

# THE PIPELINE

**SWWA**

Saskatchewan Water  
And Wastewater  
Association  
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SEPTEMBER, 2008

4th Edition

## *In Memory of* **JACK CROTEAU**



It is with great sorrow that the SWWA board announces the passing of Jack Croteau of Pennant on August 20, 2008 at the age of 61 years.

Jack has served as a Director on the SWWA board since 2005.

Jack was always smiling as shown in this picture with Carolyn Schulze at the 2007 annual conference.

He will be fondly remembered as a great friend and a hard worker on behalf of the members of our association.



# SWWA CONFERENCE AND TRADE SHOW 2008

NOVEMBER 5 - 7, 2008

## TUESDAY, NOVEMBER 4

#	Day / Time	Workshop / Session
	6:30 - 8:30 p.m.	Conference Registration
	7:00 p.m.	Exam Session

## WEDNESDAY, NOVEMBER 5

#	Day / Time	Workshop / Session
	7:30 - 10:00 a.m.	Conference Registration
1 - TS	8:30 - 9:15 a.m.	Visual Sidewall Scanning: Streamlining Collection and Analysis of Inspection Data - Mike Russin, Envirosight, LLC
2 - TS	8:30 - 9:15 a.m.	Filter Optimization through Particle Counting - Paul Wong, Capital H2O Systems, Inc.
3 - TS	8:30 - 9:15 a.m.	City of North Battleford WWTP Construction and Operational Challenges - Dwayne Gelowitz & Alex Munoz, Stantec Consulting Ltd.
	9:15 - 9:45 a.m.	Coffee
4 - TS	9:45 - 10:40 a.m.	Benefits of Standby Power for Sewage Lift Stations - Doug Gormiak, Cummins Western Canada
5 - TS	9:45 - 10:40 a.m.	Reclaiming Wastewater as a Valuable Resource - Rodney Sidloski, HELP International
6 - TS	9:45 - 10:40 a.m.	Non-Contacting Flow & Level Measurement for Water, Wastewater and Stormwater - Ernest Higginson, Greyline Instruments Inc.
7 - TS	10:40 - 11:25 a.m.	Chlorine Safety - Glenn Denby, Brenntag Canada Inc.
8 - TS	10:40 - 11:25 a.m.	SCADA Systems - Aaron Grohn, Comtech (Communication Technologies) Ltd.
9 - TS	10:40 - 11:25 a.m.	Storage Reservoir Water Quality - Bob Hawboldt, Associated Engineering (Sask) Ltd.
	11:30 - 12:30	Lunch
1 WKSHP	12:30 - 4:00 p.m.	Mechanical Pipe Restraint Design - Murray McLeod, Pipeline Supply International Inc. <b>CEUs to be Awarded</b>
2 WKSHP	12:30 - 4:00 p.m.	Seals are not just Furry Mammals - Sean Carty, John Crane Ltd. <b>CEUs to be Awarded</b>
3 WKSHP	12:30 - 4:00 p.m.	Solar Hot Water Heating in Saskatchewan - Craig Shearer, Solar Freedom International Inc. <b>CEUs to be Awarded</b>
	4:30 - 7:00 p.m.	Free Time (Supper on your own) & Trade Show Booths Open
	7:00 - 9:30 p.m.	Watering Hole Ice Breaker & Trade Show

## THURSDAY, NOVEMBER 6

#	Day / Time	Workshop / Session
	7:30 - 8:30 a.m.	Breakfast
AGM	8:30 - 9:30 a.m.	AGM - Opening Meeting & Remarks - Keynote Speaker Sam Ferris, Ministry of Environment
	8:30 - 12:00 p.m.	Trade Show - Coffee to be served amongst booths at 9:30 -10:00
	12:00 - 1:00 p.m.	Lunch
4 WKSHP	1:00 - 4:30 p.m.	It's Only Iron & Manganese, It Can Be Treated - David & Phillip Hambley, AWI <b>CEUs to be Awarded</b>
5 WKSHP	1:00 - 4:30 p.m.	Do you have a Pandemic plan? - Doug Leask, Saskatchewan Agriculture <b>CEUs to be Awarded</b>
6 WKSHP	1:00 - 4:30 p.m.	Working in Confined Spaces - Marcel Roy, Marcel Roy Safety <b>CEUs to be Awarded</b>
	6:00 - 6:30 p.m.	Cocktails
	6:30 - 10:00 p.m.	Banquet & Entertainment

