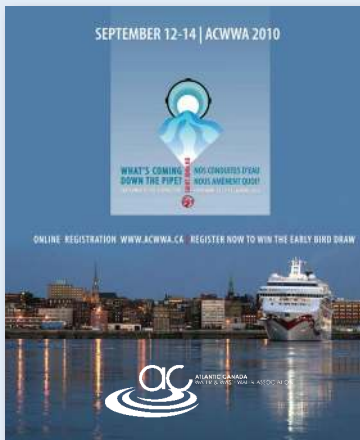


AWARDS 2010

ACWWA seeks awards submissionspage 6



Four-page conference guide 10-13



Website aids job-seekers5




GMSC achieves a Canadian first

PAGE 8/9

INSIDE Issue No. 61 / Summer 2010

<i>Chair's Message</i>	2
<i>WEF director steps down</i>	3
<i>Lloyd Douglas Scholarship</i>	4
<i>Website helps job searchers</i>	5
<i>Awards submissions sought</i>	6
<i>GMSC leads in biosolids management</i>	8/9
<i>Conference four-page guide</i>	10-13
<i>Coming conferences</i>	14-15

CANADA		POSTES
POST		CANADA
Postage paid		Port payé
Publications Mail Agreement No. 40048252		Poste-Publications numéro de convention 40048252

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

Past Chair

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

First Vice-Chair

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

Second Vice-Chair

Vacant

ACWWA Director

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

Secretary-Treasurer

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

Directors

Government Relations Director (2009-2012)

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

Membership Involvement Director (2009 - 2012)

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

Education Director (2007-2010)

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

Membership Director (2007 - 2010)

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

Communications Director (2008 - 2011)

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

Technical Director (2008 - 2011)

Margaret Walsh, PhD, P.Eng. Ph: 902-494-8430
mw Walsh2@dal.ca 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 Ph: 506-853-3426
stewart.parker@moncton.ca Fax: 506-389-5904

Young Professionals Chair

Stephanie Gora Ph: 902-421-7241

Water For People Chair

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

Government Affairs Chair

Karen White Ph: 506-444-4741

ABEA President

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

2010 Saint John Conference Co-chair

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

2010 Saint John Conference Co-chair

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

Operator Involvement

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

Volunteers Chair

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

Web Site Chair

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

Canada Post Publications

Mail Agreement No. 40048252

Return Undeliverable Canadian address to
Atlantic Canada Water and Wastewater Association
PO Box 41002
Dartmouth, N.S., B2Y 4P7
Email: acwwa@hfx.andara.com

Busy year ahead for construction in maritimes

WELL summer is upon us and everyone in our industry is as busy as a beaver. An early spring, coupled with the various infrastructure and economic stimulus funding programs, will produce an exceptionally busy year for construction in Atlantic Canada. All this construction activity puts lots of stress on the systems so everyone is impacted including our operating staff. The key to a successful project is "communications" not only with contractors and operating staff but also with the public. Let's have a safe and productive summer and fall as we complete our various tasks.

There are also many water and wastewater events coming up that one should consider.

Our annual ACWWA conference and trade show is early this year (**September 12-14, 2010 in Saint John, N.B.**) so keep an eye out for the conference package, which will arrive soon. This year we will have on-line registration,

Chair's Message

Ensor Nicholson

which is quick and simple for all.

Other upcoming events are listed below for your consideration:

National Conference and Policy Form on Wastewater – September 10-12, 2010 in Niagara Fall, Ontario.

IWA World Congress - September 19-24, 2010 in Montreal, Quebec

WEFTEC 2010 – October 2-6, 2010 in New Orleans, Louisiana

Canadian Drinking Water Forum – October 30- - November 2, 2010 in Saskatoon, Sask.

CWWA Window on Ottawa – December 1-2, 2010 in Ottawa, Ontario

Your ACWWA Board continues to work hard at improving the delivery of our education and communication programs.

Take care and have an enjoyable and safe summer.

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
ACWWA or WEF!

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



ATLANTIC CANADA
WATER & WASTEWATER ASSOCIATION

WEF

WEF executive director steps down

Paul Freedman

WEF President

EXECUTIVE Director Bill Bertera has announced that he will be leaving the organization effective December 31, 2010, approximately seven months from now. We cannot speak more highly about our appreciation of his accomplishments to our organization and our profession. Bill has overseen many positive developments during his tenure as the executive director and will leave WEF financially strong and programmatically robust, well positioned to continue its role as a leading professional water organization. The organization is stronger than ever as we take on the challenges of the new decade. We all thank him for his contributions.

With his announcement, the Board will be implementing a series of actions consistent with a succession plan developed previously by the Board in conjunction with Bill, to ensure a smooth, orderly transition, a thoughtful search process, and effective management throughout the process. The Board will initiate an executive search by identifying an executive search firm. We will begin the process immediately, and expect to announce our selection of the firm within the next month. Once selected, we will work closely with the

Bill will leave WEF

financially strong and

programmatically

robust, well positioned to

continue its role as a

leading professional

water organization.



Bill Bertera

chosen firm to implement an open and transparent search process, with the goal of having a new executive director in place by early 2011.

We expect business as usual, under Bill's leadership, with the day-to-day business of the organization continuing in an uninterrupted manner. We appreciate your ongoing support of the organization, and we will keep you updated on the search process as it progresses.



Has Your Operator's Certificate Expired?

*Renewal is mandatory.
Call today to find out more.
902-424-8919*

NOVA SCOTIA
Environment



Pierre Marc Gendron, P.Eng., M. Eng.
Vice President sales and development

Tél. : 450.623.2200 ext. 303
Cell. : 514.833.2528
Fax : 450.628.3308
www.hyprescon.com

50 years of Quality and Service you can depend on



Canada's largest manufacturer of
Couplings, Service Saddles,
Repair Clamps and Tapping Sleeves



Robar Industries Ltd
info@robarindustries.com
450.641.9525 or Toll Free 1.800.315.9525
www.robarindustries.com



ITT | Water & Wastewater

**MUNICIPAL PUMPING
MONITORING &
CONTROL SYSTEMS
EXTENSIVE SEWAGE BYPASS
AND MORE!**

**PUMPS • GENERATORS
RENTALS • SALES**



ITT Water & Wastewater Canada
Moncton, NB (506) 857-2244
Halifax, NS (902) 450-1177
St. John's, NL (709) 722-6717
www.ittwww.ca

The ACWWA Lloyd Douglas Scholarship

THE Atlantic Canada Water and Wastewater Association (ACWWA) established this scholarship in 2010 in recognition of dedicated service rendered by long-time member and tireless ACWWA supporter, Lloyd Douglas. ACWWA is a 'Section' of the American Water Works Association (AWWA) and a 'Member Association' of Water Environment Federation (WEF).

