisheries Act, CCME's initiatives to develop a biosolids research coordination body including a presentation by Mr. Brian Jean, Parliamentary Secretary to the Minister of Transport, Infrastructure and communication, who addressed the delegates in the Conservative Governments initiatives to strengthen Canada's infrastructure and stimulate the economy.

Many other relevant subject and topics were addressed throughout the meetings.

Several changes were announced to the CWWA Board of Directors for 2010 which were confirmed at the Annual General Meeting. The new executive committee follows:

President:	Gregg Clartier, City of Saskatoon
1st Vice President:	Rosanna Dilabio, WEAO
2nd Vice President:	Don Limocher, WCW
Secretary Treasurer:	Roland Richard, ACWWA
Past President:	Thomas Schmidt, Ontario

Other important outcomes from the meeting included the following:

The identification of the need to have some short-term flexibility in the appointment of Directors to the Board. Accordingly, a By-Law amendment was drafted and presented to the AGM that would allow the Board to appoint a Director-at-Large for a period not to exceed one-year and whose term of office would expire at the following AGM. This was presented to the AGM and approved by the members present. The amendment was submitted to the Minister of Industry for approval and was approved on January 7, 2010. The revised By-Laws will be available on the CWWA website shortly.

The proposed supplemental Letters Patent were approved by a ballot of members in late October, but were held for presentation and confirmation at the Annual General Meeting. There was no further discussion at the AGM and these too were submitted to the Minister of Industry for approval and were approved on January 7, 2010. They too will be published on the CWWA website.

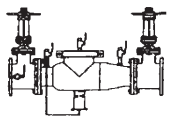
Executive Director, T. Duncan Ellison said he would like to retire after 15 years with the board. The Board has established a Search Sub-Committee to proceed with implementing the succession plan that has been in place for some time. Announcements regarding the vacancy have been commenced both nationally and regionally. The Board hopes to find a replacement by the end of May, 2010. However, Mr. Ellison has indicated that his departure date is dependent on the Board finding a replacement satisfactory to them.

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Parliament frustrates CWWA

2009 IN REVIEW

THE year 2009 was busy for CWWA with many operational and other successes, but one also of frustration given that our principal task is to monitor and comment on the activities of the Federal Government and national organizations. The continuance of a minority government and a desire on the part of the government to centralize decision-making in the Prime Minister's Office led to a number of frustrations as draft legislation was slowed and then (as of December 31, 2009) died on the Order Paper when Parliament was prorogued until March, 2010. The legislative successes included creating an understanding by the proposing departments that the amendments to the Transportation of Dangerous Goods (TDG) Act and the new Human Pathogens and Toxins Act would have an impact on municipal services unless the expected requirements for enhanced safety and security around treatment chemicals and human pathogens and toxins were modified. In the case of the former, the relaxations are expected in the regulations, in the case of the latter, modifications were introduced in the legislation. Comments were also submitted on the Energy Efficiency Act, which had implications for labelling water efficient devices.

The success we thought we had achieved with the proposed new Consumer Products Safety Act was terminated when the Senate rejected the House of Commons version and sent it back for revision. This Bill could have allowed control over residential drinking water treatment units but died on the Order Paper before the House of Commons was able to react. The Senate Clean Drinking Water Act, which was sent to the House of Commons, also died on the order paper but CWWA had prepared a brief on the Bill should it have gone to Committee. On the regulatory front, CWWA submitted comments on a number of draft regulations and was actively involved in several consultation initiatives such as proposed Drinking Water Parameters, NPRI, the Fertilizers Regulations, the Statistics Canada survey of drinking water utilities, and the State of Municipal Infrastructure.

CWWA wrote to Minister Prentice (Environment) concerning the need for a national water conservation program and a national water efficiency labelling scheme (based on WaterSense); Minister Baird (Infrastructure) concerning the infrastructure program; the Parliamentary Committee on Natural Resources concerning the use of biosolids as a source of alternative energy; and to CCME on matters related to the Waste Water Effluents Strategy and the Biosolids activities – largely without much success as CCME seems to want to choose when and how it consults, not receive suggestions from national utility committees. During the course of the year, CWWA issued 62 Communiqués to members alerting them to changes in federal regulations or programs or significant activities or events occurring in Canada and elsewhere, in addition to the regular 10 times a year Bulletin, and the 2 times a year Municipal



News and Views.