## FRIDAY, NOVEMBER 7

#	Day / Time	Workshop / Session
	8:00 - 9:00 a.m.	Breakfast
10 - TS	9:00 - 9:45 a.m.	Asset Management for Water & Sewer Utilities - Doug Drever, Associated Engineering, IS Strategic Services
	9:45 - 10:15 a.m.	Coffee
11 - TS	10:15 - 11:00 a.m.	Alum Plus - What is it? - Dwight Elmer, Marsulex Inc.
AGM	11:00 - 12:00 p.m.	Reconvene AGM/ Elections
	12:00 - 1:00 p.m.	Lunch - Final Draws & Closing Remarks

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# SWWA CONFERENCE 2008

NOVEMBER 5th & 6th at TCU Place  
NOVEMBER 7th at the Hilton Garden Inn  
Saskatoon, Saskatchewan

Type of Member: (check one)

**Regular:**

A VOTING member of SWWA and is an employee involved in the O & M of water and/or wastewater systems within Saskatchewan.

**Agency:**

A NON-VOTING member of SWWA and is not employed in the O & M of water and/or wastewater systems, but has an interest in this field.

<b>Name:</b>	<b>Employer:</b>
<b>Street Address / P.O. Box:</b>	<b>Position:</b>
<b>City:</b>	<b>Phone (work):</b>
<b>Postal Code:</b>	<b>Phone (home):</b>
	<b>Fax:</b>

### Conference Registration Booth will be open

Tuesday, November 4th in the Prince Albert Room at the Hilton Garden Inn from 6:30 p.m. - 8:30 p.m.  
Wednesday, November 5th at TCU Place from 7:30 a.m. - 10:00 a.m.

### Regular and Agency Member Conference Package:

All days, all meals, 2009 SWWA Membership, Trade Show & Banquet  
All conference information sessions and workshops

### FAXED REGISTRATIONS ARE NOT ACCEPTED

	Fee	5% GST R124095159	TOTAL	Amount Paid
<b>Early Bird Conference Package</b> For registrations & payments <b>postmarked by October 1, 2008</b>	<input type="checkbox"/> \$272.00	\$13.60	\$285.60	_____
<b>Conference Package</b> For registrations & payments <b>postmarked after October 1, 2008</b>	<input type="checkbox"/> \$422.00	\$21.10	\$443.10	_____
<b>Additional Options for Conference Delegates:</b>				
<u>Extra</u> Banquet Ticket (per extra ticket)	<input type="checkbox"/> \$40.00	\$2.00	\$42.00	_____
<u>Extra</u> Meal Package (banquet ticket <u>not</u> included)	<input type="checkbox"/> \$90.00	\$4.50	\$94.50	_____
<u>Extra</u> Meal Package (banquet ticket included)	<input type="checkbox"/> \$130.00	\$6.50	\$136.50	_____
<b>SPOUSAL PROGRAM (Maximum Number 45)</b> Name of attendee: _____	<input type="checkbox"/> \$40.00	\$2.00	\$42.00	_____
			<b>TOTAL</b>	_____

### 2009 SWWA MEMBERSHIP

If you **are not attending** the conference but would like to obtain a 2009 Membership please complete the top of this form and submit with payment

\$40.00 plus \$2.00 GST Total \$42.00

Cheques are to be made payable to: **Saskatchewan Water and Wastewater Association**  
Submit form and payment to: SWWA, 46 Windfield Road, Regina, SK S4V 0E7

A limited number "Conference rate" rooms are available until October 1.  
Hilton Garden Inn, 90 - 22nd Street East, Saskatoon - Phone: (306) 244-2311  
Radisson Hotel, 405 - 20th Street East, Saskatoon - Phone: (306) 667-2365

# OPERATOR OF THE YEAR NOMINATION FORM

**I WISH TO NOMINATE:**

Operator's Name: \_\_\_\_\_  
 Community employed at: \_\_\_\_\_  
 Operator's telephone number: \_\_\_\_\_  
 Years of service: \_\_\_\_\_  
 SWWA member since: \_\_\_\_\_

Nominator's Name \_\_\_\_\_  
 Nominator's title \_\_\_\_\_  
 Telephone number \_\_\_\_\_  
 Email address \_\_\_\_\_

**CRITERIA** Judging will be handled by a committee selected by the SWWA Executive using the following categories for selection. Remember, each category can refer to a Water or Wastewater Plant operator.

1. General Operations (Understands complete operation of the system and equipment.)

**10**
**9**
**8**
**7**
**6**
**5**  
**Exceptional**
**Above Average**
**Average**

Comments: \_\_\_\_\_

2. Aesthetic Quality of Finished Product. (Consistently producing the best possible quality of water the water/wastewater plant allows.)