ACWWA is comprised of over 430 water professionals from Atlantic Canada representing the water and wastewater industry from a number of disciplines including System Design & Consulting, Utility Management & Operations, Academia & Students, and Service Providers & Contractors.

The goals of the association under its Strategic Plan are to:

- Support industry best practices
- Provide our industry with an education for the future
- Promote information exchange in the water and wastewater industry
- Conduct annual conferences
- Enhance government relations
- Increase/Optimize membership
- Improve our Association's effectiveness

Number and Value: Four \$500 (one for each Atlantic Canadian province: NS, NB, NL, PEI)

Tenure: One year

Basis of Award: Selection for the award is based on an equal opportunity basis with the assessment based on:

- 1) Academic record of the applicant after one year completion of post secondary education (30 %)
- 2) Statement/ Essay (60 %)

3) Work Experience / Extracurricular Activities (10 %)

Preference will be given to a candidate with a demonstrated interest in working in the water or wastewater treatment sectors.

Eligibility: Applicants shall:

- Be Canadian citizens or permanent residents of Canada;
- Be a resident of Atlantic Canada;
- Have successfully completed one year of post secondary education in Canada;
- Be registered as a full-time student in further post secondary studies in Canadian universities or colleges;
- Intend to pursue a career related to the municipal water or wastewater industry.

Fields of Study: University Degree in Engineering/Science or College Diploma in water/wastewater field.

Apply to:

Dr. Jennie Rand,
Scholarships Committee
Atlantic Canada Water and Wastewater Association
PO Box 41002,
Dartmouth, NS, B2Y 4P7
acwwa@hfx.andara.com (Email)

Application Deadline:

October 15, 2010

- Contact information: name, phone number, mailing and email addresses;
- A copy of the post-secondary course transcripts completed to date;
- A description/list of planned future studies;
- A 500-word statement or essay of the applicant's interest, knowledge and future goals in the water/wastewater industry together with applicable work experience or extracurricular activities.

Selection: Selection will be carried out by the ACWWA Scholarships Committee.

AWWA Management Institutes scheduled for September & October

Basic

The five-day Basic AWWA Water Utility Management Institute will be presented in Salt Lake City, Utah, September 13 - 17, 2010.

The schedule is as follows:

- Day 1 - Foundations Of Leadership;
 - Day 2 - The Leader's Role In Performance Management;
 - Day 3 - Managing Conflict;
 - Day 4 - Employee Selection;
 - Day 5 - The Leadership of Change.
- The registration fee is \$499.00.

Advanced:

An Advanced AWWA Water Utility Management Institute is scheduled at the same location the week of October 18 - 22, 2010.

That schedule is as follows:

- Day 1 - Assessment Of Leadership Vision, Values and Strategy;
- Day 2 - Teambuilding;
- Day 3 - Decision Making;
- Day 4 - Transformational Leadership and Vision Alignment;
- Day 5 - Critical Thinking Skills For Problem Resolution And Innovation.

The Advanced Institute registration fee is \$499.00.

Optional certification from Utah State University will be available for \$50.00 extra to members needing to meet training requirements for professional affiliations.

To obtain the Basic Institute and/or Advanced Institute schedule and registration information, call Chuck Christensen at (801) 281-0107, or email him at chuckets@msn.com.



Halifax
Regional
Water
Commission

450 Cowie Hill Road
P.O. Box 8388 Stn A
Halifax, Nova Scotia B3K 5M1
490-4840

**Delivering
Value and
Quality for
over 60 years**

CONSULTING ENGINEERS

CIVIL/STRUCTURAL
MUNICIPAL/PROCESS/SOLID WASTE
MECHANICAL/ELECTRICAL/INSTRUMENTATION

ENVIRONMENTAL SCIENTISTS

CONSTRUCTION INSPECTORS

PROJECT MANAGERS

SYDNEY, NS
CHARLOTTETOWN, PE
SAINT JOHN, NB
FREDERICTON, NB
ST. JOHN'S, NL
CORNER BROOK, NL
HAPPY VALLEY-GOOSE BAY, NL



CBCL LIMITED

Consulting Engineers

HALIFAX

1489 Hollis Street
PO Box 606
Halifax NS B3J 2R7
tel: 902 421 7241
fax: 902 423 3938
info@cbcl.ca
www.cbcl.ca

Website offers resources for recruiters, job seekers

Alexandria, Va. -

THE Water Environment Federation (WEF) and the American Water Works Association (AWWA) today announced the launch of WorkForWater.org, a collaborative Web site featuring resources for water recruiters, career seekers and students.

The site addresses one of the water community's top concerns in the coming decade —the expected retirement of 30% of the water workforce and the need to recruit new talent to the field. AWWA and WEF in March announced the Work for Water outreach campaign, which promotes water careers as both professionally fulfilling and aligned to the greatest public health and environmental cause of our day — access to safe water and sanitation services.

The new Web site is a gateway to many recruiting and retention resources already available throughout North America and beyond. WEF and AWWA are inviting organizations to contribute documents, videos and links that benefit both career seekers and employers.

“Work for Water aims to generate excitement about and interest in careers in the water profession,” said WEF President Paul Freedman. “This new Web site will act as a recruitment tool for all of us who are trying to make information on water sector careers readily available.”

“A vibrant, reliable water workforce is critical to the health of our communities and the environment,” added AWWA President Craig Woolard. “The Work for Water Web site will highlight some of the great work already being done to address the coming workforce crunch.”

The U.S. Environmental Protection Agency, which joined AWWA and WEF members in developing the Work for Water campaign, posted a portion of its new “Water you waiting for?” video on the site. WorkForWater.org also highlights efforts such as the Georgia Association of Water Professionals’ H2Opportunity! and the Water Sector Competency Model jointly released by WEF, AWWA, the U.S. Department



of Labor and U.S. EPA last November.

The site has landing pages for four audiences: high school and vocational school students, college students, second career and retired military job seekers, and advanced science professionals.

For more information, visit www.WorkforWater.org.