CWWA was involved either directly through staff or by member volunteers in 9 national standards technical committees (of CSA, BNQ, and UL) and internationally in the NSF Report of CWWA Activities – 2009 Summary Page 2 of 2 International standards water committees and the ISO TC 224 Performance Assessment activities.

As a partner with the Canadian Association for Water Quality in the International Water Association's Canadian National Committee, CWWA was active in the planning for the Montréal 2010 World Water Congress.

Finally, CWWA hosted the 3rd National Wastewater Management Conference, the 3rd National Water Conservation Conference, the 2009 Window on Ottawa and three workshops on Energy Efficiency, Wastewater Heat Recovery and Crisis Management and Planning. 2010 looks to be equally challenging as the parliamentary situation is not expected to change. However, there are a number of significant federal regulations expected to be published for comment including the Fisheries Act regulation on deleterious substances – known as the National Performance (effluent) Standards, the TDG Act safety and security regulations and the Human Pathogens and Toxins Act bio-safety and bio-security regulations. CWWA will also be encouraging wastewater utilities to commence their environmental risk assessments of effluents under the CCME Strategy.

Finally, CWWA will be organizing the 14th Canadian National Drinking Water Conference in Saskatoon, October 30 to November 2 and participating in the Montréal 2010 World Water Congress, September 19 to 23. The 2010 Window on Ottawa event will likely take place November 30 to December 02.

SUBMISSIONS NEEDED FOR 2010

AWARDS

ACWWA Invites Submissions for Award Nominations for 2010

If you know someone who has made a contribution to the water and/or wastewater industry, don't let their efforts go unnoticed. The following awards are eligible for presentation at the ACWWA Conference in Saint John, New Brunswick in September 2010.

Fuller Award (AWWA member only)

The George Warren Fuller Award is awarded by the American Water Works Association (AWWA) and may be presented annually to a member of ACWWA for distinguished service in the water supply field in commemoration of the sound engineering skill, the brilliant diplomatic talent and the constructive leadership that characterized the life of George Warren Fuller. The award was established in 1937 in memory of Mr. Fuller who, besides being identified with several important sanitary engineering advances, is given much of the credit for AWWA's development from a social group to its present high standing as a technical organization.

Bedell Award (WEF member only)

The Bedell Award is awarded by the Water Environment Federation (WEF) and may be presented to a member of ACWWA to acknowledge extraordinary service to a WEF Member Association. The award is named for Arthur Sidney Bedell, WEF's second president for his long devotion and service to the New York Sewage and Industrial Wastes Association, now the New York Water Environment Association. He was Chief of the Bureau of Sewage and Waste Disposal of the New York State Department of Health.

Burke Award (WEF member only)

The Burke Award is awarded by the Water Environment Federation (WEF) and recognizes a municipal or industrial wastewater facility for establishing and maintaining an active and effective safety program. This award was established in 1982 in honour of **George W. Burke, Jr.**, for his many years of service to both

the water environment field and WEF as staff manager of technical services. Mr. Burke was instrumental in developing WEF's annual safety survey and assisting in the production of several safety training aids and promotional packets.

The purpose of this award is to encourage an active and effective safety program in municipal and industrial wastewater facilities.

MacNab Award (AWWA or WEF member)

The Ira P MacNab Award is awarded by ACWWA and may be presented annually to a member of the ACWWA for outstanding service to the water industry in Atlantic Canada. The award was established in 1957 when the ACWWA was called the Maritime Branch of the Canadian Section AWWA. It is in honour of the late Dr. Ira MacNab, P.Eng., the first president of the Maritime Branch, for his untiring efforts and wise council during our formative years and to recognize his outstanding service and interest in the local water utility field.

Silent Hero Award (New Brunswick, Nova Scotia, Prince Edward Island, and Newfoundland) (AWWA or WEF member)

The Silent Hero Award is awarded by ACWWA and may be presented annually to recognize outstanding contributions of water and wastewater operators in each of the four Atlantic Canada provinces. The nominees must be a member of ACWWA, employed by a utility member of ACWWA, or employed by a Corporate Member of WEF.

