

# the pipeline

Fall 2023 ~ 30th Edition

SASKATCHEWAN WATER AND WASTEWATER ASSOCIATION

## Managing *Ex*pectations

# content

September 2023 - Fall

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# kelly kish

SWWA Pipeline Editor

*Well, I'm a tough operator with a long history,  
Of water main breaks and other advisories.  
But hey, that's ok. I'll show you how I do it,  
I dig down deep, grab a coffee and do it.*

*The water main breaks and hits me in the face,  
The water surges and keeps hitting me with more.  
Still, I persist and shout at it,  
Is that all you got?*

*I shout to the main,  
Why can't you fight fair?  
If that's how you gonna do it,  
I will keep coming at you till I win.  
You can't knock me down,  
A Kish always lands on his feet!*

*All summer long, you keep persisting,  
Popping back up here and there.  
Still, I keep coming at you,  
Nothing going to stop this guy from winning.*

*Now we be coming up to fall,  
And you're all quiet again.  
So, I say ado and pray you stay away.  
Whatever happens, I will always get you!*

*Ain't nothing going to keep an old operator down!*

See you all at the conference, and don't forget to read the entire issue, we have and had a lot happen this year.

Kelly Kish

## Notice to SWWA Members of motion for CHANGE TO SWWA CONSTITUTION

As noted in the SWWA Constitution, all changes to be voted on to the constitution must be submitted 30 days prior to an Annual General Meeting. The motion below will be up for vote at the AGM Nov. 1, 2023, at the SWWA Conference.

"Blair Winterhalt made a motion to change the SWWA financial year end from August 31 to July 31 as per Article 10: 1:1 of the SWWA Constitution to January 1 to December 31 yearly, Tim Cox second."



# rynette moore-guillaume

SWWA President

I want to take the opportunity this month to thank everyone in the Water and Wastewater industry. You don't hear this enough so let me put it out there: your roles are critical to the communities of Saskatchewan. Your dedication to safeguarding public health, protecting the environment, and meeting all the regulatory requirements is invaluable. Your willingness to be on 24/7, whenever required, is commendable.

As an association, we want to make sure your contributions are recognized and encourage more people to pursue this fulfilling line of work. That's why we must continue to work together to be adaptable to the changes in the industry and to be mentors for the new operators that are starting their careers. To help us achieve this, SWWA is focused on providing on-going opportunities for networking and to promote professional growth in the industry. On that note, we're inviting you all to join us at our annual golf tournament on August 18<sup>th</sup> at Manitou Beach Golf Course. (Nobody said networking had to be hard work!)

In our efforts to stay connected with our members and prospective operators, we have updated our website ([www.swwa.ca](http://www.swwa.ca)), so be sure to check that out. We are also launching a new SWWA scholarship for those looking to advance their careers as operators. Applicants need to complete the SWWA Training Scholarship application, be a SWWA member upgrading their certification and be a part of our association. We will be providing four scholarships of the amount of \$1125.00 per applicant. You can learn more on the website, under "About Us" the "Scholarship" tab.

In other industry developments, Water Professional International (WPI) meeting held in June. Formerly

known as the Association of Boards of Certification, WPI is the central water industry authority that ensures operators are prepared to meet the standards of regulatory certification. The last time the WPI had a joint meeting was in 2017. The upcoming meeting was called to provide a WPI update, and discuss program updates, certification exams, classifications, reciprocity, operational experience and Canadian Water and Wastewater Operator Certification Best Practices.