About WEF

Formed in 1928, the Water Environment Federation (WEF) is a not-for-profit technical and educational organization with 36,000 individual members and 75 affiliated Member Associations representing water quality professionals around the world. WEF and its Member Associations proudly work to achieve our mission of preserving and enhancing the global water environment. www.wef.org

About AWWA

AWWA is the authoritative resource for knowledge, information, and advocacy to improve the quality and supply of water in North America and beyond. AWWA is the largest organization of water professionals in the world. AWWA advances public health, safety and welfare by uniting the efforts of the full spectrum of the entire water community. Through our collective strength we become better stewards of water for the greatest good of the people and the environment. www.awwa.org



FLYGT

KEEP YOUR HEAD WAY ABOVE WATER

WITH FLYGT PRODUCTS & SERVICES

Pumps • Mixers • Controls
Rentals • Sewage by-pass

Moncton, NB (506) 857-2244
Halifax, NS (902) 450-1177
St. John's, NL (709) 722-6717

www.ittflygt.ca

Flygt
ITT Industries



ENGINEERING

PLANNING

SURVEYING

terrain
THE SCIENCE OF PRACTICAL SOLUTIONS

www.terraingroup.com 902.835.9955

SERVING CLIENTS FROM OUR OFFICES IN DARTMOUTH, MONCTON, SAINT JOHN AND EDMONTON

Atlantic Backflow Specialists Ltd.
Serving Atlantic Canada

Surveys
Tests



Installations
Repairs / Parts

Certified Cross Connection Control Specialists

Fax (902) 434-3990
69 Mt. Edward Rd.
Dartmouth, N.S.
B2W 3K6

Albert S. Jones CET. web site
Bus: (902) 499-7748 www.atlanticbackflow.com

ACWWA invites submissions

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.

Criteria:

- Member of the Water Environment Federation.
- Organizational leadership, administrative service, membership activity, stimulation of technical functions, or similar participation.

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.

Criteria:

- The documented and illustrated safety program and safety record of the facility for the preceding calendar year are the primary criteria for the award.




www.adi.ca

Providing Quality Environmental and Engineering Services for Over 50 Years

- Water and Wastewater systems
- Water Quality / Management
- Water Supply / Sourcing
- Stormwater Management
- Environmental Assessments
- Risk Assessment and Remediation
- Solid Waste Management
- Site and Construction Services
- Geotechnical / Material Testing

Fredericton • Saint John • Moncton • Charlottetown
Halifax • Truro • Port Hawkesbury • Sydney • St. John's

Architects + Engineers + Planners



ADI Limited
A Truist Global Company



506.452.9000
www.adilimited.ca

ADI Limited professionals provide superior design and consulting services across a broad range of disciplines, including:

- Water and wastewater treatment
- Water quality/management
- Water supply/sourcing
- Stormwater management
- Infrastructure asset management
- Environmental assessments

Understand, Innovate, Partner, Deliver



R.V. Anderson Associates Limited
engineering · environment · infrastructure



Water Supply and Treatment
Wastewater Treatment & Collection
Storm Water Management

Municipal Infrastructure
Tunnelling
Urban Development

tel 506 857 8525
www.rvanderson.com

moncton fredericton toronto niagara ottawa sudbury london mumbai

Submissions for awards at Saint John Conference



- Additionally, each WEF Member Association is allowed full freedom to establish its own criteria.

MacNab Award (ACWWA 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) (ACWWA 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.

Volunteer Recognition Award (ACWWA 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, (ACWWA), or employed by a utility member of ACWWA.

Project of the Year - Engineering/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 - between 5000 and 25,000 customers

- Large Utility - more than 25,000 customers

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.

Criteria:

- Member of the Water Environment Federation.
- Candidate must be employed at an educational facility laboratory, industrial, commercial, or municipal laboratory which performs wastewater-related analysis, and must have direct analytical responsibilities.
- Candidates are eligible for this award only once.
- Qualifying criteria may include:
- Membership and involvement in professional associations. Examples: Water Environment Federation Committees, Standard Methods Joint Task Groups, MA committees and conferences and conference activities.
- Outstanding efforts in the area of wastewater and environmental aquatic analyses, including such items as innovative sampling techniques or solutions to a treatment, analytical or environmental problem.
- Involvement in community activities or public relations.
- Presentations at professional conferences, meetings, etc. relevant to water quality analysis.
- Professional certifications.
- Continuing education.
- Contributions that have been beneficial to the nominee's facility.
- Unusual initiative or performance "beyond the call of duty".

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 ACWWA Annual Conference and Exhibition. All other awards are presented at the ACWWA conference.

The deadline for submissions will be August 13, 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
 Home page: www.acwwa.ca

Greater Moncton leads the way

THE Greater Moncton Sewerage Commission (GMSC) has implemented the National Biosolids Partnership-Environmental Management System (NBP-EMS) program as an effective way to continually improve its operation for the beneficial use of the biosolids produced at its wastewater treatment facility. The biosolids produced are used as one of the primary feedstocks in the production of compost products which are approved for unrestricted use by the Province of New Brunswick.

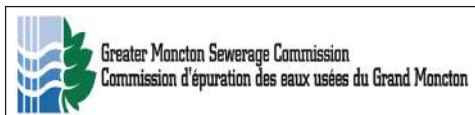
The GMSC is proud to have achieved the NBP-EMS Certification designation and will be recognized as the 29th and first Canadian and International organization to be certified and admitted to the National Biosolids Partnership EMS program. This is an important achievement in our goal of always aiming for environment excellence as well as being a necessary tool in our succession planning strategy.

GMSC profile / history

The Greater Moncton Sewerage Commission (GMSC) was created in 1983, as a result of consultations and co-operation between the City of Moncton, the City of Dieppe, City of Moncton, the Town of Riverview and the Province of New Brunswick. Its mandate was to undertake the design and construction of a wastewater collection and treatment system in order to eliminate the direct discharge of raw wastewater from the three municipalities to the Petitcodiac River. This river is part of the Bay of Fundy system which is known for one of the highest tides in the world – up to 10 m.

The current wastewater conveying and treatment assets of the GMSC consist of 30 kms of collection sewers and tunnels, eight (8) sewage lift stations, one (1) large automated pumping station (capacity 265 000 m³/d) considered the largest of its kind in Atlantic Canada.

Located in Riverview, New Brunswick, this 115 000 m³/d Wastewater Treatment Facility provides screening, grit removal, advanced chemically assisted primary treatment to meet provincial guidelines for effluent BOD (12 700 kg/d) and suspended solids (7600 kg/d) utilizing three large



circular flocculation type clarifiers with integral picket thickening, raw sludge dewatering via high solids handling centrifuges, lime stabilization of raw sludge and odour control facilities using wet scrubbers and biofilters.