Project of the Year - Engineering Award/Environmental Award:

The Project of the Year - Engineering Award/Environmental Award is awarded by ACWWA to a Municipality or Utility and their Consultant, one of which is a member of ACWWA, to recognize outstanding projects in Atlantic Canada that demonstrate innovation and state-of-the-art technology in water or wastewater projects.

Awards may be presented in each of

the following three categories:

Small Utility - less than 5000 customers

Medium Utility - from 5000 to 25,000

Large Utility - more than 25,000

Volunteer Recognition Award (AWWA or WEF member)

The Volunteer Recognition Award is awarded by ACWWA and may be presented annually to recognize outstanding contributions by an individual or a group of individual volunteers to ACWWA programs and/or the water industry throughout Atlantic Canada. The nominee must be a member of ACWWA, (AWWA), or employed by a utility member of ACWWA.

Laboratory Analyst Award (WEF member only)

The Laboratory Award is awarded by the Water Environment Federation (WEF) and recognizes individuals for outstanding performance, professionalism and contributions to the water quality analysis profession.

Nominations Procedure

Where applicable, an awards committee has been established for the specific awards. The awards committee shall select the recommended candidate for the award from the nominations received, and shall present the award to the recipients during the ACWWA annual conference.

The recipient of the Fuller Award receives a pin at the ACWWA conference, and the actual Fuller Award is presented at the following AWWA Annual Conference and Exhibition.

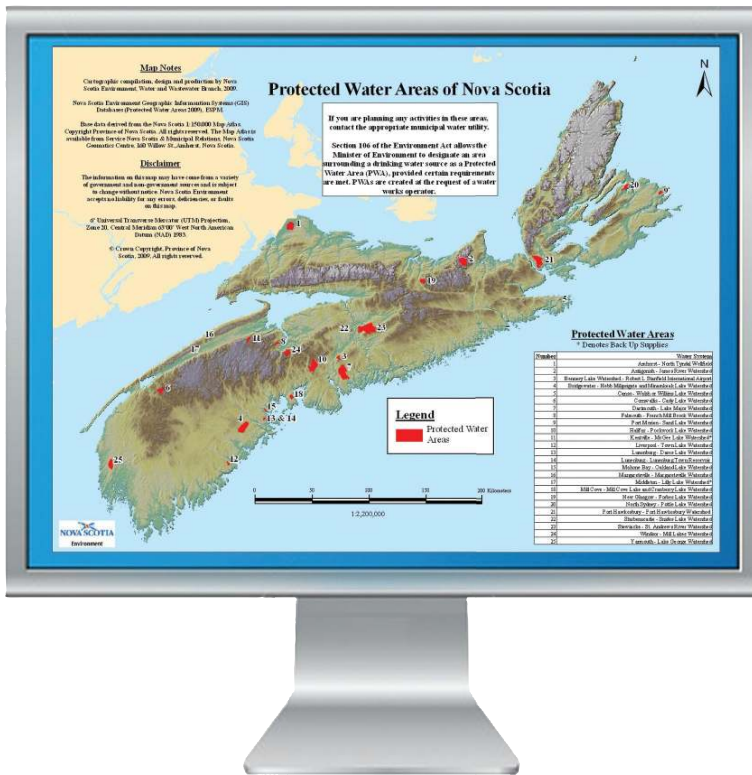
All other awards are presented at the ACWWA conference.

The deadline for submissions will be July 16, 2010, for Awards to be presented at the Saint John Conference on September 12 - 14, 2010.

Individuals wishing to nominate an individual or group for an award should contact the ACWWA office and request the applicable nomination form.

Contact:

Clara Shea, ACWWA Administrator
Telephone: 902-434-6002
email: acwwa@hfx.andara.com



Increasing awareness of drinking water in Nova Scotia

MEMBERS of the public, utilities, and project proponents can now view a map of Nova Scotia's Protected Water Areas online at: <http://www.gov.ns.ca/nse/water/docs/Protected.Water.Areas.Map.pdf>

Protected Water Areas are designated under Section 106 of the *Environment Act* by the Minister of Environment and represent approximately one-third of all of Nova Scotia's municipal drinking water supplies.

If you are planning any activities in these areas, contact the appropriate municipal water utility.