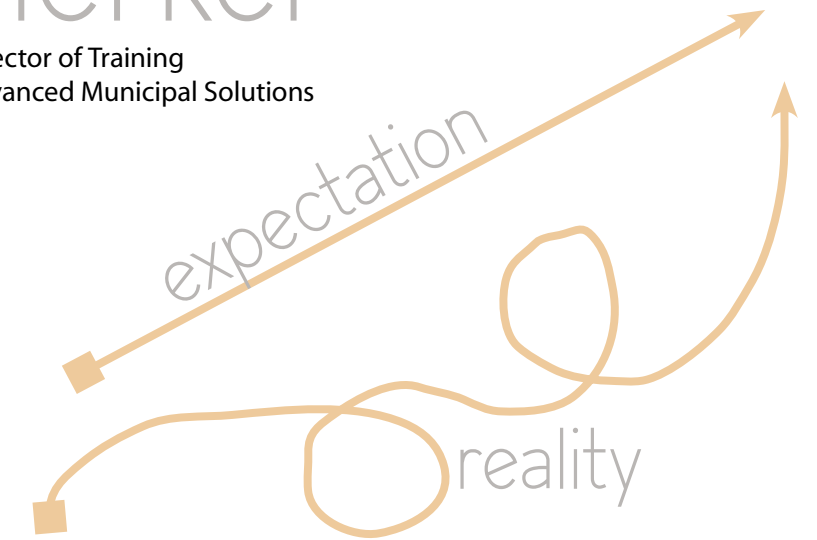
In addition, The Water Security Agency has announced that the new customized wastewater treatment level 1 and 2 exams have been launched. WPI is working on new wastewater treatment level 3 and 4 exams and has an expected target date of December 2023.

And don't forget, we are only five months away to our annual conference, November 1-3, 2023. We have been busy planning another great event for our members and suppliers. We are excited to have Catriona Le May Doan as our keynote speaker this year, sponsored by SaskWater. She is a three-time Canadian Olympic Champion, Gemini Award Winner, officer of the Order of Canada, broadcaster, and keynote speaker. As someone who has dealt with changing expectations in the public eye, Catriona will draw from her experience to deliver her keynote address: "Managing Expectations". She will address how changing situations mean changing expectations - and the mounting pressures to meet those expectations -- both from within and from the outside world. Dealing with pressure and the fear of failure (and/or the fear of success) are a reality for so many. Catriona will share important insights on these issues to help you learn from her own experience. You can learn more and register for



# dawn dierker

Director of Training  
Advanced Municipal Solutions



## Managing Expectations

In our post pandemic world there is a lot to be said for managing expectations. Many of the things we took for granted before the world closed down for a few months have returned to pre-pandemic order, but there are many that have not. Not all of the changes are unwelcome; there may be a modified way of doing things or completely different than we knew before.

On-line registration for operator certification courses, pre-pandemic, was not as common as it is today. Some groups offer both on-line registration options, paper registration and can send an invoice. This may be a welcome option to some registrants. Training can now be done in the classroom, on-line with a live instructor, through a Learning Management System or a combination of deliveries. We can attend conferences, in some cases, in person, virtually or a combination of the two. Managing our expectations is one of the things we have to learn in a world that offers many options and opportunities. Not all providers will be equipped to offer the same things, so we need to be wise consumers and ask the questions about things that are important to us.

It is the same when we are starting a new job. Some companies do a great job of providing on-line onboarding complimented with in-person orientation and on-the job training. Others are just catching their breath from the changes during the pandemic and are trying to maintain their previous onboarding practices. Whether we are dealing with a new employer, a new client, or a new community it is important to remember that they have expectations of us and we of them. Clear communication and asking questions will pave the way for a successful relationship.

When it comes to operator training, certification, and on-the-job training most of us will have certain expectations. If we are asking the right questions, managing our expectations, and communicating clearly, we will lower the risk of being disappointed. Please feel free to reach out anytime with questions. We are looking forward to seeing everyone at this years SWWA Conference.



teresa  
walker  
Inspirational Facilitator



## Managing Expectations

What happens when we

ASSUME??

It's like that saying...

it makes an a\*\* out

of you AND me!! And

no one likes that!!

### First, let's define expectations.

Expectations are a "belief" that something "WILL" happen or is "LIKELY" to happen.