Effluent disinfection is not required under the current provincial regulatory agency Certificate of Approval. The current serviced population is approximately 100 000 with average daily flow of approximately 66 000 m³/d. The raw sewage BOD and TSS are 202 mg/L and 173 mg/L respectively. Considerable septage is also handled at the plant. Plans are underway to enhance the treatment levels.

The GMSC facility receives septage waste from the surrounding communities of Westmorland, Albert, and Kent Counties. The GMSC has an on-going biosolids beneficial use program which is integrated, sustainable and cost-effective. The GMSC currently operates a biosolids management program – a function of the Wastewater Treatment Facility.

In 2008, the GMSC completed the construction of its unique and leading edge Composting Facility. The GMSC produces approximately 11, 000 wet tonnes per year of biosolids, (2600 dry tonnes of lime

stabilized biosolids). The composting process used by the GMSC combines bottom aeration and a proprietary cover system referred to as the GORE™ Cover System.

The GMSC is committed to promoting and actively pursuing the beneficial use of biosolids produced from its wastewater treatment plant in an environmentally sustainable manner while being fiscally responsible. The GMSC is committed to consistently producing a Biosolids Compost Product, referred to as *Gardener's Gold Compost Type A (Compost Soil Conditioner and Compost Mulch)*, and meeting or exceeding the CAN/BNQ 0413-200/2005-01-21 Standard for compost.

The GMSC was the first non-Quebec organization in Canada to achieve BNQ (Bureau de Normalisation du Québec) Certification for its compost products. The compost product produced has also received the “Compost Quality Alliance” designation by the Composting Council of Canada (CCC).

The GMSC hosted, in June 2007, in Moncton, New Brunswick, Canada, the IWA Specialist Biosolids Conference entitled: *Wastewater Biosolids Sustainability: Technical, Managerial, and Public Synergy*. The conference was the first of its kind to be held globally and involved representatives from the United Nations, the World Health Organization, the World Bank and 44 different countries involving more than 450 delegates.

Resulting from an idea raised at the conference, the GMSC, in partnership with the United Nations (UN-Habitat), took the lead in the creation and publication of the *Global Atlas of Excreta, Wastewater Sludge, and Biosolids Management: Moving Forward the Sustainable and Welcome Uses of a Global Resource*. The publication runs to 608 pages and chronicles excreta, wastewater sludge, and biosolids management practices in 37 countries and regions throughout the world, with reports on sanitation in 59 jurisdictions. The GMSC is proud to have partnered with UN-Habitat in this most important initiative. Immediately following the conference, the GMSC was invited by the United Nations (UN-Habitat) to make a presentation at a conference of managers of cities of Afri-

Way in biosolids management

can countries at the UN Campus in Nairobi, Kenya. More recently, representatives of the GMSC were invited to be keynote speakers at the IWA Specialized Conference on Decentralized Water and Wastewater in Kathmandu, Nepal.

As part of sustainable development objectives, biosolids must be regarded as a recyclable resource that can be put to beneficial use. Many traditional disposal options such as landfilling and incineration are becoming less acceptable from an economic and environmental standpoint. As a result, many jurisdictions are moving quickly to develop a long-term beneficial use strategy for wastewater sludge/biosolids that is sustainable, cost-effective and environmentally acceptable. The GMSC has moved in this direction with highly successful results in its management and beneficial use of lime-stabilized biosolids from the GMSC.

The GMSC is managed by a volunteer Board of Directors nominated by Moncton, Dieppe, Riverview and the Province.

NBP profile / history

The National Biosolids Partnership (NBP) is a not-for-profit alliance formed in 1997 with the National Association of Clean Water Agencies (NACWA), Water Environment Federation (WEF), and US Environmental Protection Agency (EPA) with the goal to advance environmentally sound and accepted biosolids management practices.

The framework of NBP's EMS program is structured around the operation of wastewater treatment facilities, both large and small, and promotes four Key Outcomes: Quality Management Practices to ensure consistent product quality; Relations with Interested Parties to establish and maintain credibility; Regulatory Compliance to meet or exceed compliance with regulatory requirements; and Environmental Performance in order to protect the environment for future generations.

Benefits from NBP EMS

The GMSC implemented the EMS system as an effective way to continually improve its operations for the beneficial use of the biosolids produced at the Wastewater Treatment Facility. Achieving NBP Certification is an important accomplish-

ment in our goal of always aiming for environmental excellence and the desire to be a leader in environmental stewardship as well as a necessary tool in succession planning.

The GMSC has a currently strong management system including a well established and sustainable composting program. The most recent implementation of the NBP-EMS program is an enhancement and improvement in an already positive program. The following are some of the benefits that GMSC has recognized as well as those that are anticipated with the development of the NBP-EMS program:

Improved documentation and record keeping

Proactive Management Practices

Improved Communication – Internally and Externally

Public Recognition

Regulatory Compliance

Environmental Performance

Leadership in Environment Stewardship

What does it mean to be an NBP certified agency?

In order to be admitted and certified to the National Biosolids Partnership's World Class Biosolids Environmental Management System Program, GMSC must meet five requirements.

GMSC has documented its responsibility for the Biosolids Value Chain-pretreatment, treatment and final use;

GMSC has committed to the 10 principles in the National Biosolids Partnership's Code of Good Practice;

GMSC operates a Biosolids Environment Management System that meets all the National Biosolids Partnership's requirements;

GMSC has committed to make continual improvements in their Environmental Management System for environmental performance; regulatory compliance; public participation; and quality biosolids management practices; and

GMSC has successfully completed a fully independent audit of its Environmental Management System and has been verified by a National Biosolids Partnership's accredited company.

The NBP Seal of Approval means that GMSC has been certified by the NBP.

GMSC is very proud to be recognized as the 29th organization certified and admitted into the NBP EMS program. GMSC is particularly proud of being the first Canadian and International agency to have accomplished this achievement.

The journey

Under the leadership of Ronald J. LeBlanc, Chairman of the GMSC, the concept of a "Canadian Biosolids Partnership" was proposed in partnership with the Canadian Water and Wastewater Association (CW-WA). The GMSC has also forged links with other groups around the world including the NBP.

Following a visit with WEF and NBP officials in Alexandria, VA to gather background and knowledge on the NBP Program, it was recognized that a certification program such as offered by the NBP would definitely be a very useful tool for the GMSC. There begins the "Journey". The following is a summary of the GMSC achieved milestones to NBP Certification:

April 2009	Letter of Understanding – GMSC – WEF
June 2009	NBP – Program Presentation
August 2009	GMSC Adopts "Biosolids Management Policy"
February 2010	First Internal Audit
March 2010	KEMA – 3 rd Party Verification Audit
June 2010	NBP Certification

The development and implementation of the GMSC EMS Program required significant effort. However, it proved to be a very useful and worthwhile exercise. A very strong commitment from all GMSC staff was in place during the implementation of the program. The recognition of this hard work is the achievement of obtaining the certification. Congratulations to all staff for their hard work.