Nominations for ACWWA Board

The Board of ACWWA is inviting nominations for the following positions:

1. First Vice Chair;
2. Second Vice Chair;
3. Membership Director (2010 - 2013);
4. Education Director (2010 - 2013);
5. AWWA Director (2011 - 2014);
6. WEF Delegate (2011 - 2014).

Nominations should be provided in writing to the Section Office, and will be forwarded to the Nominations Committee for consideration.

The deadline for nominations is 28 May 2010. Please contact the Section Office for the following:

- Policy on Nominations and Elections to the Board;
- Terms of References;
- ACWWA By-Laws.

The Section Office may be contacted as follows:

Clara Shea, Administrator
 Telephone: 902-434-6002
 Email: acwwa@hfx.andara.com
 Home page: acwwa.ca.

New Members

2009

Basque, Steven	Town of Oromocto
Blades, Harold	Michelin North America Canada Inc.
Butcher, Charles	Village of Port Elgin
Cheticamp Industrial Water Utility,	
Clack, John	Saint John Water
Collins, Brad	Town of Windsor
Crawford, Barbara	Dillon Consulting
Deacoff, Cameron	Halifax Regional Municipality
Deveau, Marcel	O'Halloran Campbell Consultants Limited
Flanders, David	Maritime Blower Repair Inc.
Googos, Guy	Wagmatcook First Nation
Hayden Lake Industrial Water Utility,	
Kazamer, Csaba	City of Miramichi
Keller-Wadden, Nadine	Cape Breton Regional Municipality
Leger, Jacques	City of Moncton
Leo, Mary	
Lynch, Donald	Saint Margarets Water & Wastewater Commission
Lyons, John	
Mackay, Stephen	Sewage Utility of Murray Harbour
McGovern, Brent	City of Saint John Water & Sewerage Services
McGraw, John	The Panel Shop, Inc.
Mercer, Cluney	Dept. of Municipal Affairs
Michelin North America Canada Inc.,	
Mitchelmore, P.Eng, Pery	Meco
Municipality of the County of Colchester,	
Pace, John	Pace Plumbing & Heating
Patel, Jyoti	Memorial University, Canada
Pothier, Claude	

Rayworth, Stephen	Cumberland Joint Services Management Assoc.
Rioux, Brenda	Cumberland Joint Services
Robichaud, Serge	City of Dieppe
Saint Margarets Water & Wastewater Commission,	
Shanahan, Jay	City of Miramichi
Sinclair, Andrew	
Stokes, Julie	City of Moncton
Stringer, Jodi	City of St. John
Tracey, David	LuminUltra Technologies Ltd.
Ummat, Ramesh	Municipality of the County of Colchester
Webber, John	Town of Middleton

2010

Dobson, Roy	Killam Properties, Inc.
Doiron, Jim	
Doyle, James	City of Miramichi
Duffy, Frank	
Killam Properties, Inc.,	Prince Edward Island Regulatory
MacEwen, Allison	
Morgan, Andrea	Cape Breton Regional Municipality
Phalen, John	Atlantic Purification Systems
Reardon, Kenneth	Town of Hartland
Roberts, Fred	Dillon Consulting LTD
Russell, David	Nova Scotia Community College
Warner, Rick	Canada-Nova Scotia Infrastructure Secretariat
Whitmee, Peter	

Changes to septage regulations on PEI

NEW rules governing the handling of septage will help nutrient management and reduce the hazards of untreated waste being spread on the land, Environment, Energy and Forestry Minister Richard Brown says.

At a recent meeting of Executive Council, Cabinet approved amendments to the Environmental Protection Act to stop the direct land-spreading of septage (waste removed from septic systems.) Under the changed rules, all septage must be taken to an approved wastewater treatment facility for processing.

The new rules for septage treatment and disposal came into effect January 1, 2010.

The Charlottetown and Summerside wastewater treatment facilities are equipped to process septage. Once the material has been treated it produces a screened, stable biosolid product that can

be incorporated into land owners' nutrient management plans.

"By improving the treatment of waste, we can better control nutrients being released into the environment. This helps fulfill recommendations from the Commission on Nitrates in Groundwater which found that domestic waste was contributing to the total nitrate load of ground water and surface water," said the minister.