Expectations serve as a baseline for what we will be pleased with; therefore, anything less than that we were expecting will be deemed as disappointment.

Expectations influence behaviour and feelings within situations both professionally and personally. Expectations can be positive by playing a role in contributing to goal creation and determine proper behaviours.

Expectations can also lead to some serious disappointment when realities don't match up with what we had hoped would happen or become the outcome.

### So how do we manage expectations??

\*\*Communication is key\*\*

~ Providing steps and a process.

~ Staying strength focussed with all involved.

~ Asking clarifying questions.

~ Setting realistic benchmarks and goals.

~ Celebrating the "small wins" during the process.

~ Working with the REALITIES rather than the wants or desires. "KEEP IT REAL"

So, what happens when we fall short of expectations??

This creates an abundance of emotions ranging from sadness, frustration, hurt to anger. It has the potential to be deflating of our energy.

### So, what do we do??

~ It's best to put the expectations into perspective.

### Are they real?

### Are they achievable?

Perhaps we need to pause and re-examine.

Can we be flexible in other the method and still reach the desired outcomes??

\*Strength focussed is the key to creating success!

Sometimes this may require an outside perspective to provide guidance and tools.

### Here is my formula for success:

Clear expectations =

right fit with tasks =

employees' satisfaction =

teamwork =

healthy work environment =

company goals met =

**overall success.**

### Everyone impacts the formula.

Can you think of a time at work and personally where the expectations were not made clear and perhaps you either felt or were made to feel like you "fell short?"

Remember ~ there is no thing as a dumb question...so if you are unsure ~ chances are there are others.

Teresa Walker

[www.teresawalker.com](http://www.teresawalker.com)

"Make the most with your moments"



calle  
behnke

Executive Director

## Your Membership - Your Association

Some days I can hardly believe I have been with the SWWA for 13 years. So much has changed from when I first started to today. The biggest change I have seen not related to technology has been the people changes. Many of the familiar faces we are so used to seeing at events have changed, we have seen many retire and many new faces come in. With change comes the need to review information we may have forgotten or may not have realized.

Your SWWA Membership is your membership. Memberships are in the name of the individual not your community or employer. A few things you need to know about your membership are:

- Your membership expires yearly – you will need to renew it every year by, on, or before the anniversary date.
- You need to have an active membership to qualify for the SWWA Scholarships and Awards.
- Your email is the email for the account – if it isn't, give the office a call and we will get that fixed. The billing email can be where the receipt goes.
- Your membership follows you – it does not belong to anyone but you regardless of who paid for it.
- The conference fee does not include the membership fee – with the upgrade that was done in 2021 this changed.

- Your membership tracks the ceu's you earn and your conference attendance – if you cannot find a ceu it is an easy check in the database with your member info to verify attendance, ceu issued, and the amount of ceu's earned for a workshop.

- All members are eligible for applying for the Scholarships – these work to help assist with the cost of obtaining certification or upgrading certification. There is also a family scholarship available for the member's immediate family member who is attending trade or tech school.

- The SWWA is on Social Channels – LinkedIn and Facebook. Connect with us. I promise you will be glad you did.

- Got a question, but its conference time and the office line is busy? Send us a text to the office number or email.

- The website always has the most up to date information – A lot of time has been spent trying to make it as user friendly as possible and more upgrades are in the works for this fall to be complete and rolled out after the conference.

The SWWA Board is here to support the members of the association – if you have ideas or would like to see something reach out and send an email to [office@swwa.ca](mailto:office@swwa.ca) and your email will be brought forward to the board at a meeting.

a fantastic  
opportunity  
to reconnect  
with those in  
the industry  
and those who  
are new to the  
annual event.

## 2022-23 State of the Drinking Water Quality in Saskatchewan Report

The 2022-23 Annual Report on the State of the Drinking Water Quality in Saskatchewan has been published and is now available. You can access this report on the Drinking Water page of the Water Security Agency website.