Gmsc welcomes NBP certification

The GMSC is committed to consistently producing a Biosolids Compost Product, referred to as *Gardener's Gold Type "A" (Compost Soil Conditioner and Compost Mulch)* and meeting or exceeding the CAN/BNB 0413-200/2005-01-21 Standard for Compost.

The GMSC is proud to include the NBP-EMS Certificate to its program



Schedule & highlights

Sunday, September 12, 2010

11:00 am	Golf at Rockwood Park
1:00 pm	Technical Tours
3:00 pm	River Cruise
4:00 pm	Guided Tour of Saint John
5:30 pm	Young Professionals Dinner
8:00 pm	Meet and Greet Reception

Monday, September 13, 2010

7:00 am	Water for People 5 km Run/ Walk
8:30 am	Conference Opening and Keynote Speaker
Noon	Annual General Meeting Luncheon
3:45 pm	Top Ops Competition
6:00 pm	ACWWA Banquet
9:00 pm	ABEA Hospitality Reception (off-site)

Tuesday, September 14, 2010

7:30 am	Awards Breakfast
Noon	Tradeshow
3:30pm	Pipe Tapping Demonstration
4:00pm	Architectural Walking Tour
6:00 pm	Reception/Down East Feast and Kitchen Party

SUNDAY

Join us for one of these technical tours:

- **Option 1– Millidgeville Wastewater Treatment Facility.** This is a secondary treatment plant, upgraded in 2004 to accommodate 10,000 cubic metres of wastewater per day.
- **Option 2– Rothesay Water Treatment Plant.** In 1996, the Town of Rothesay's Water Treatment Plant was the first major plant constructed using Zenon low-pressure membrane technology.
- After the tours, the bus heads to the Saint John Marina for the River Cruise. The M.V. Voyageur II, a true Mississippi River Boat, will wind its way up the St. John and Kennebecasis Rivers.

MONDAY

- The annual banquet on Monday evening will feature a great menu, live pre-dinner music and a few interesting surprises.
- After the trade show enjoy a walking tour of the Uptown's historic Trinity Royal area, narrated by the curator of the New Brunswick Museum.

TUESDAY

- **Pipe Tapping Demonstration–** A team from Saint John Water will put on a pipe tapping demonstration. AWWA rules and regulations will guide the demonstration. Should any municipality or firm wish to field their own demonstration team, please contact Graham Huddleston (506) 658-4477 for details. Registration \$50.
- **Annual Down East Feast** will be a night like no other. The evening will be filled with great food, laughter and live local entertainment sure to get you on the dance floor.

Keynote Speaker

Richard Zurawski

Environmentalist & Meteorologist



Richard Zurawski is a familiar voice and face to people across the Maritimes. Author, broadcaster and documentary filmmaker, Richard is well known as chief meteorologist for Rogers Radio in Halifax, Saint John and Moncton. In addition to his weather updates, Richard also co-hosts the Wednesday Science File with Andrew Krystal and also writes a popular science blog for the station's website three times a week.

Richard is currently working on his Doctorate in Philosophy at the University of South Australia and has his Research Master of Arts in Education from Mount Saint Vincent University, a Bachelor of Science in physics and mathematics from the University of Windsor and diplomas in meteorology and advanced meteorology from Environment Canada. He has written two books on Maritime Weather and Climate Change and is slated to publish his third about Television and Science with Fernwood Press early next year. His latest documentary production, M5 - Weapons of War, is now airing on Discovery HD.

He has also acquired undergraduate credits in geology, biology, German, philosophy and astronomy at the University of Toronto. Richard is a member of the Canadian Independent Film Caucus, The Alliance of Children's Television (past board of director), Royal Astronomical Society of Canada, Mensa, and the American Meteorological Society.



Conference attractions

ABEA COMMON HOSPITALITY RECEPTION

The ABEA Host Supplier group welcomes you once again to join the festivities on Monday evening. Following the Annual Banquet join friends, colleagues and new faces at your only exclusive Waterworks party of the year. As in previous years a favorite local Maritime establishment will play host to delegates and ABEA suppliers. Live music, great food and service without a wait will all be part of a fun filled evening in Historic Uptown Saint John. Find out what the buzz is about and check it out! Location will follow in the Conference Program

TOP OPS COMPETITION

The Sixth annual Top Ops Competition will be held on Monday, September 13 at 3:45 pm. The Top-Ops challenge was developed to recognize and promote excellence and professionalism in all aspects of water operations by establishing a contest that gives operators the opportunity to showcase their talents. In this "Reach for the Top" style event, teams of two or three water treatment/distribution operators compete against other teams in a competitive, fast-paced question and answer tournament.

For a complete set of competition rules, please contact Trent Brewer at (506) 460-2179.

Registration is \$50 per team. The deadline for registration is Friday, September 3rd, 2010. To register contact David Russell or Barb Crawford at (506) 633-5000.

COMPANION PROGRAM

Is your companion thinking of joining us? Saint John has plenty to offer. A special program has been created just for companions, featuring morning yoga at the Yoga Outlet, a wine tasting over lunch at Opera Bistro, a gallery hop through Uptown Saint John, which has the highest concentration of galleries in Atlantic Canada, and lunch at the famous, historic City Market. As well, companions will have an opportunity to shop Uptown with a local guide.

There's everything from fashion to jewelry to art and New Brunswick crafts. Monday, September 13th

Morning Yoga at the Yoga Outlet Wine Tasting and Luncheon at the Opera Bistro Shopping in Uptown Saint John Tuesday, September 14th Morning Yoga at the Yoga Outlet Uptown Saint John Art Gallery Hop Lunch at the City Market Shopping in Uptown Saint John Companions are also welcome to take part in the River Cruise, the two guided tours, as well as the Monday evening banquet, keynote address and Down East Feast Tuesday evening.

CONFRONT THE CRISIS

People without access to safe drinking water: 884 million

People without adequate sanitation: 2.6 billion

Water For People envisions a world where no one suffers or dies from a water-related illness. Some may say that's too lofty a goal, but frankly we have high expectations.

Water For People focuses on long-lasting solutions as one of the most important outcomes in solving the problems of safe water and sanitation in the developing world.