As part of the provincial biosolids management strategy, the upgrades of the Charlottetown and Summerside treatment plants included the capacity to process septage from waste pumpers. The federal government and the cities of Summerside and Charlottetown have partnered with the provincial government to build these facilities and implement the new provincial biosolids strategy.

Roughly 45 per cent of Prince Edward Island's population is serviced by

on-site septic systems, which have to be pumped out every three to five years by one of the province's 34 licensed septage haulers. Under previous regulations, septage removed by a hauler has been allowed to be disposed of on farmland or held in approved holding sites.

The treatment process will produce a more stable solid waste lower in nitrate than the initial septage. The treatment and stabilization of septage will reduce the nitrate impact compared to previous practices.

"Our departmental staff has already consulted with the waste haulers but we will be making a particular effort in coming weeks to educate the industry. The industry will be given a bit of time to make arrangements to process this waste and to advise their customers of any rate changes due to the cost of trucking and processing this material," said the minister.

Standards recently approved:

- | | | |
|---|---|---|
| a. Joint ASME-ITI/AWWA J-100, Risk Analysis and Management for Critical Asset Protection (RAMCAP) Standard for Risk and Resilience Management of Water and Wastewater Systems | h. Addendum to ANSI/AWWA C214-07, Tape Coating for the Exterior of Steel Water Pipelines | n. ANSI/AWWA C713-10, Cold-Water Meters – Fluidic-Oscillator Type |
| b. ANSI/AWWA B102-10, Manganese Greensand for Filters | i. ANSI/AWWA C215-10, Extruded Polyolefin Coating for the Exterior of Steel Water Pipelines | o. ANSI/AWWA C750-10, Transmittance Flowmeters in Full Closed Conduits |
| c. ANSI/AWWA B300-10, Hypochlorites | j. ANSI/AWWA C702-10, Cold-Water Meters – Compound Type | p. ANSI/AWWA C905-10, Polyvinyl Chloride (PVC) Pressure Pipe and Fabricated Fittings, 14 In. Through 48 In. (350 mm Through 1,200 mm) |
| d. ANSI/AWWA B301-10, Liquid Chlorine | k. ANSI/AWWA C706-10, Direct-Reading, Remote-Registration Systems for Cold-Water Meters | q. ANSI/AWWA D107-10, Composite Elevated Tanks for Water Storage |
| e. ANSI/AWWA B511-10, Potassium Hydroxide | l. ANSI/AWWA C707-10, Encoder-Type Remote-Registration Systems for Cold-Water Meters | r. ANSI/AWWA D108-10, Aluminum Dome Roofs for Water Storage Facilities |
| f. ANSI/AWWA B550-10, Calcium Chloride | m. ANSI/AWWA C712-10, Cold-Water Meters – Singlejet Type | |
| g. ANSI/AWWA B603-10, | | |



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SEPTEMBER 12-14 | ACWWA 2010

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SEPTEMBRE LE 12-14 | ACWWA 2010



Join the ACWWA in Saint John, NB, Canada's first City, from September 12-14, 2010 as we answer the question "What's Coming Down the Pipe?"

This year's conference puts focus on the daunting task many have in overcoming challenges with existing infrastructure and resources. This will be a fantastic opportunity for friends and colleagues to learn about how others have dealt with or are now dealing with all of the new challenges "Coming Down the Pipe" and perhaps share their knowledge so all can benefit from the conference experience.

Venez vous joindre à la ACWWA du 12 au 14 septembre à Saint John (NB), alors que nous tenterons de répondre à la question, "Qu'est-ce qui coule dans nos tuyaux?"

La conférence de cette année insiste sur la tâche monumentale à laquelle plusieurs font face de relever les défis des infrastructures et ressources actuelles. On aura donc une chance unique d'apprendre comment certain ont réussi à relever le défi "qui coule dans nos tuyaux" ou tentent de le faire et, si possible, puiser à leurs connaissances de sorte que tous puissent bénéficier de l'expérience de la conférence.

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Water Industry Leadership Executive Director

The Opportunity

The Canadian Water and Wastewater Association is looking for a highly motivated Executive Director with excellent organizational and communication skills to provide leadership and a national voice for the water, wastewater, and storm-water industry. Representing the interests of Canada's municipal and community water services to the Government of Canada, as well as national and international organizations, you will provide an effective voice in the formation of legislation, regulations and programs.