This is the 21st annual report on the status of drinking water in Saskatchewan for the fiscal year ending on March 31, 2023. The State of Drinking Water Quality Report is a legislated requirement under The Environmental Management and Protection Act, 2010 to demonstrate the ongoing commitment of the Government of Saskatchewan to ensure safe drinking water. The annual report is a performance summary of our drinking water management system from source to tap within the framework of the multi-barrier approach to safe drinking water where each barrier provides a safeguard intended to prevent contamination. Status reporting relates to the barriers for the protection of drinking water, public perception, and investment as it relates to drinking water and wastewater management in Saskatchewan.

### ***Some highlights of ongoing success and progress of safe drinking water management in 2022-23 include:***

- 87 per cent of Saskatchewan residents strongly or somewhat agreed that their drinking water was safe to drink.
- Water quality remains above 90 per cent compliance for bacteriological, health and toxicity, disinfection, and turbidity and is improving as upgrades to waterworks address water quality concerns.
- Certified operator compliance remains high and consistent with previous years.
- Inspections were conducted at most waterworks and wastewater systems with results showing overall good compliance with inspection items.
- Over \$105 million was spent on water and wastewater programs and activities, including infrastructure government funding provided, which excludes contributions made by municipalities.

***For further details on this report, go to the Water Security Agency website.***



## Fall 2023

### CERTIFICATION COURSES:

#### October 2-6

Level 1 WT/WD in Moose Jaw

#### October 23-27

Level 1 WWT/WWC in Moose Jaw

#### November 20-24

Level 2 WWT/WWC in Saskatoon

#### November 27-30

Level 1 WT/WD in North Battleford

#### December 4-8

Level 1 WWT/WWC in Saskatoon

#### December 11-15

Level 2 WT/WD in Candle Lake





# Conference Agenda 2023

Tuesday, October 31

**5:30pm - 7:30pm:** Pre-registration package pickup & walkup Registration

**7:30pm - 11:00pm:** Networking Event

**Wed. Nov. 1** 7:30 am - 9:00am registration in Main Entrance

## Centennial Hall

|                 |   |  |   |
|-----------------|---|--|---|
| 9:00 - 9:15am   | Opening Ceremonies  |  |   |
| 9:15- 10:30am   | Keynote Speaker - Catriona Le May Doan - Managing Expectations                      |  |   |
| 10:30-11:00am   | COFFEE  |  |   |
|                 | Gallery A/B   | Gallery C/D  | Centennial Hall   |
| 11:00am-12:00pm | Retrofitting Municipal Wastewater Treatment Lagoons for Total Nitrogen Limits       | Laboratory Testing and Sampling Basics                             | TLac Des Iles Wastewater Treatment Facility   |
| 12:00 - 1:15pm. | Lunch   |  |   |
|                 | Gallery A/B   | Gallery C/D  | Centennial Hall   |
| 1:15 - 2:15pm.  | Aerated Lagoon Maintenance: Getting the most out of your equipment                  | Mixing Applications Specific to Water Treatment Processes Synopsis | There's something on our SCADA! The critical role of W & W Operators fill in a cyber-event  |
| 2:15 - 2:45pm.  | COFFEE  |  |   |
| 2:45 - 3:45pm   | Pressure Management to Reduce Non-Revenue Water (Water Loss) and Pipe Bursts        | Automation and Control Systems- Making your data work for you      | Increase your capacity without increasing your footprint or operational complexity MBBR and FAS Upgrades of existing activated sludge |
| 3:45 - 8:30pm   | Trade Show<br>Silent Auction<br>Pop & water available at the bar from open to close |  |   |
| 5:30 - 8:00pm   | FOOD Stations & Bar   |  |   |

50/50 tickets will be sold in support of STARS on the night of the trade show  
All Silent Auction proceeds will go to support our project with WaterAid Canada