Look for Water For People Canada volunteers at ACWWA 2010 for more information and ways to get involved:

- Meet and Greet Fundraiser, Sunday 8 to 10 p.m.

- 5km Fun Run (or Walk), Monday 7a.m. in hotel lobby

- Silent Auction, Monday 12 p.m. to Tuesday 4 p.m., Manchester Room

Please visit www.waterforpeople.org for more information on our programs and how you can get involved.

HISTORIC TOURS YOUNG PROFESSIONALS

The YP Committee provides young water and wastewater professionals with opportunities for learning and socializing with one another and with more experienced professionals. If you are between 20 and 40 years old and would like to take part, be sure to check the YP Dinner box on your registration form. Mature professionals

are also encouraged to join in – your experience and advice are invaluable to those just starting out in the industry.

Tuesday afternoon gives conference goers the chance to explore historic Uptown Saint John with a guided walking tour. A guide from the New Brunswick Museum will show you the best of Saint John's architectural and artistic gems, from the Chubbs Corner gargoyles based on city councillors to the Hooper statues.

As well, Saint John is featuring a display of water and sewer history, including historic photos, equipment, valves and other pieces of the industry's past. If other municipalities or suppliers have any interesting water antiques or curiosities to display, please contact Al Phinney (506) 658-4764.

Join the ACWWA Young Professionals (YP) for dinner on Sunday night at Peppers Pub, Market Square Boardwalk

2010 ACWWA/ABEA Tradeshow 6th Annual Edition

In a world of websites, e-mails, and voice mails, our trade show offers one of the true opportunities to build relationships with face-to-face contact. The 2010 Tradeshow will allow delegates and participants the chance to meet with suppliers, manufacturers, industry experts, new contacts and network with colleagues. Take in the whole conference or just the Tradeshow. We've set aside Tuesday afternoon (12 p.m. - 4 p.m.) for exhibitors to showcase their products and services.

Expect 50+ booths occupied by local and international companies. The ABEA, Host Supplier group of the ACWWA, will once again challenge delegates and participants with their sixth annual "ABEA Passport System". A simple question/answer card found in your delegate package can be filled out during the Tradeshow, giving you an opportunity to win a \$1000 gift certificate. It will be drawn during the Down East Feast event Tuesday evening. Don't miss your chance to win!



Technical Sessions

MONDAY	10:15 - 10:45	10:45 - 11:15	11:15 - 11:45
Technical Session A1	Leak Detection Survey for a Large Diameter Water Transmission Main. Blair Dancer – City of Calgary, Myron Shenkiryk and Stewart Day – Pure Technologies Inc.	City of Saint John – District Metering Program to Reduce Water Loss. Jeremy Howley – City of Saint John Brian Moreau – CBCL Limited Kingsley Blease – G & M Project Management	Live Inspection of a Large Diameter PCCP Line Using a Free Swimming Tool. William Jappy
Technical Session A2	Canada-Wide Strategy for the Management of Municipal Wastewater Timothy R. LeBlanc – New Brunswick Department of Environment	Practical Experience with implementing the new Canada Wide Strategy for Municipal Wastewater. Vincent Balland – NATECH Environmental	Collection Systems Modeling by the GMSC in Preparation for the New CCME Wastewater Guidelines. Troy Poirier – R.V. Anderson Associates Limited Conrad Allain – Greater Moncton Sewerage Commission
Technical Session A3	Removing External Factors from Pumping Test Data During Analysis. Kent Wiesel	RIGHT From the Tap! - Improving Saint John's Complex Drinking Water Program Using Value Engineering. Dean Price – City of Saint John David Wilson – NCE Value Engineers Inc.	Applying Value Engineering to Municipal Engineering Projects. Kevin Murphy – CBCL Limited
	2:00-2:30	2:30-3:00	3:00-3:30
Technical Session B1	Removal of Select Pharmaceuticals from Water by Natural Bio- Polymer Chitosan. Serena Sanford and Kripa S. Singh University of New Brunswick	Enhanced Removal of HPC Bacteria in High TOC Drinking Water. Jennie Rand, Jordan Boudreau, and Weston Gerrits – Acadia University	Dissolved Air Flotation (DAF) Municipal Water Treatment Plant - Town of Dalhousie, NB. Eric Bell – Stantec Consulting Limited Eddie Guitard – Town of Dalhousie
Technical Session B2	City of Saint John – Eastern Wastewater Treatment Facility. Mike Abbott – CBCL Limited	Computer Modeling and Dynamic Simulation of Wastewater Treatment Plants. R.N. Smith and Daryl Burke – ADI Limited	The Application of Engineered Wetlands for Wastewater Treatment in New Brunswick. Jochen Schroer – NATECH Environmental Services Inc.
Technical Session B3	Specific Capacity – A Well Performance Assessment Tool. Jonathan Keizer and Gil Violette – Stantec Consulting	Water Soft Paths: A Way to A Sustainable Future? Cameron Deacoff – Halifax Regional Municipality	New Developments with the Rotary Press for Dewatering or Various Residuals Including Waste Activated Sludge. Peter Gagné – Fournier Industries Inc.
TUESDAY	9:00 - 9:30	9:30 - 10:00	10:00 - 10:30
Technical Session C 1	“Coming Down the Pipe” for Saint John – Treatability Challenges and Conceptual Design Approaches. Ken Campbell – R.V. Anderson Associates Limited	Geosmin and MIB Removal. John F. Civardi – Hatch Mott MacDonald	Upgrades at the Bathurst WTP John Gallant – R.V. Anderson Associates Limited
Technical Session C 2	Climate Change Effects on New Brunswick Surface Water Availability. H. Arisz, D. Scott, and B.C. Burrell – R.V. Anderson Associates Limited	Small Surface Water System Upgrades – The Halifax Water Perspective John Eisnor – Halifax Water	Town of Springhill Source Water Protection Plan Brian Herteis – Town of Springhill
Technical Session C 3	Trenchless Technologies – A Valuable Component of the Asset Renewal Program. Jamie Hannam – Halifax Water & NASTT Derek Potvin – Robinson Consultants – NASTT Kevin Bainbridge – City of Hamilton & NASTT	Numerical Modeling for the Development of an Emergency Action Plan for Three Pipeline River Crossings in Montreal, QC. Andres Rodriguez – Stantec Consulting Limited	New Brunswick Department of Supply and Services Petitcodiac Causeway Project – City of Moncton Water Transmission Main. Gordon Wasson, Boyd Touchie, and Mike Pauley – ADI Limited
TUESDAY	10:45 - 11:15	11:15 - 11:45	11:45-12:15
Technical Session D1	Disinfection By-product (DBP) Precursor Removal with Magnetic Ion Exchange (MIEX). Impact of Water Quality on Treatment Efficacy. Lindsay Anderson, Margaret Walsh, and Leigh McDermott – Dalhousie University and Stantec Consulting Limited	Trends and Advances in Water Treatment – the Ontario Experience. Zoran Filinov – R.V. Anderson Associates Limited	The Development and Analysis of a Continuous Monitoring Network for Lake Pockwock- Avoiding the Data Rich but Information Poor Syndrome. Colin Ragush – Dalhousie University, Young Professional
Technical Session D 2	Fusible PVC Pipe in Municipal Infrastructures. Louis-Philippe Dubé –IPEX Inc.	Ductile Corrosion Control of Ductile Iron Pipe with Polyethylene Encasement. Normand De Agostinis – Senior Regional Engineer	Introduction to On- Site Electrolytic chlorination Systems. Derek Proulx – Siemens Water Technologies
Technical Session D3	Microbial Monitoring Associated with Filter Ripening Sequences Matthew Follett and Graham A. Gagnon Dalhousie University, Young Professionals	Natural Organic Matter Characterization and Removal by Coagulation. Krysta Montreuil – Dalhousie University, Young Professional	From Jar- Testing to Pilot- Studies: Understanding Coagulant Optimization Studies. Alisha Knowles, Jessica Mackay and Graham Gagnon – Dalhousie University, Young Professionals