Reporting to the CWAA Board of Directors and operating under a policy governance framework, this position directs a team of seven professional staff and various national industry committees.

The Qualifications

You will have a professional qualification and/or university degree in science, engineering, political science or public administration. You will be conversant with the structure and issues of the water, wastewater and storm-water industry, and with the structure and processes of the Canadian federal government. You bring to the role excellent technical, administrative and communication skills to determine strategic issues and influences on the water sector and have an ability to prepare and present complex and technical reports verbally and in writing. As a national representative for the industry, you will be located in Ottawa and be fluent in English and French.

For more information and a detailed job description, please direct your enquiry to: executivedirectorsearch@cwaa.ca. Please send resumes to: CWAA (Executive Director Search) Unit 11, 1010 Polytek Street, Ottawa, ON, K1J 9H9. FAX: (613) 747-0523. E-mail: executivedirectorsearch@cwaa.ca. The deadline to submit your resume is March 31, 2010. For more information on CWAA, visit the website at www.cwaa.ca.



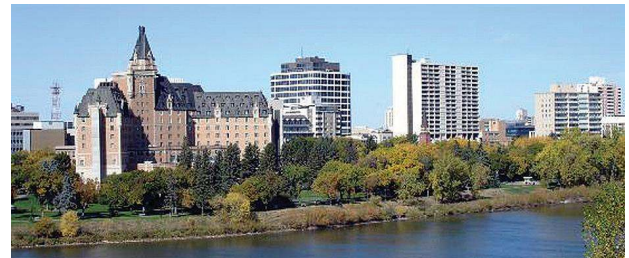
14th Canadian National Conference & 5th Policy Forum on Drinking Water

October 30-November 2, Saskatoon, SK

This Conference organized by CWAA for the Federal-Provincial-Territorial Committee on Drinking Water has the objectives of assuring continuous improvement in drinking water services and public health in the face of new challenges, aging infrastructures and new solutions. The Conference brings together the latest reports and papers on drinking water issues and provides a unique opportunity for Canadian regulators, utility managers, researchers and other stakeholders in Canadian drinking water to meet and exchange views.

Topics

- Analytical Methods and Monitoring; QA/QC
- Climate Change – Impacts and strategies
- Economic Considerations
- Emerging Issues and Challenges
- Guidelines Development
- Health Research
- Infrastructure Renewal/Rehabilitation
- Operator Training and Requirements
- Risk Assessment / Risk Management
- Source Water Protection
- Treatment Technology and Processes
- Water Systems Management




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2010 CANADIAN WATER FORUM

AWWA Annual Conference
Chicago, IL
Monday, June 21, 2010
5:30 p.m. - 7:30 p.m.

The Forum is a cocktail party with finger foods (two drink tickets included) and a cash bar, sponsored by the Canadian Affairs Committee and the five Canadian sections. It is also a fundraiser for Water For People Canada. Tickets may be purchased in advance from a Canadian Section or at the door.



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DATE: June 21, 2010

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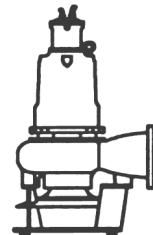
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83rd Water Environment Federation Technical Exhibition and Conference

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Online Registration at www.weftec.org/home.htm.



IWA World Water Congress & Exhibition 19–24 September 2010 Montréal

Water is the lifeblood of the world and never more so than in Montréal, Canada, where 4,500 water professionals will gather in September 2010 for the International Water Association (IWA) World Water Congress and Exhibition.

The key topics to be discussed at this event are:

- the science and application of water management
- water, climate and energy
- cities of the future
- managing utilities and their assets
- securing new and traditional water resources for the future
- water, ecosystems and catchments
- water and health.

The IWA World Water Congress and Exhibition is a high-profile biennial event that in previous years has been held in Vienna, Beijing, Marrakech, Melbourne, Berlin and Paris. In 2010, the Association is partnering with the Canadian Water and Wastewater Association (CWWA) and the Canadian Association on Water Quality (CAWQ) to hold the event in Montréal.

