

THE PIPELINE

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SWWA

Saskatchewan Water
And Wastewater
Association
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www.swwa.sk.ca

MAY, 2005

2nd Edition

SWWA ANNUAL GOLF TOURNAMENT

(Texas Scramble) (Limited Space Available)

Saturday, June 4, 2005 in Assiniboia, SK Registration: 9:00 a.m. Tee-Off: 10:00 a.m.
Assiniboia Regional Park Golf Course - 2 km South on Highway #2 * *

\$35.00 per person if registered by May 25, 2005

\$50.00 per person if registered after May 25, 2005 - NO EXCEPTIONS

Includes: 18 holes of golf, steak supper and prizes

~ REGISTRATION FORM ~

Name: _____ Phone Number: _____
Address: _____ Employer: _____
Number Golfing: _____ Number attending just banquet (\$15.00 per person) _____
Handi-cap: _____ Or Average Score: _____

Banquet at Assiniboia Regional Park Golf Course

Please make cheques payable to: **Saskatchewan Water and Wastewater Association**

Submit this form and your cheque to:

SWWA, 46 Windfield Road, Regina, Saskatchewan S4V 0E7

~ ACCOMMODATIONS ~

Bar B-Motel (306) 642-5951 Wheel Inn (306) 642-3308 Franklin Inn (306) 642-3377

NOTE: A limited number of carts will be available for rental on a first come first served basis on Saturday morning after 9:00 a.m. Sorry no reservations will be accepted for carts.

* * A Shuttle Service will be available leaving from the BarB-Inn starting at 9:00 a.m. and running until 10:00 a.m. Return shuttle will start after the banquet. **One-way: \$5.00 Return Trip: \$8.00**

As you know our annual golf tournament and seminar are being held in Assiniboia this year. This was done in part to honor Peter Kordus and his involvement with our association. I would like to inform everyone that the seminar being held the day before the golf tournament is being generously sponsored by the Mayor and Council of Assiniboia after being requested by our own Peter Kordus to assist with the funding.

Council's generosity is a reflection of their faith and trust in Peter. Their generosity is also a reflection of how important they feel the work that SWWA does. The Town of Assiniboia will be donating the hall, refreshments at both breaks and the luncheon. The Executive and I wish to extend our heartfelt gratitude to Mayor Bissonnette and Council for their sponsorship of this seminar. It is this type of support that showcases this community as one that stands behind it's operators and the work that they do.

Once again and on behalf of all operators, **THANK YOU.**

Mark Krecsy, President



WATERWORKS SYSTEMS ASSESSMENT SEMINAR

JUNE 3, 2005

ASSINIBOIA, SASKATCHEWAN - 0.5 CEUs

A one day seminar to provide information and answer questions regarding the Waterworks Systems Assessment (WSA) presently being conducted in Saskatchewan. The seminar is open to all waterworks operators, administrators and aldermen. The seminar will consist of presentations by the Consulting Engineers of Saskatchewan, the Saskatchewan Urban Municipalities Association and Saskatchewan Environment staff as well as a question and answer forum.

Some of the topics to be presented will include:

- WSA Scope;
- Typical Procedures;
- Pre-Visit preparations and information needs;
- Operator rolls;

- GUDI issue and implications;
- Benefits to Operator and Community;
- Facilitating WSAs
- Follow-up work to WSAs;
- SE's review process;
- SE's response to immediate issues and recommendations; and
- Question and answer period.

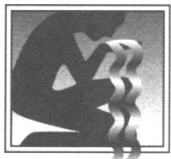
Accommodations available:

Bar-B Motel	(306) 642-5951
Franklin Hotel & Motel	(306) 642-3377
Wheel Inn Motel	(306) 642-3308

ATTENTION ALL SUPPLIERS

For those suppliers that had booths at the 2004 conference, a "Trade Show" registration form and package will be mailed directly to you at the beginning of May. A second mail out to all of our remaining suppliers will take place at the beginning of June. Register early to reserve the booth of your choice.

For those suppliers that are planning to attend our conference but not have a booth in our Trade Show. To register, visit our website www.swwa.sk.ca under conference 2005 and print off a "Supplier without a Booth" registration form.