**10**
**9**
**8**
**7**
**6**
**5**  
**Exceptional**
**Above Average**
**Average**

Comments: \_\_\_\_\_

3. Adherence to Legislative Requirement (Water samples tested regularly, meets min/max requirements of water quality guidelines.)

**10**
**9**
**8**
**7**
**6**
**5**  
**Exceptional**
**Above Average**
**Average**

Comments: \_\_\_\_\_

4. Water/Wastewater Records (Records kept up to date, such as inventory, maintenance, operation logs, lab results, etc.)

**10**
**9**
**8**
**7**
**6**
**5**  
**Exceptional**
**Above Average**
**Average**

Comments: \_\_\_\_\_

5. Preventative Maintenance Schedules (Maintenance performed when scheduled, reviewed and revised annually to meet changing requirements)

**10**
**9**
**8**
**7**
**6**
**5**  
**Exceptional**
**Above Average**
**Average**

Comments: \_\_\_\_\_

6. That "Extra Mile" Service to the Community (Willing to work "above and beyond the call of duty")

**10**
**9**
**8**
**7**
**6**
**5**  
**Exceptional**
**Above Average**
**Average**

Comments: \_\_\_\_\_

To help the SWWA Selection Committee further to judge each nominee please state any pertinent information that you feel the nominee deserves recognition for, such as innovations or cost saving measures used within the operation, any community involvement, volunteer work, etc.

\_\_\_\_\_  
 \_\_\_\_\_

For SWWA office Use Only:	
Operator of the Year Award for the category of (+/- 1,000)	
OCB Certified	

**Fax or mail this form to the SWWA office.**

Fax Number: (306) 761-1279

Mailing Address; 46 Windfield Road, Regina, SK S4V 0E7

# OPERATOR OF THE YEAR NOMINATION INFORMATION

**PURPOSE OF THE AWARD . . .** Established by the SWWA executive in 1988 to recognize excellence as a water and/or wastewater operator. Two awards will be presented annually: one for populations of 1,000 or less, the other for populations exceeding 1,000.

**NOMINATIONS . . .** Nominations can be made by: Mayors, Aldermen, Administrators, City/Town Engineers, City/Town Superintendents or Foremen, fellow employees. The nominator will be required to submit written documentation to the selection committee as soon as possible. Deadline is October 15 of each year.

**ELIGIBILITY . . .** The nominee must be a member of SWWA or affiliate organization and must be certified by the Operator Certification Board. The nominee can be full or part time operator employed by a municipality or industrial water/wastewater utility.

**AWARD PRESENTATION . . .** The Dale Heshka (over 1,000 population) and the Dave Clark (less than 1,000 population) Operator of the Year Awards will be presented at the annual SWWA Conference.

## ATAP Infrastructure Management Ltd.

### Upcoming A.B.C. Operator Certification Preparation Courses Fall 2008

Sep. 15 - 19	Class I - Water Treatment & Distribution
Sep. 29 - Oct. 3	Class I - Wastewater Treatment & Collection
Oct. 6 - 10	Class I - Water Treatment & Distribution
Oct. 20 - 24	Class II - Water Treatment & Distribution
Nov. 24 - 28	Class II - Wastewater Treatment & Collection

#### Workshops

Sep. 3	Fall Maintenance (Collection Systems)
Sep. 4	Hypochlorination & Feeder Maintenance
Sep. 24 - 25	Gas Chlorination (2-day)
Oct. 15	Confined Space Entry
Oct. 16	WHMIS & Safety

*(All courses and workshops will be held in Saskatoon.)*

#### **NEW! Power Mobile Equipment (PME) Evaluation and Training**

ATAP can provide on-site evaluation and training to help your community meet the new Occupational Health and Safety Regulations coming into effect October 9, 2008. For more information, please contact our office or visit our website.

Registration forms and information may be found  
online ([www.atap.ca](http://www.atap.ca) under "NEWS")

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## SWWA BOARD OF DIRECTORS NOMINATION

Do you have time to help other Operators? Want to work with a group of dedicated water and wastewater professionals? The Saskatchewan Water and Wastewater Association is seeking nominations for Board members. Why not let your name stand for election to the Board?