Thursday, Nov. 2

## Centennial Hall

|                  |   |  |  |
|------------------|---|--|--|
| 7:30 - 8:30am    | Breakfast   |  |  |
| 8:30 - 9:00am    | AGM Elections   |  |  |
| 9:00 - 9:15am    | Coffee  |  |  |
|                  | Gallery A/B   | Gallery C/D  | Centennial Hall  |
| 9:15 - 10:15am   | Unlocking the hidden potential: Transforming vibration for enhanced asset management and cost savings | A tale of Ten Thousand Straws: Overview of Hollow Fiber Nanofiltration for Canadian Water Treatment Applications | Wastewater Lagoon Sludge Surveys : Data Driven Decision-Making for Lagoons |
| 10:30am - 1:00pm | Trade Show - COFFEE & Lunch on Trade show Floor   |  |  |
|                  | Centennial Hall   |  |  |
| 1:00 - 2:00pm.   | Water Security Agency Updates   |  |  |
| 2:00- 2:30pm.    | OCB Update  |  |  |
| 2:30 - 2:45pm    | Coffee  |  |  |
|                  | Gallery A/B   | Gallery C/D  | Centennial Hall  |
| 2:45 - 3:45pm    | PControl Systems Don't Last forever! How to successfully plan and execute an upgrade                  | Current Trends in Cyber Crime  | Understanding Quality Assurance of Laboratory Results                      |
| 5:45 - 6:30pm    | Cocktails - 50/50 ticket sales  |  |  |
| 6:30 - 7:30pm.   | Banquet Meal  |  |  |
| 7:30 - 8:00pm    | Awards Ceremony   |  |  |
| 8:15 - 9:15pm.   | Entertainment   |  |  |

Friday, Nov. 3 Centennial Hall

|                 |                                       |
|-----------------|---------------------------------------|
| 7:30 - 8:30am   | AGM Reconvene - Election Results      |
| 8:30 - 9:30am   | Tyler Smith - Humboldt Broncos        |
| 9:30 - 11:30am  | Saskatchewan Water Projects- TBA      |
| 11:30 - 12:00pm | Closing remarks /Final Giveaway draws |

Gold stickers will be placed on CEU certificates following the final session - certificates need to have the gold sticker to be submitted to the OCB board

# THANK YOU FOR THINKING OF STARS



THE CARE



## EVERY LIFE IS WORTH FIGHTING FOR

It all began when a pregnant woman from a rural community died from blood loss, leaving a father alone with their newborn. For STARS' founder, Dr. Powell, her death was one too many. Something had to be done.

Motivated to change emergency care across rural Alberta, Dr. Powell and his colleagues created a helicopter air ambulance service, which was built and supported by the community. While the faces have changed, STARS team members continue to be motivated by our passion for saving more lives and our desire to be the disruptive innovator who contributes to transformation in the healthcare system. As we've grown and evolved, STARS has never wavered from our mission. Fundamentally we all believe that where you live – or work, play, and travel – shouldn't impact your chance of survival.

IT'S ALL ABOUT THE PATIENT. One foggy August morning, Charlotte McHugh left the family farm for her nursing job when a truck barreled through a stop sign and into the driver's side of her car. The collision left her in critical condition, but your support saved her life. A helicopter carrying Pat Jeffery, a nurse with three decades of medical experience, and Chad Hegge, a 13-year paramedic and staff educator, was dispatched to the crash site.

"I knew about STARS before my accident," said McHugh. "But I had no idea of the depth of STARS' experience." When the air medical crew met McHugh at the scene, her blood pressure was so low it was tough to tell if she had a pulse. Immediately, the crew went to work saving her life. First, they took control of her breathing. Next, they checked her chest in case there was a build-up of air. Rather, her chest was full of blood. "A broken rib had cut into my heart," said McHugh, who also fractured her pelvis. Hegge and Jeffery knew time was not on her side. They provided medication for her low blood pressure and administered sedation, which required placing a tube in her throat, using a video laryngoscope. As she was loaded into the helicopter, McHugh's blood pressure remained low. Once the aircraft lifted off, the crew administered two units of blood and McHugh was placed on a ventilator. Because STARS had contacted the hospital, a trauma team was waiting when the helicopter landed. Three years later, she visited STARS to say thanks to her crew and allies like you who saved her life.