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WORKSHOP REGISTRATION FORM

Waterworks Systems Assessment Seminar - 0.5 CEUs June 3, 2005

LOCATION:

St. George Catholic Church Hall
Use Southwest Entrance
325 - 6th Avenue East
Assiniboia, Saskatchewan

Class Size: 100**Sign In:** 8:30 a.m.**Start Time:** 9:00 a.m.**Bring:** A pen or pencil and
a pad of paper

Name: _____

Street Address / Box Number _____

City: _____ Postal Code: _____

Work Phone: _____ Home Phone: _____

Please note that the deadline for workshop registration is two (2) weeks prior to date of workshop. ALL workshop attendees must pre-register and pre-pay for workshop. No walk-up registrations are allowed and no cheques are to be submitted at the workshop.

Workshop Cost:**SWWA Member:** \$20.00 plus \$1.40 GST - \$21.40 _____**Non-Member:** \$70.00 plus \$4.90 GST - \$74.90 _____

2005 SWWA MEMBERSHIP

If you are not sure of your membership status please contact the SWWA Office at 761-1278.
To become a member the following must be completed. The 2005 SWWA Membership fee is \$40.00 plus \$2.80 GST.

Work Fax: _____

Employer: _____

Position / Title: _____

Signature: _____

REMEMBER: If you are applying for a 2005 membership add the membership fee to the SWWA Member cost of the workshop. Total cost to become a SWWA Member and attend this workshop is \$60.00 plus \$4.20 GST - Total \$64.20

Submit this form and your cheque made payable to:

Saskatchewan Water and Wastewater Association

46 Windfield Road, Regina, SK S4V 0E7

CONFERENCE EXAM SESSION CHANGE

We are planning to host only one exam session at this year's conference. The session is scheduled for the evening of Tuesday, November 1. This will allow those writing an exam to participate in the CEU accredited workshops scheduled for Wednesday. Special arrangements for conference registration / package pickup will be supplied with receipt.

PIPELINE NEWSLETTER ADVERTISING

Starting with the September, 2005 issue, SWWA Supplier members will have the choice of putting quarter, half or whole page advertisements in the newsletter. This advertisement can be used to advertise your products or service. The cost per issue will be as follows:

Quarter Page: \$250.00 plus GST**Half Page:** \$500.00 plus GST**Whole Page:** \$1,000.00 plus GST

Please phone the SWWA office at 761-1278 for more information.

DELMER REINHART

RETIREMENT APRIL 30 / 05

Delmer started his career with the Town of Kindersley on July 15, 1957. His first job was on the construction of the existing Water Treatment Plant. This was the first water treatment plant in Kindersley. He was one of the original Operators of this plant.

Throughout the first four years of his employment, Delmer worked in various departments for the Town of Kindersley, but in 1961, he accepted a permanent position as Operator of the Water Treatment Plant.

Delmer worked on the original development of the EK Water system in the 1960's which is a joint system with the Town of Eston that brings water up from the South Saskatchewan River. Many upgrades have been made to this system over the years.

In 1963 Delmer received a diploma for Water and Sewage Works Operators through a correspondence program. In 1967 he accepted the Supervisor position at the Water Treatment Plant. This same year he was in charge of an upgrade to the plant and in 1970 a new underground reservoir was built.

In the 1970's Delmer received a certificate for Water Treatment Plant Operators at Kelsey Institute in Saskatoon and part two of the course at which is now SIAST in Moose Jaw.

In 1986 Delmer was asked to sit on, and later chair, the original Operator Certification Board. Also in 1986, he oversaw another upgrade to the Water Treatment Plant, which was a complete expansion, and it went into operation in 1988. Since 1989, Delmer has been the Manager of the Kindersley Water Treatment Plant.

The highlights of Delmer's career include receiving the H.M. Bailey award through WCWWA in 1978 and the Dale Heshka Operator of the Year award in 1991.

Delmer has been married to his wife Jean for 43 years. He has two sons; Murl (Shelley) and Lee (Elaine). He has 3 grandchildren and one more on the way.