Contact:

**Fred Schulze**, Box 612, Wynyard, SK S0A 4T0

Email: [today\\_todat@hotmail.com](mailto:today_todat@hotmail.com)

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## SWWA Conference Hotels

### Radisson and Hilton Garden Inn

SWWA has booked two blocks of rooms for November 4 – 7, 2008 at the Radisson and the Hilton Garden Inn

#### HILTON GARDEN INN

One King bed or two Queen beds - \$139.00 per night

**Reservations: 306-244-2311**

#### RADISSON

One Queen bed - \$134.00 per night

One King Bed - \$149.00 per night

**Reservations: 306-667-2365**

Rooms are held until October 1, 2008 at the SWWA conference rates. Please book early to avoid disappointment.

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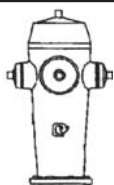
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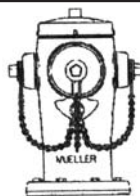
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# **2008 CONFERENCE WORKSHIPS CEUs TO BE ATTRIBUTED**

## **Workshop 1 – Mechanical Pipe Restraint Design**

This workshop provides detail on installation practices, types of restraint, application and methods of using the products in the field, and understanding the concept. Design criteria are applied to examine real applications, and the differences that occur with different soils.

## **Workshop 2 – Seals are not just Furry Mammals**

This workshop will include the fundamentals of packing and mechanical seals in rotating equipment. The topics that will be instructed will be: packing and flush plans needed; what is a mechanical seal; different configurations of mechanical seals; is my seal working properly; control units to use for water consumption; and when is a system leaking.

## **Workshop 3 – Solar Hot Water Heating in Saskatchewan**

Saskatchewan has more sunshine hours in a year than anywhere else in Canada. We therefore are in a perfect position to become world leaders in solar technologies. Solar hot water heating is one of the best places to start because the products are already available. In this workshop you are going to learn why you think solar energy is expensive, why Saskatchewan is prime solar real estate, why solar hot water is a premium investment, and how solar hot water systems work.

## **Workshop 4 – It's Only Iron & Manganese – It Can Be Treated**

This workshop will discuss options for removing iron and manganese removal from groundwater. Almost all groundwater

treatment systems in Saskatchewan rely on one of three removal processes. The best removal process often depends on the characteristics of the raw water source. The process selection should result in a simple, operator friendly treatment process. A basic understanding of the removal processes and how to determine which process is most suitable for a particular water source can greatly assist the water plant operator in optimizing the treatment process. Also included will be what raw water factors influence process selection. The iron and manganese removal options discussed will be:

Option 1 – Oxidation/filtration;

Option 2 – Oxidation/filtration/adsorption; and

Option 3 – Adsorption.

## **Workshop 5 – Do you have a Pandemic plan?**

Do you have a plan to keep your water plant operational when the Influenza Pandemic strikes? Do you know what Influenza Pandemic is? Citizens need two litres of water per day. Will the source be available? This session will provide you with guidance and direction to develop your plan to keep your water plant operational during an Influenza Pandemic.

## **Workshop 6 – Working in Confined Spaces**

Confined space legislation and how to comply with this legislation will be covered. This workshop will provide the attendee with a Level 1 certificate for Confined Space Entry. Also included will be how to design and fill in confined space entry permits and the difference between Hazardous and Non-hazardous confined spaces.

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## **CONFERENCE WORKSHOP AND TECHNICAL SESSIONS**

### **SESSION 1 – Visual Sidewall Scanning: Streamlining Collection & Analysis of Inspection Data**

Visual Sidewall Scanning (VSS) relies on the proven inspection crawler platform to gather visual data from within a pipe. The technology implements digital image processing technology to manipulate video frames into a flat digital scan. The camera can be operated at full speed without stopping to pan, tilt, or zoom. The presentation covers the fundamentals of VSS, presents a live demonstration and case studies, and reviews VSS workflow and technology.

### **SESSION 2 – Filter Optimization through Particle Counting**

This discusses drinking water particle detection technologies, particle counting protocols, sampling considerations, equipment, data management and operation & maintenance.

### **SESSION 3 – City of North Battleford WWTP Construction and Operational Challenges**

The presentation will discuss challenges that the City of North Battleford Wastewater Treatment Plant has faced through the construction, commissioning and operation phases. The plant has a peak capacity of 11,000 m<sup>3</sup>/day and uses a Ludzack-Ettinger Process to meet the required reduction of BOD and ammonia. The plant has been retrofitted with a Rotamix system to improve mixing in the sludge tank and, therefore, the operation of the sludge handling equipment.

### **SESSION 4 – Benefits of Standby Power for Sewage Lift Stations**

This technical session asks when and why standby power is required, what features should be specified, the components to consider, when is a transfer switch required to connect to the load, and sizing the standby power and ATS. Compact Discs will be given out at the session.