Registration

First Name _____ Last Name _____
 Title _____ Organization _____
 City _____ Province/State _____
 Postal Code/Zip Code _____ Country _____
 Phone _____ Fax _____
 E-Mail _____ Membership No. _____

Registered Companion _____

Sector: Utility Supplier Contractor Consultant Student Academic Other

Registration Fee - Member	@ \$395.00	_____
Registration Fee - Non-Member	@ \$445.00	_____
Registration Fee - Companion	@ \$195.00	_____
Registration Fee - Student	@ \$30.00	_____
Registration Fee - Monday Member Day Pass (Only Lunch Included)	@ \$125.00	_____
Registration Fee - Monday Non-Member Day Pass (Only Lunch Included)	@ \$150.00	_____
Registration Fee - Tuesday Member Day Pass (Only Lunch Included)	@ \$125.00	_____
Registration Fee - Tuesday Non-Member Day Pass (Only Lunch included)	@ \$150.00	_____
Late Registration Fee (after August 27, 2010)	@ \$100.00	_____

MEALS AND ACTIVITIES

SUNDAY	Golf	<input type="checkbox"/> Delegate	<input type="checkbox"/> Companion	@ \$35.00 = _____
SEPT 12	Technical Tours <input type="checkbox"/> Rothesay <input type="checkbox"/> Millidgeville	<input type="checkbox"/> Delegate	<input type="checkbox"/> Companion	Included
	Guided Tours of Saint John	<input type="checkbox"/> Delegate	<input type="checkbox"/> Companion	@ \$10.00 = _____
	Young Professional Supper, Peppers Pub Market Square	<input type="checkbox"/> Delegate	<input type="checkbox"/> Companion	Included
	St. John River Cruise	<input type="checkbox"/> Delegate	<input type="checkbox"/> Companion	@ \$45.00 = _____
	Meet & Greet	<input type="checkbox"/> Delegate	<input type="checkbox"/> Companion	Included
MONDAY	Continental Breakfast	<input type="checkbox"/> Delegate	<input type="checkbox"/> Companion	Included
SEPT 13	Annual General Meeting Luncheon	<input type="checkbox"/> Delegate	<input type="checkbox"/> Companion	Included
	Companion's Luncheon		<input type="checkbox"/> Companion	Included
	Annual Banquet - Semi-formal Attire	<input type="checkbox"/> Delegate	<input type="checkbox"/> Companion	Included
	ABEA Common Hospitality Reception	<input type="checkbox"/> Delegate	<input type="checkbox"/> Companion	Included
TUESDAY	Awards Breakfast	<input type="checkbox"/> Delegate	<input type="checkbox"/> Companion	Included
SEPT 14	Box Lunch at Tradeshow	<input type="checkbox"/> Delegate		Included
	Companions Luncheon		<input type="checkbox"/> Companion	Included
	Uptown Architectural Walking Tour	<input type="checkbox"/> Delegate	<input type="checkbox"/> Companion	@ \$10.00 = _____
	Down East Feast - Steak & Lobster Buffet	<input type="checkbox"/> Delegate	<input type="checkbox"/> Companion	@ \$35.00 = _____
	Down East Feast - Steak & Lobster Buffet	<input type="checkbox"/> Extra Tickets		@ \$75.00 = _____

Please describe any dietary restrictions or other special needs you may have. _____

To register a team for Top-Ops or Pipe Tapping please contact David Russell or Barb Crawford at (506) 633-5000.

Subtotal: _____
 13% HST (869 924 910 RT0002) _____
 Water for People Fun Walk/Run @ \$25.00 _____
 Entry to the Water for People Fun Run includes a T-Shirt, please indicate your T-Shirt Size S M L XL
 Life Members deduct \$100 _____
 Total Amount Due _____

This conference counts for 1.5 CEU. Certificate required.

Choose payment method. Complete as appropriate.

- Cheque Money Order
 Visa Mastercard American Express

Card Holder Name: _____

Card Number: _____ Expiry: _____

Please make cheque or money order payable to:

"ACWWA 2010 Conference"

An email address is required for all credit card payments

Signature: _____



Trade Show Registration

First Name _____ Last Name _____
 Title _____ Organization _____
 City _____ Province/State _____
 Postal Code/Zip Code _____ Country _____
 Phone _____ Fax _____
 E-Mail _____ Membership No. _____
 Registered Companion _____ 2nd Exhibitor _____

Sector: Utility Supplier Contractor Consultant Student Academic Other

Exhibitor Fee - ABEA Member @ \$450.00 _____
 Exhibitor Fee - Non-ABEA Member @ \$650.00 _____
 Exhibitor Fee - Companion – please complete conference registration form on previous page

MEALS & ACTIVITIES

SUNDAY	Golf	Exhibitor @ \$35.00	_____
SEPT 12	Meet & Greet	Exhibitor Included	
MONDAY	Annual Banquet - Semi-Formal Attire	Exhibitor @ \$55.00	_____
SEPT 13	ABEA Common Hospitality Reception (For ABEA Members, Conference Delegates & Companions)	Exhibitor Included	
TUESDAY	Box Lunch at Tradeshow	Exhibitor @ \$25.00	_____
SEPT 14	Down East Feast - Steak & Lobster Buffet	Exhibitor @ \$75.00	_____
	Down East Feast - Steak & Lobster Buffet	Extra Tickets @ \$75.00	_____

Please describe any dietary restrictions or other special needs you may have. _____

Subtotal: _____

13% HST (869 924 910 RT0002) _____

Water for People Fun Walk/Run @ \$25.00 _____

Entry to the Water for People Fun Run includes a T-Shirt, please indicate your T-Shirt Size.
 S M L XL

Total Amount Due _____

Choose payment method. Complete as appropriate.