After almost 48 years with the town of Kindersley, Delmer will retire on April 30, 2005

PETER KORDUS

RETIREMENT APRIL 30 / 05

Peter Kordus has been a regular member of SWWA since 1981. He was elected to be a Director of SWWA from 1995 until 1997, and served as editor of SWWA's newsletter, The Pipeline from March 1997 until August 2000. During this latter tenure he penned a down-to-earth, entertaining series of editorials with an interesting sense of humour.

Peter began his employment with the Town of Assiniboia on May 15, 1985. Peter has a very interesting and somewhat surprising work history. Peter was a baker in Germany and Stoughton and also owned a slaughterhouse in Montmartre prior to beginning his career as Town Foreman in Montmartre in 1979.

While Superintendent for the Town of Assiniboia Peter has been involved and instrumental in many of the changes to the town's infrastructure. There has been the building of a new town Shop, complete upgrades to the Water Plant, new Landfill site, improvements to the Cemetery (including the installation of a Columbarium), numerous local improvement projects and a new lagoon and sewer lift station. Peter was responsible for the implementation of the town's paper recycling program. He is also the town's Emergency Measures Co-ordinator, a position which he has agreed to continue to hold after his retirement.

It is very difficult to put into words what working with Peter is like. Some words that come to mind are enjoyable, aggravating, educational, irritating, entertaining, etc.

Continued on Page 6



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Peter . . . Continued from Page 5

Peter is a very dedicated, hardworking and determined person. He definitely has a way of getting to the point and letting his ideas be known. Some things that you need to be aware of when working with Peter are:

- when discussing a matter involving a location, the location is not necessarily the direction in which he is pointing
- in order to understand Peter's written word you must first read it aloud as he has his own unique way of spelling and sometimes the letter/article will require editing (there are some things that you really can't put in print).
- discussions regarding government implemented regulations will be very loud and heated.
- if going with Peter anywhere, be prepared to walk - this may be a walk up the side of the railway embankment or along the dike of a lagoon under construction.
- the fuse has gotten longer over the years, however, there are topics and issues that when discussed will quickly light the fuse.

Peter and Christel have moved from the hectic and busy town life to an acreage in the country. Here they have a very large yard to look after and enjoy and as Peter always likes a challenge, they

will now also be raising chickens. Peter and Christel love to spend time outdoors, however some of their activities have come to an end. They no longer canoe, due to the fact that Peter has tipped the canoe and dumped Christel out one time too many in the cold northern waters. Peter and Christel also enjoy hiking and walking, but in keeping up with Peter on a hiking expedition, Christel broke her foot, therefore walking is now limited to level terrain. Needless to say, when returning from a holiday, the account of the activities differs from Peter's version to Christel's version.

Upon his retirement, Peter will still be the owner of property in the Town of Assiniboia. Our greatest fear is that Peter will decide to become a complaining and demanding taxpayer, as he knows exactly which buttons to push to put us over the edge.

We are very pleased that Peter and Christel have chosen to remain in the area and hope that Peter leaves his position of Superintendent with the Town of Assiniboia with many fond memories. Peter will be truly missed and the entire staff of the Town of Assiniboia wish Peter and Christel all the best in their retirement years. We hope they have many good times with their family - Michael, Holly and Shae. All the best to Peter in his first retirement.

TOWN OF CUDWORTH - ITEMS FOR SALE

Please submit offers on the following items to:

Administrator - Town of Cudworth

P.O. Box 69, Cudworth, SK S0K 1B0 - 223 Main Street

For more information or to view items please contact the office at 256-3492. Lowest or any offer not necessarily accepted. Removal costs will be the responsibility of the purchaser and methods of removal will be subject to approval of the Town of Cudworth.

1. Sand filters with air wash grid in good condition, 60" diameter x 5' height - 2 are original 1963 and 1 was purchased in 1986.
2. Canadian air compressor complete in good condition used for air wash of sand filters.
3. 1986 Aeration unit for removal of iron with electric fan in good condition.
4. 2 1986 transfer pumps model F1-820 AM-BF - good condition - Peerless centrifugal pumps with 2hp 230-460 volts three phase
5. Piping and butterfly valves.