*continued on next page*

## **SESSION 5 – Reclaiming of Wastewater as a Valuable Resource**

Effluent irrigation woodlots are a best practice in wastewater management leading to tax savings, reduction in municipal liability and creation of economic opportunities for municipalities and private landowners. In an effort to stop the release of wastewater into rivers and lakes, the towns of Halbrite and Stoughton, and the ethanol plant at Weyburn, have constructed woodlots that will be watered with municipal effluent. The woodlots, containing over 4,000 hybrid poplars and willows and 6,000 berry bushes, will use 100 percent of the wastewater produced by the towns, and are the first projects of their kind in the province. Additional woodlots to be established in 2008 are in Viscount and Gull Lake.

## **SESSION 6 – Non-Contacting Flow and Level Measurement for Water, Wastewater and Stormwater**

This session will illustrate how advanced new ultrasonic instruments are used to measure flow and level accurately in the tough operating conditions of water and wastewater collection systems and treatment plants. Non-contacting sensors can be applied to measure full pipe flow and open channel flow, to monitor tank levels and control pump stations. It will also look at municipal applications including Stormwater, I & I studies, dry pond monitoring, sludge and sewage flow, chemical flow, pump control and pump protection.

## **SESSION 7 – Chlorine Safety**

Chlorine safety awareness and physical properties. Personal protective equipment, handling, first aid, and storage practices. Emergency response and chlorine emergency capping demonstration.

## **SESSION 8 – SCADA Systems**

SCADA is an acronym for supervisory control and data acquisition, a computer system for gathering and analyzing real time data. SCADA systems are used to monitor and control a plant or equipment in industries such as telecommunications,

water and waste control, energy, oil and gas refining and transportation. The discussion topics include automation within the water & waste management market, SCADA and telemetry within automation systems, production efficiency and accuracy, automation system operations and operators, and wireless technologies – current and future.

## **SESSION 9 – Storage Reservoir Water Quality**

Most water storage reservoirs have been designed with storage volume as the primary design criterion with little emphasis on internal mixing. In recent years, the issue of stale water in storage reservoirs is receiving more attention due to the risk of reduced water quality. This presentation discusses some of the issues related to reservoir mixing. These issues are related to the design and operation of the reservoir itself, but also related to the location of reservoirs. Examples of methods used to improve reservoir mixing will be discussed.

## **SESSION 10 – Asset Management for Water & Sewer Utilities**

Asset management is caring for and maintaining the water and wastewater system at the lowest long term cost for a prescribed level of service that our customers approve. This presentation outlines what we all need to know in the industry to help this occur.

## **SESSION 11 – Alum Plus – What is it?**

Marsulex has successfully developed a form of aluminum sulphate called Alum Plus that has been partially polymerized and stabilized at a higher pH and basicity. It was developed by Marsulex for the purpose of preserving some of the beneficial features of alum such as its low cost and effective organics removal characteristics while improving upon its cold water performance and floc formation and settling characteristics, while also limiting its pH reduction effects. The session will include discussion on its application in municipal water treatment and sharing some of the experiences as well as commenting on the unique characteristics that has made Alum Plus successful.



*Annual 2008 SWWA Golf Tournament  
putt off for the championship.*

## 2008 GOLF TOURNAMENT

The Annual SWWA golf tournament was held on June 7th at the Weyburn Golf Course. A total of 51 golfers participated this year.

The team of Bob Reynolds, Sean Bayer, Tibor Takach, and the Phantom player, with the lowest score won the tournament. We were lucky to miss the rain but the wind challenged the players. Congratulations to the following individual award winners:

Ladies' closest to the pin – Sandra Van Caesele  
Ladies' longest drive – Patti Cronan

Men's closest to the pin – Ries Mansuy  
Men's longest drive – Sean Bayer

A big thank you to ClearTech Industries for sponsoring the beer cart. Wolseley Waterworks Group and KGS Group Consulting Engineers & Project Managers sponsored the two hole-in-one contest prizes. Randy Cheater of Westvac Industrial Ltd., Wade Shutko, ClearTech Industries, and Tom Williams, City of Weyburn, did a great job organizing the tournament. The 2009 golf tournament is planned for Wynyard.