The SWWA was privileged to have Ashley and Xavier from Stars attend the Golf Tournament August 18 at the Manitou Beach Golf Course. 75 golfers raised \$1480.00.

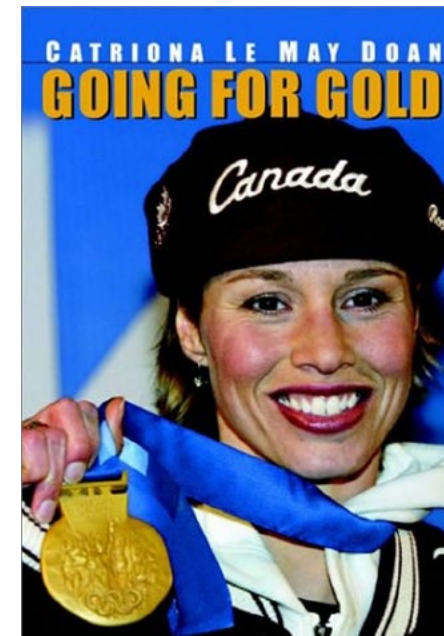
Stars will be attending the annual conference and we will be fundraising for Stars with a 50/50 the night of Nov. 1 on the trade show floor. Every one of us has a special connection to Stars either through how they have helped someone we know or through the many members of the association which are also volunteer fire fighters in communities.

We look forward to having Stars attend the event in November.



Sponsored By SaskWater  
**Keynote Speaker**

catriona  
la may doan



Catriona Le May Doan was first to do what no other Canadian athlete has ever accomplished-she won an Olympic Gold medal and then successfully defended her Olympic Gold title.

In 2020, the Canadian Olympic Committee announced that Catriona would be the chef de mission – the face of the Canadian Olympic team – at the upcoming 2022 Olympic Winter Games in Beijing.

Catriona is an articulate, engaging, and bilingual presenter. Her story is an inspiration, and her ability to explore with audiences the method of achieving personal excellence while challenging and motivating people to achieve their full potential is unmatched. Catriona will share the strategies and tactics that she applied to her sport, and how they can be applied universally. She shares her insights on achieving goals and the process during which one experiences trials and triumphs. It is only with characteristics like passion, a winning attitude, commitment, and teamwork that you can achieve your potential.

Twenty-three years in the sport of speed skating taught Catriona a great deal. She learned to deal not only with obstacles, but also with success. Catriona's journey included numerous obstacles, yet with the help of her team, she learned to overcome anything. She has seen first-hand what can be achieved when a team works together and appreciates each other's strengths and weaknesses. That the potential is limitless when a team unites and rises to face challenges together. Catriona realized her dream of winning an Olympic gold medal, and further realized that remaining at the top was even harder. She will leave her audience with a clear understanding of what it takes to get to the top and stay there in a competitive environment.

What does it take to be the best? What does it take to remain the best? Catriona highlights the role of leadership and the need to continually raise the bar to stay on top and overcome obstacles. The journey of Catriona Le May Doan will inspire you to reach farther than you thought possible.





Now available on the  
website...  
[www.swwa.ca](http://www.swwa.ca)

## First Time Conference Goers

For those attending the Tradeshow for the first time as Exhibitors- here are some tips and things to know to help you be in the loop.

- Check-in at the SWWA office for your package with meal tickets, name badges etc. by noon Nov. 1. If not picked up by noon the package will be left on the booth table.
- The Tradeshow does not begin until Nov. 1, 2023, at 4pm and it runs till 8:30pm. All exhibitors are to have booths shut down and be exiting the floor for 8:30pm.
- The tradeshow also runs Nov. 2 from 10am till 1pm
- A Move In Schedule is available on the website under the events tab and Tradeshow tab. There is no move out schedule – you must be completely out of the booth area by 2:30pm Nov. 2.
- Names for Badges are to be submitted via the link you received when registering for the booth any changes need to be done through the office if the names change. Any changes after Oct. 20 are not guaranteed will make the printers.