6. Potassium manganese pump Model 1-A751-955 115 volt in good condition with barrels with covers.
7. Coleman industrial electric generator 10,000 volt with 19 hp twin Briggs and Stratton engine with auto throttle - new condition.
8. 2 Kerosene heaters new condition.
9. 4 pairs of Esso Kerosene.
10. Submersible 6" bowl pump at 100 gal/minute with Franklin 7.5 hp, 1 phase, 3450 rpm motor and Goulds 70L097 stainless steel wet end in new condition - 100' consisting of 20' lengths of 3" PVC pipe schedule 80.
11. 5 state submersible pump with Franklin 1.5 hp with stainless steel tank, good condition - 100' consisting of 20' lengths of 2" PVC pipe schedule 40.
12. 3 gang reel Bouwer mower 7.5' with 540 PTO for golf courses in good condition and accessories.
13. Natural gas MKE 2 basket deep fryer in good condition.
14. Arena time clock.

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CERTIFICATION DEADLINE REMINDER

Recognition is extended to the water and wastewater facilities where the operator(s) in charge are already certified at facility class level. Saskatchewan Environment (SE) requests facilities where the operator(s) in charge are not yet certified at facility classification level, to please read on.

The five-year-phase-in period of the Mandatory Operator Certification Program proclaimed on July 15, 2000 is nearly complete. This means that by July 15, 2005, owners of waterworks and/or sewage works, except owners of waterworks producing or supplying consumptive use (potable) water, must ensure that the operation, maintenance and repair of these works is under the direction of an operator certified at facility class level. A facility's main operator must be appropriately certified at facility class level in any or all of the following categories: water treatment, water distribution, wastewater treatment and/or wastewater collection. In addition, SE strongly encourages communities to have a back-up to the main operator similarly certified, or to make arrangements with a neighbouring community for sharing a similarly certified operator, to take over for after-hours or in case of vacation, illness or loss of your main operator for any reason.

The *Saskatchewan Water and Wastewater Operator Certification Standards 2002* and the *Operator Certification Program Guide* explain the criteria that an operator must meet to become certified. SE has developed several options that will be helpful for those locations having difficulty in achieving operator certification.

- One option is the regional or contract operator where a number of communities can share an operator who is certified at the highest level for those communities to oversee their uncertified operators. The publication *Regional/Contract Operator Program* explains how communities can share a certified operator. Please visit the website www.Saskh20.ca/foroperators.asp for an electronic copy of these documents, or contact (306) 787-6504 for a printed copy.
- another option is "Operator in Training" (OIT) that applies to waterworks classified as Small Systems, Class I or Class II, that have an only operator who is newly hired.
- Yet another option is "Small Systems" operator certification available for communities with a population under 500 served by a Class I ground water and lagoon system.

Once an operator has passed the appropriate certification examinations, the operator must complete a certification application, and submit it to the Operator Certification Board (OCB). A Certification board Brochure and Application form is available on the above website under "Education and Training" or by contacting Carla at (306) 789-3430. Please note that operators not yet certified in all four categories can apply to the OCB for certification in the remaining categories after completing appropriate exams. In addition, operators can upgrade their certification levels (i.e. from Class I to Class II), if

needed, after completing the appropriate exams. The upgrade and/or certification in additional categories is free. For a certification exam schedule, contact the Saskatchewan Institute of Science and Technology through the website, <http://www.siastr.sk.ca/operatorsexamsittings> or call (306) 694-3282.

To renew a certificate after July 15, 2005, an operator must earn one Continuing Education Unit (1.0 CEU) every two years leading up to renewal. Training and continuing education should be provided by credible organizations and should have CEU's assigned. In general, 10 hours of training are rated at 1.0 CEU. Continuing education is available through a number of workshops or events held annually throughout the province by SIAST (306-694-3223), the Saskatchewan Water and Wastewater Association (<http://www.swwa.sk.ca/TrainCert/Training.htm>) and others.