Cheque Money Order Visa Mastercard American Express

Card Holder Name: _____

Card Number: _____

Expiry: _____

Please make cheque or money order payable to:
 "ACWWA 2010 Conference"

An email address is required for all credit card payments

Signature: _____

Coming conferences



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



83rd WEF Exhibition and Conference
October 2-6, 2010, New Orleans



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



Conference & Policy Forum on Drinking Water
Oct. 30-Nov. 2, Saskatoon



Truro N.S. 902-895-2885 **Fredericton N.B.** 506-444-0344 **St John's NL** 709-726-4344

- Pumps, Water/Wastewater treatment plants & equipment
- Chemical Feed systems
- On-line instrumentation
- Gas & diesel Generators
- Aerzen Blowers & aeration equipment
- Packaged Sewage pumping systems
- Full parts, service & technical support

Website:www.sansom.ca **E-mail:**sansom@sansom.ca



- Water & Wastewater Treatment & Disinfection
- Water & Wastewater Analysis & Instrumentation
- Pumps and Fluid Handling Systems
- Wholesale Water Conditioning
- Industrial Spray Paint & Sand Blast Equipment
- Industrial Air Systems and Air Filtration

Nova Scotia: PO Box 877, 10 Ferguson Road, Dartmouth, Nova Scotia, Canada, B2Y 3Z5; Phone: 902-469-2806; Fax: 902-463-3529; email: sales@aps.ns.ca

Newfoundland: Contact: Steve Frizzell, PO Box 1115, Goulds, NL, A1S 1H3
Phone: 709-697-2457; Fax: 709-745-4676; email: sfrizzell@aps.ns.ca

New Brunswick/PEI: Contact Andre Leblanc
Phone: 506-875-1554; Toll Free Fax: 888-277-4224; email: andre@aps.ns.ca

"Celebrating over 40 years of Service to Atlantic Canada in 2010"
www.aps.ns.ca



Infrastructure *Communities*
Environment *Facilities*

*Serving Clients in Atlantic Canada from Offices in
Halifax, Sydney, Fredericton and Saint John*

www.dillon.ca



**MUNICIPAL
WATER
WASTEWATER
TRANSPORTATION
LAND DEVELOPMENT
MECHANICAL & ELECTRICAL**

MONCTON
1077 St. George Blvd.
Moncton, NB E1E 4C9
Ph: (506) 857-2777
Fax: (506) 857-2753
Toll Free: 1-866-857-2777

SAINT JOHN
Red Rose Building, Suite 130
12 Smythe Street
Saint John, NB E2L 5G5
Ph: (506) 693-5893
Fax: (506) 693-3250

crandallengineering.ca



Now that's how to hold a conference!

Not all activities at AWWA conferences are serious. This band, called On Tap, performed for the 12,000 people at the recent AWWA conference in Chicago. According to all concerned, the conference was a blast.



LIPHOOK COUPLERS & SYSTEMS INC.

IS LICENSING THE PATENTED "SYSTEM" OF REPLACING/REPAIRING CURB STOP BOX RODS FROM THE SURFACE WITH NO TRENCH ENTRY

FOR FURTHER INFORMATION AND/OR TO AVOID PATENT INFRINGEMENT

CONTACT LIPHOOK

115 TAYLOR'S RD., OAKWOOD, ON K0M 2M0
 TEL: 705-953-9988 FAX: 705-953-9138
 WEB: WWW.LIPHOOK.CA OR EMAIL: liphook@i-zoom.net

National

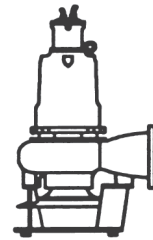
Process Equipment

www.natpro.com

Phone: (902) 468-7890

Fax: (902) 468-3011

Toll Free: 1-800-992-5588



Pumps & Pumping Systems



Rick Benoit
 Sales Manager
 Atlantic Canada

Clow Canada
 22 Chatwin St.
 Wells, N.B.
 E2S 1A3

Tel: (506) 849-7617
 Cel: (506) 658-8014
 Fax: (506) 847-4365
 email: benoitr@nbnet.nb.ca

McAvity CONCORD

WATER IS OUR SPECIALTY

- CCME Municipal Strategy Assessments
- Water Quality Testing and Modeling
- Effluent Treatability Studies
- Lagoon Depth & Sludge Surveys
- Design of Treatment Plants & Outfalls
- Tracer Studies
- Mixing Zone Studies
- Assimilative Capacity Assessments
- Design of Commercial Septic Systems and Engineered Wetlands



Environmental Services Inc.

109 Patterson Cross Rd., Harvey Sta., NB, E6K 1L9
 Phone: (506) 366-1080 Fax: (506) 366-1090

"Serving Municipalities and Industry since 1993"

Website: www.natech.nb.ca

Email: natech@nbnet.nb.ca



McLENNAN SALES

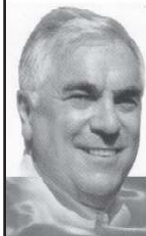
A DIVISION OF EMCO CORPORATION
www.mclennansales.com

Atlantic Canada's Underground Water & Sewer Piping Specialists

McLENNAN SALES
 303 Golden Grove Rd.
 Saint John, N.B., E2H 2V5
 Phone: (506) 634-3112
 Fax: (506) 634 0480

McLENNAN SALES
 40 Loftus St.
 Moncton, N.B., E1E 2N2
 Phone: (506) 857-1082
 Fax: (506) 857-9006

McLENNAN SALES
 111 Wright Ave.
 Dartmouth, N.S., B3B 1K6
 Phone: (506) 468-1500
 Fax: (506) 468-2721



www.canadawater.ca

Water & Wastewater Treatment
 G.A. (Sandy) Robertson • Manager & CEO

P.O. Box 1225, Saint John, NB
 E2L 4G7

Phone 506 652 5885 • Fax 506 633 0031
 e-mail: sandy@canadawater.ca