SWWA would also like to thank the following suppliers that donated prizes for the golfers:



ALS Laboratory Group  
Anderson Pumphouse  
Anthratch Western Inc.  
Aquifer Distribution Ltd.  
ATAP Infrastructure Management  
Barber Valves & Controls Ltd.  
Canada Pipeline Accessories Corp.  
City of Prince Albert  
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Mueller Flow Control  
REHAU  
Robar Industries  
Sandale Utility Products  
SIAS – Technology Extension  
TopShot Concrete  
Westvac Industrial Ltd.

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## TRADE SHOW REPORT

Preparations for the 2008 SWWA Conference Trade Show are well underway. The trade show will be held on Wednesday Nov. 5 from 4:30 p.m. – 9:30 p.m. and Thursday, Nov. 6 from 8:30 a.m. – 12:00 p.m. At present, 66 booths have been reserved leaving only 34 booths available. A floor plan of the trade show is available on the SWWA website at HYPERLINK "<http://www.swwa.sk.ca>" [www.swwa.sk.ca](http://www.swwa.sk.ca). This floor plan diagrams the layout of the trade show, booths that have been spoken for, and those which are still open for reservation. It is updated weekly so you will be able to choose which booth will work best for your business. Also this year's Trade Show Booth price includes Thursday Nov. 6 breakfast and lunch. Thank you to the suppliers who have reserved and paid for their booth. If you have any questions, please feel free to contact the SWWA Office or myself at 948-7923. I look forward to a great trade show in November.

Cory McMahon, SWWA Director

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# CONFERENCE SPONSORSHIP

The SWWA invites your company to participate in sponsorship opportunities for the 26th annual SWWA Conference to be held in Saskatoon, November 5th to 7th, 2008.

Diamond, Gold, and Silver sponsors will be acknowledged in the September issue of the SWWA Pipeline newsletter if sponsorship is received prior to August 22nd.

For further information, view the SWWA website at HYPERLINK "<http://www.swwa.sk.ca>" [www.swwa.sk.ca](http://www.swwa.sk.ca) or contact Karlis Van Caesele, Publicity/Sponsorship Chairperson at HYPERLINK "<mailto:karlisvc@sasktel.net>" [karlisvc@sasktel.net](mailto:karlisvc@sasktel.net)

## Diamond (\$10,000 investment)

- recognition as a SWWA conference partner.
- opportunity to address the delegates.
- prominent sponsorship signage displayed throughout the conference.
- company recognition on all printed material including posters, conference program, Pipeline newsletter, website and display advertising.
- verbal recognition from conference chair at banquet.
- eight complimentary registrations and banquet tickets.
- complimentary trade show booth.

## Gold (\$5,000 investment)

- opportunity to address the delegates.
- company recognition on all printed material including posters, conference program, Pipeline newsletter, website and display advertising.

- verbal recognition from conference chair at banquet.
- four complimentary registrations and banquet tickets.
- complimentary trade show booth.

## Silver (\$2,500 investment)

- company recognition on all printed material including posters, conference program, Pipeline newsletter, website and display advertising.
- two complimentary registrations and banquet tickets.
- verbal recognition from conference chair at banquet.

## Banquet Entertainment (\$1,000 investment)

- prominent sponsorship signage displayed at the banquet.
- two complimentary banquet tickets.

## Lunch (\$750 investment)

- prominent sponsorship signage displayed at the lunches.

## Breakfast (\$500 investment)

- prominent sponsorship signage displayed at the breakfasts.

## Coffee Breaks (\$250 investment)

- prominent sponsorship signage displayed at the coffee breaks.



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## SPOUSAL PROGRAM

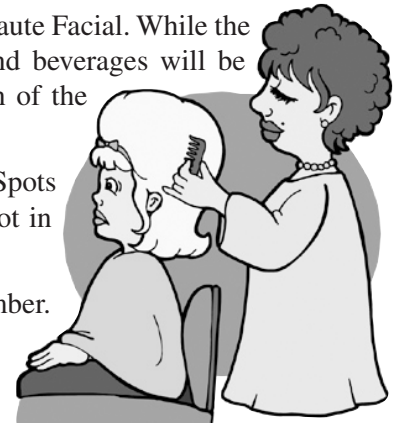
Only three short months remain until the annual SWWA Spousal Program! The program will be held on Thursday, November 6 from 12:30 p.m. - 4:30 p.m. We have made some changes to the program this year to ensure that more women have the opportunity to enjoy an afternoon of pampering, relaxation, and socializing.

The afternoon will begin with the ladies being bused from either the Hilton Garden Inn or the Radisson Hotel to the Paramount Day Spa. At the spa, the ladies will receive a Soothing Paraffin Hand Wax Treatment and their choice of a Relaxing Massage Break, Shampoo and Style, Makeup Application, or an Escalé Beauté Facial. While the women are awaiting their services, there will be the chance to socialize and food and beverages will be provided. The women will be bused back to their respective hotels at the completion of the afternoon.