It is important for the protection of public health and protection of the environment that each community ensures the operator responsible for its water and sewage works is certified at the appropriate levels. Saskatchewan Environment has emphasized the importance of operator certification during water and wastewater works inspections and at numerous meetings and workshops over the past years. When visiting the website: www.Saskh20.ca/foroperators.asp, one can view the document, "Listing" for all the currently certified operators, the communities where they work, the facility's classifications and the operators' levels and categories of certification. At the end of March, 2005, there were 638 certified operators at SE "licensed" water/wastewater works; 326 communities had operators certified at some level, and 189 of them were in full certification compliance. The Environmental Project Officers will continue to work with waterworks owners that have yet to attain the required operator certification as the first step in a broader compliance strategy. Finally, a community operating a waterworks must also consider that their liability insurance coverage will likely be affected by how it complies with the certification regulations.

Please call Gus Feitzelmayer at (306) 787-6174 if you have any questions on operator certification. If you have any questions on other regulatory issues related to your water and wastewater works, please contact the Environmental Project Officer that normally deals with your system.



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2005 TENTATIVE CONFERENCE AGENDA

REGISTRATION BOOTH - Champagnes Room

REGISTRATION TIMES: Tuesday, November 1st from 7:00 p.m. to 9:00 p.m. and Wednesday, November 2nd from 7:30 a.m. to 10:00 a.m.

WEDNESDAY, NOVEMBER 2nd

#	Day / Time	Workshop / Session
1A	8:30 a.m. - 12:00 p.m.	Media & Public Relations workshop - CEUs to be awarded
1B	8:30 a.m. - 12:00 p.m.	PLC workshop - CEUs to be awarded
	12:00 p.m. - 1:00 p.m.	Lunch
2A	1:00 p.m. - 5:00 p.m.	Well O & M workshop - CEUs to be awarded
2B	1:00 p.m. - 5:00 p.m.	Filter maintenance workshop - CEUs to be awarded
	5:00 p.m. - 7:00 p.m.	Free Time (Supper on your own)
	7:00 p.m. - 11:00 p.m.	Ice Breaker Trade Show

THURSDAY, NOVEMBER 3rd

#	Day / Time	Workshop / Session
	7:30 a.m. - 8:30 a.m.	Breakfast
3	8:30 a.m. - 10:00 a.m.	Opening Meeting and Remarks
4	10:00 a.m. - 11:00 a.m.	Walkerton Now - Bruce Davidson
5	11:00 a.m. - 2:30 p.m.	AWWA Teleconference - CEUs to be awarded
	10:00 a.m. - 12:00 p.m.	Coffee / Trade Show
	12:00 p.m. - 1:00 p.m.	Lunch with Suppliers
6A	1:00 p.m. - 2:00 p.m.	Wastewater Monitoring
6B	1:00 p.m. - 2:00 p.m.	Proper Barricading for Construction Sites
7A	2:00 p.m. - 3:00 p.m.	Sewer Biofilm - Ignore at your own risk
7B	2:00 p.m. - 3:00 p.m.	Trenchless Relays
7C	2:00 p.m. - 3:00 p.m.	Distribution Maintenance
	3:00 p.m. - 3:15 p.m.	Coffee
8A	3:15 p.m. - 4:15 p.m.	Preventative Maintenance - Swabbing Watermains
8B	3:15 p.m. - 4:15 p.m.	Wastewater Treatment Plant Upgrade - City of Swift Current
8C	3:15 p.m. - 4:15 p.m.	Waterworks Assessment
	6:30 p.m. - 7:00 p.m.	Cocktails
	7:00 p.m. - 10:30 p.m.	Banquet and Entertainment

FRIDAY, NOVEMBER 4th

#	Day / Time	Workshop / Session
	7:30 a.m. - 9:00 a.m.	Breakfast
9	9:00 a.m. - 10:00 a.m.	Information session TBA
	10:00 a.m. - 10:15 a.m.	Coffee
10	10:15 a.m. - 11:15 a.m.	Assessment Maintenance - Sewers
11	11:15 a.m. - 12:00 p.m.	Reconvene AGM / elections
	12:00 p.m. - 1:00 p.m.	Lunch - Final Draws and Closing Remarks

ADDITIONAL CONFERENCE ITEMS:

Exam Session - Tuesday, November 1st from 7:00 p.m. - 10:00 p.m.

Spousal Program - Thursday, November 3rd from 1:00 p.m. - 5:00 p.m.