The International Water Association is a global network of 10,000 individual and 400 corporate water professionals in 130 countries. IWA members span the continuum between research and practice and cover all facets of the water cycle, from the science and management of drinking water, wastewater and stormwater to the conservation of water resources throughout the world.



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WaterSmart Innovations '10 October 6-8, Las Vegas, Nevada

You are invited to attend and participate in the second WaterSmart Innovations Conference and Exposition, October 6-8, 2010, in Las Vegas, Nevada.

Panel Session:

Panel sessions are a forum where experts engage in a discussion on a particular topic and encourage audience participation. The goal is to create a better understanding of the complex and sometimes contentious issues related to water conservation.

There is no required size to the panel; however, a panel consisting of three to five members is encouraged.

Selection of panel sessions will be based on the following criteria:

- Audience Participation: The topic must be one of interest to conference attendees and will foster discussion and debate.
- Panel Participants: The panel must consist of charismatic, knowledgeable and prepared participants who have varied experiences and opinions on the proposed topic.
- Moderator: The moderator must be effective in making sure the discussion remains structured, coherent and flows in an organized manner.
- Subject: The subject should be one that showcases and discusses a current topic in water conservation.



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You're invited to join thousands of water professionals at the 129th Annual Conference and Exposition, to tackle the vast number of challenges facing the water community.

The ACE10 professional program will consist of more than 100 half-day sessions, each comprising several presentations. Oral presentations are typically 20 minutes long, followed by a short discussion period. In addition, the organizing groups select poster presentations.

Session Topics

- Distribution, Plant Operations, & Maintenance
- Engineering, Design, & Construction
- Government Affairs
- International Issues
- Management & Leadership
- Public Affairs
- Regulatory Trends
- Research
- Residuals
- Security
- Small Systems
- Midwestern Regional Topics
- Water Conservation
- Water Quality
- Water Resources/Reuse

Registration: opens Wednesday, January 13, 2010.

Price: The AWWA Member rate for Full Conference registration will be \$750 (no increase from ACE09 rate).

Location: Sheraton Hotel & Towers on Water Street

Room cost per night: \$199 – \$259 Various hotels

Water Industry Lunch speaker:

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Why Ernie doesn't like performance appraisals

TYPICALLY, the objectives of performance appraisals may include: improved employee performance, motivation and morale; employee development; better supervisor-employee communications; and reliable bases for management decisions about assignments, promotion, merit increases, retention, layoff, and transfer. Great objectives; but what really happens?

Often the process is done by people who do not like to do it, are not properly trained, are at least a little embarrassed, and may not trust the process themselves. Annual performance evaluations require a mixed bag of positive and negative comments, all meant to help an employee develop; but fail to do so as they are delivered all at once, sometimes by supervisors who have held back comments the rest of the year.

Few people who are enjoying good mental health consider their abilities below average, especially when it comes to their jobs. We maintain a self-concept as being quite capable and hard-working individuals, and we will react negatively if anyone attacks this self-concept.

It is no wonder that W. Edwards Deming (the guy that helped the Japanese economy recover after WWII) described annual performance appraisals as one of the deadly diseases of modern corporations.

What are the alternatives? Tom Peters, in his book *In Search of Excellence*, says:

"...negative reinforcement will produce behavioral

change, but often in strange, unpredictable, and undesirable ways. Positive reinforcement causes behavioral change too, but usually in the intended direction.

Deming suggests that management take more responsibility for poor performance, and work at removing the barriers to pride of workmanship at all levels. The supervisor must ensure that the personnel know what acceptable performance is, and that they get recognized whenever they achieve it. Good communication combined with management by walking around (as opposed to you being a desk jockey) provides everyone with continuous feedback regarding performance, and addresses problem behaviour as it occurs. Let us remember:

He that feels important to a job will make every effort to be on the job. He will feel important to the job if he can take pride in his work and may have a part in improvement of the system. Absenteeism and mobility of the work force are largely the result of poor supervision and poor management (Deming, *Out of the Crisis*).

Regular communication is not only better than the annual review, it makes the review redundant. Not comfortable with this responsibility? Giving regular praise and feedback? Don't worry – It's like what my wife says about my ironing: "Practice makes perfect; so get to work". Maybe next time we'll talk about how to get out of housework. Hiding can only work so long – we get hungry.



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