With the changes, we are able to accommodate up to 45 women during the afternoon. Spots are filling up fast so, gentlemen, sign up your deserving ladies early to ensure their spot in the program!

Enjoy the remainder of your summer and we look forward to seeing everyone in November.

Cory and Denaye McMahon



# SWWA CONFERENCE 2008

**NOVEMBER 5th & 6th at TCU Place  
NOVEMBER 7th at Hilton Garden Inn**

## SUPPLIER WITHOUT A BOOTH REGISTRATION FORM

### MEMBER TYPE:

#### Supplier:

A NON-VOTING member of SWWA and is a company and/or person in the business of supplying goods and/or services to the water and/or wastewater industry.

Company Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City / Province: \_\_\_\_\_ Postal Code: \_\_\_\_\_

Name: \_\_\_\_\_ Title: \_\_\_\_\_

Phone: (work) \_\_\_\_\_ Fax: \_\_\_\_\_

### Conference Registration Booth will be open

Tuesday, November 4 in the Prince Albert Room at the Hilton Garden Inn from 6:30 p.m. - 8:30 p.m.  
Wednesday, November 5 at TCU Place from 7:30 a.m. - 10:00 a.m.

### Supplier without a Booth Conference Package:

All days, all meals, 2009 SWWA Membership, Trade Show & Banquet  
All conference information sessions, excluding workshops.

**\*\*\* FAXED REGISTRATIONS ARE NOT ACCEPTED \*\*\***

	Fee	5% GST R124095159	TOTAL	Amount Paid
<b>Early bird Conference Package</b>				
For registrations & payments <b>postmarked by October 1, 2008</b>	<input type="checkbox"/> \$472.00	\$23.60	\$495.60	_____
<b>Conference package</b>				
For registrations & payments <b>postmarked after October 1, 2008</b>	<input type="checkbox"/> \$622.00	\$31.10	\$653.10	_____
<b>Additional Options:</b>				
Extra Banquet Ticket (per extra ticket)	<input type="checkbox"/> \$40.00	\$2.00	\$42.00	_____
Pipeline Advertisement (Business Card) <i>Submit with form</i>	<input type="checkbox"/> \$150.00	\$7.50	\$157.50	_____
Website Link	<input type="checkbox"/> \$50.00	\$2.50	\$52.50	_____
			<b>TOTAL</b>	_____

## 2009 SWWA MEMBERSHIP

If additional supplier memberships are required and **are not attending** the conference please complete the top of this form (use separate form per individual) and submit with payment.

\$40.00 plus \$2.00 GST Total \$42.00

Cheques are to be made payable to: **Saskatchewan Water and Wastewater Association**

Submit form and payment to: SWWA, 46 Windfield Road, Regina, SK S4V 0E7

A limited number of "Conference Rate" rooms are available until October 1.  
Hilton Garden Inn, 90 - 22nd Street East, Saskatoon - Phone: (306) 244-2311  
Radisson Hotel, 405 - 20th Street East, Saskatoon - Phone: (306) 667-2365



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## SWWA BOARD OF DIRECTORS NOMINATIONS

Nominations are now open for the SWWA board of Directors. Are you interested?

**Fred Schulze**, Box 612, Wynyard, Saskatchewan S0A 4T0

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# SWWA BOARD OF DIRECTORS NOMINATIONS

Nominations are now being accepted for the upcoming Board of Directors elections at this year's annual conference. A Regular member in good standing is eligible to be considered for appointment to any committee, and to aspire to any office of the Association. Regular members are employees involved in the operation or maintenance of water and wastewater systems located in Saskatchewan.

Each Director shall hold office for a term of one or two years. The Board of Director meetings are normally held on Fridays or Saturdays in Regina an average of six times each year, as well as at the Golf Tournament and prior to annual conference. If you are interested in letting your name stand for nomination to the Board, Please submit your name and contact information to the Nomination Committee member:

**Fred Schulze**, Box 612, Wynyard, Saskatchewan S0A 4T0

Email: [totat\\_todat@hotmail.com](mailto:totat_todat@hotmail.com)

Phone H 306 554 2113

W 306 554 3766


## SPONSORSHIP PROGRAM

SWWA would like to thank the following suppliers for contributing to our sponsorship program to date for the 2008 conference:

Coffee Breaks	Acti-Zyme Ltd. SAL Engineering
Lunch	Mueller Canada Mainstream Water Solutions
Silver	SaskWater

As this is our first year with this program we are open to any suggestions that our suppliers may have for next year. Anyone interested in sponsorship can contact me at 306-743-2219 or e-mail @ [karlisvc@sasktel.net](mailto:karlisvc@sasktel.net) Sponsorship deadline is September 26, 2008.