TENTATIVE SEPTEMBER WORKSHOPS

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CONFERENCE EXAM SESSION

Tuesday, November 1, 2005

Sign In Time: 6:30 p.m.

Exam Time: 7:00 p.m. - 10:00 p.m.

**Location: Saskatoon Inn, Canadian Room
(Maximum 50)**

Name: _____

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 \$5.25 GST = \$80.25

October 11 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 ID to the Exam Session.

Send Your Application and Fee to:

SWWA

46 Windfield Road

Regina, Saskatchewan S4V 0E7

Phone: 306 - 761-1278 Fax: 306 - 761-1279

SALARY STUDY UPDATE

As you may be aware, SWWA has begun the process of acquiring the contract and the funding from Sask. Learning to undertake an in-depth comprehensible Water and Wastewater Operator salary study.

The Board of Directors will be very busy choosing a consultant or statistician to do the research that will be needed. At the same time, The Saskatchewan Water and Wastewater Association will lead a steering committee of safe clean drinking water stakeholders to choose the direction of the study.

At this time, we do not know precisely how long this study will take, but we will endeavor to forward results to you as quickly as possible.

Mark Krecsy - President

SWWA CONFERENCE 2005

NOVEMBER 2nd, 3rd and 4th

Saskatoon 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.

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

Conference Registration Booth will be open

Tuesday, November 1 in the Champagnes Room from 7:00 p.m. - 9:00 p.m.

Wednesday, November 2 in the Champagnes Room from 7:30 a.m. - 10:00 a.m.

Regular and Agency Member Conference Package

All days, all meals, 2006 SWWA Membership, Trade Show & Banquet

All conference information sessions and workshops.

* DO NOT SEND EXAM REGISTRATION FEE WITH CONFERENCE REGISTRATION *

Please check and total the following that you wish to participate in:

	Fee	GST	TOTAL	Amount Paid
Early Bird Conference Package For registrations & payments <u>received by October 15, 2005</u>	<input type="checkbox"/> \$246.00	\$17.22	\$263.22	_____
Conference Package For registrations & payments <u>received after October 15, 2005</u>	<input type="checkbox"/> \$346.00	\$24.22	\$370.22	_____
Additional Options:				
AWWA Satellite Teleconference (CEUs to be awarded)	<input type="checkbox"/> \$55.00	\$3.85	\$58.85	_____
<u>Extra</u> Banquet Ticket (per extra ticket)	<input type="checkbox"/> \$35.00	\$2.45	\$37.45	_____
<u>Extra</u> Meal package (banquet ticket <u>not</u> included)	<input type="checkbox"/> \$65.00	\$4.55	\$69.55	_____
<u>Extra</u> Meal package (banquet ticket included)	<input type="checkbox"/> \$100.00	\$7.00	\$107.00	_____
Spousal Program Name of Attendee:	<input type="checkbox"/> \$20.00	\$1.40	\$21.40	_____
			TOTAL	_____

2006 SWWA MEMBERSHIP

If you **are not attending** the conference but would like to obtain a 2006 Membership, please complete the top of this form and submit with payment.

\$40.00 plus \$2.80 GST Total \$42.80

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

Call the Saskatoon Inn at 1-800-667-8789. A limited number "conference rate" rooms are available until October 2.

GRIMSBY FINED \$1,500 FOR OPERATOR VIOLATIONS

The Town of Grimsby, Ontario, has been fined \$1,500, plus a victim fine surcharge, after pleading guilty to one count of non-compliance with the Ontario water Resources Act (OWRA).

Grimsby owns and operates the water distribution system and the Town is authorized, through a Certificate of Approval issued by the Ministry of the Environment (MOE), to operate the water distribution system. The court heard that in March, 2003, a routine inspection by MOE revealed that one of the Town's water operators was not properly certified. An investigation confirmed that between January and November, 2002, the Town failed to ensure that all of its operators held licenses relevant to the facility's operations.

By failing to ensure that every operator holds a license that is applicable to the town's facility, the Corporation of the town of Grimsby contravened Section 14(1) of Ontario Regulation 435/93 made under the OWRA. The Town pleaded guilty to the single breach, and was fined \$1,500 and given 30 days to pay.

Justice of the Peace, Carollyn Straughan, accepted the guilty plea and fined the company on August 20, 2004 in St. Catharines.

PESTICIDE TRACES FOUND IN WATER

Pesticides have been detected in the water of six Saskatchewan communities, but the water is safe to drink, says Saskatchewan Environment. The minute amounts of pesticide are not considered a health hazard because the levels are significantly lower than the national drinking water quality guidelines.

Environment Canada studied the untreated drinking water reservoirs, in 15 Prairie communities from May 2003 to April 2004. Using new testing technologies to detect components at extremely low levels, researchers detected pesticides in municipal raw water reservoirs and treated drinking water in Assiniboia, Avonlea, Birch Hills, Ceylon, Fleming and Laird. Environment Canada has suggested three causes for the contamination - the first is that pesticide evaporated after it was sprayed on plants, was taken up in the clouds and came down as rainfall. The second is drift during spring operations and the third is runoff from fields.

Saskatchewan Environment informed the six communities of the test results. The department will provide advice on appropriate treatment methods such as carbon filtration, reverse osmosis and source water protection.

CCHREI - Towards Water and Wastewater Operator Certification for Canada

In 2004, the Canadian Council for Human Resources in the Environmental Industry (CCHREI) developed National Occupation Standards (NOS) for water treatment, water distribution, wastewater treatment, and wastewater collection operators. Their next step is to determine the importance of each NOS task to operators at different levels of certification (if any) . . . and the importance of each NOS task to the various classes and types of facilities.

To gather this information CCHREI will be conducting a national survey of water and wastewater operators from facilities of all classes and types in the spring of 2005. The CWWA website (www.cwwa.ca) provides additional information on how you can participate.

MOBILE WATER TREATMENT FACILITY USE RISES

Municipal drinking water facilities, power plants, refineries, chemical plants and various other industries all need an uninterrupted supply of high-quality water. Sometimes factors such as a drought, contaminated water, a change in process water quality requirements or the shutdown of a water treatment system for maintenance, affect a plant's ability to meet its purified water needs. When that happens, the plant needs an alternative water supply - fast.

Mobile water treatment offers a quick, cost-effective solution. A phone call to a mobile water treatment provider sets the wheels in motion, and a trailer containing water treatment equipment soon arrives at the customer's site. It's not only emergency situations that call for mobile water treatment, however. Mobile trailers provide purified water for pilot facilities, interim use until a permanent system is installed, system scale-up, zero discharge applications and scheduled maintenance of permanent systems.

With water shortages, more stringent environmental regulations and the cost of capital equipment on the rise, more businesses are choosing mobile water treatment for emergency, seasonal and short-term water treatment needs.

"We've seen a significant increase in the number of requests for emergency mobile treatment and temporary mobile treatment contracts over the past few years," says Pete Sesing, USFilter's vice president for mobile and onsite services.

A recent treatment project involved the Cucamonga Valley Water

District in Rancho Cucamonga, California. USFilter provided emergency trailers for nitrate removal from a dormant well that needed to be brought back on line during a water shortage. In late May 2004, the water district learned that its normal supply of water would be interrupted in a week because of emergency supply line work. This shutdown would have caused a 60-per-cent reduction in the water supply to 43,000 connections. USFilter sent multiple mobile units to the well site in Rancho Cucamonga. Each unit processed 400 gallons per minutes of influent well water, removing the nitrate with an NSF-certified resin. The mobile services allowed an uninterrupted supply of treated water for the district, with no waste discharge at the site. Besides bringing the well on line, the mobile treatment provided an additional 10 million gallons of water during the emergency water shortage.

In the industrial sector, USFilter has provided mobile water treatment to power plants requiring extra water capacity. In June 2004, two emergency mobile trailers were supplied to PSEG Power's Mercer Generating Station in Trenton, New Jersey, preventing a plant shutdown. A sudden increase in water demand, combined with the discovery of colloidal silica in the city water, meant that the plant needed mobile trailers with carbon pre-treatment, reverse osmosis and demineralization.

"We were literally minutes away from being shut down because of the demineralized water demand," says Mark Schwartzkopf, senior environmental engineer, Mercer Generating Station.