Karlis Van Caesele, Publicity/Sponsorship Chairperson



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# CONFERENCE EXAM SESSION

**Tuesday, November 4, 2008**

**Sign In Time: 6:30 p.m.**

**Exam Time: 7:00 p.m. – 10:00 p.m.**

**Location: Estevan Room - Hilton Garden Inn, 90 - 22nd Street East, Saskatoon  
(Maximum 50)**

Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Postal Code: \_\_\_\_\_

Employer: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Select one of the following:

## Category and Class Chosen

**Small Water System;**

**Small Wastewater System;**

**Water Treatment - 1, 2, 3, 4;**

**Water Distribution - 1, 2, 3, 4;**

**Wastewater Treatment - 1, 2, 3, 4;**

**Wastewater Collection - 1, 2, 3, 4**

Exam Cost: \$75.00 plus 5% GST \$3.75 (gst # R124095159) = \$78.75

**October 2 is the deadline for the exam registration and payment to be received at the SWWA Office.**

Amount Enclosed: \_\_\_\_\_

Your receipt is your registration; bring it and a form of Picture ID to the Exam Session.

Send Your Application and Fee to:

**SASKATCHEWAN WATER & WASTEWATER ASSOCIATION  
46 WINDFIELD ROAD, REGINA, SASKATCHEWAN S4V 0E7  
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# WHAT YOU SHOULD KNOW ABOUT A PANDEMIC

Pandemic influenza results from a mutation of a known flu virus. The mutation produces a new strain for which there is no proven vaccine. It is also characteristically highly contagious and potent. A pandemic can spread across a large region such as a continent, or even worldwide.

Pandemic influenza has occurred on average approximately once every 30 to 40 years since the 1600s. The Spanish Flu in 1918 resulted in the death of an estimated 30,000 to 50,000 Canadians and 20 to 40 million people worldwide. The most recent pandemic, the Hong Kong Flu in 1968 to 1969, killed less than one million people worldwide.

The period between pandemics ranges from 10 to 40 years. Virologists speculate the next one could be expected within three to five years.

The World Health Organization (WHO), which is responsible for declaring a global pandemic, is

currently monitoring H5N1, a strain of avian influenza or "bird flu". Although avian influenza normally infects only birds, and less commonly pigs, H5N1 has been known to spread to humans and is responsible for the deaths of 241 people. To date, the majority of these fatalities occurred in Southeast Asia.

While there is no need to panic, it is important to plan in advance. This includes making preparations at home and at work. At home, ensure you have an adequate supply of food and water on hand for each member of your family. At work, inquire about your organization's plans for pandemic preparedness.

Be proactive! Plan ahead for your family's personal health and safety.

For more information on how to prepare for an emergency, visit the Government of Canada's website at [getprepared.ca/kit/basic\\_e.asp](http://getprepared.ca/kit/basic_e.asp)



*Annual 2008 SWWA  
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Tibor Takach, Bob Reynolds,  
and Sean Bayer*

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City of Prince Albert  
Work: 953-4905  
Fax: 953-4915  
Email: [rhanson@citypa.com](mailto:rhanson@citypa.com)

Vice President: **Rynette Moore-Guillaume** (term ends '09)  
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Fax: 694-3207  
Email: [rynette.moore@saskwater.com](mailto:rynette.moore@saskwater.com)

Past President: **Mark Krecsy** (term ends '09)  
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Fax: 695-2398  
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Director/Treasurer: **Fred Schulze** (term ends '08)  
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Fax: 554-3224  
Email: [totat\\_totat@hotmail.com](mailto:totat_totat@hotmail.com)

Director: **Kelly Kish** (term ends '09)  
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Director: **Jack Croteau** (term ends '09)  
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Director: **Rod Sexsmith** (term ends '08)  
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Director: **Karlis Van Caesele** (term ends '09)  
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Sr Supplier Rep: **Randy Cheater**  
Westvac Industrial Ltd.  
Work: 790-8618 Cell: 540-9543  
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Jr Supplier Rep: **Wade Shutko**  
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SIAST Wascana Campus - Regina  
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Government Rep: **Peter Thiele**  
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