### TIP #1

- Keep your meal tickets inside your name badge holder
- Wednesday breakfast is in Centennial Hall and lunch is on the tradeshow floor.
  - Hotel information can be found on the SWWA website – it is best to book early as possible. The two conference hotels are the Holiday Inn and the Hilton Garden Inn. Once the rooms for the block have been taken there are no more left. The SWWA office is not responsible for ensuring rooms and once the block is full that is it.

### TIP #2

Network, Network, Network – We cannot say this enough! Step out of your booth and talk to those in attendance, they want to talk to you.

### Tip #3

All Sponsors will have a sponsor on the bottom of the name badge used for the trade show. Sponsors will also be noted on the floor plan displayed in the Sched app and in the logos on the app. Sponsors who commit after Oct. 1 will get reduced exposure than those who partner early.

### Tip #4

Drinks and food are served on the trade show floor Nov. 1. Food Stations with fun engaging foods will be served.

### Tip #5

Get your company business card, logo and description of services in to the SWWA office to ensure you get maximum exposure as a trade show exhibitor.



Not sure of something?  
Ask questions, don't forget to  
network, and have fun.



## The Saskatchewan Operator Certification Board

### Your Certification Renewal and Continuing Education Units

#### How do I know when to renew my certification?

Renewal forms are mailed to operators, usually 2 to 3 months before the renewal date. If your renewal date is approaching and you have not received your notice, you can download the renewal form from our website: <https://saskocb.ca/wp-content/uploads/Renewal-Application-August-16-2018-1.pdf>

#### What do I need to renew my certification?

You will need a renewal application, \$150.00 renewal fee and one (1) Continuing Education Unit (CEU) every two (2) year renewal period. You cannot repeat the same CEU's for two consecutive renewals

(i.e. – if you took First Aid for your last renewal, you cannot repeat this course and use it for this one).

#### How do I obtain CEU credits if there are no in person courses or conferences available?

There are several courses now available through internet webinars, video conferences and online registrations. You can refer to our CEU approved list on our website for more information and options. Some courses will be noted as “online”, “webinar”, etc if it has been approved as such. You can check out the course facilitator websites for further details or contact them directly.

#### I have extra CEU credits from my last renewal, can I use them for this one?

CEUs must be earned during your current certification period (i.e. – May 2019 – May 2021) so any CEUs earned prior to that date will not be accepted.

#### I want to take a course for my CEU credit but it is not listed on the approved list. What can I do?

You can complete a CEU Evaluation Form for the course, including an agenda and detailed timeline and submit to our office. The Board will review it at the next Board meeting and, if approved, it will be added to our approved list and uploaded to our website.

The form can be found on our website - <https://saskocb.ca/wp-content/uploads/CEU-Evaluation-Form-June-10-2020-1.pdf>

#### I do not have access to the internet and online learning options, can I get an extension on my renewal?

At this time, we are not able to extend renewal obligations for anyone not able to obtain their CEU credits. If you cannot obtain CEUs you can contact our office or the EPO in your area for further instruction. EPOs can be found on the Facility Classification List on our website under the Operator Certification tab - <https://saskocb.ca/certification/>

#### Where do I find the Board meeting dates and submission deadlines?

All meeting dates and deadlines are listed on the home page of our website – [www.saskocb.ca](http://www.saskocb.ca)

#### How do I submit my documents to the OCB office?

Email, fax or Canada Post mail are all accepted ways to submit your documents to the OCB.

You can always call or email us with your questions:

Email – [info@saskocb.ca](mailto:info@saskocb.ca)

Phone – 306-789-3430

Fax – 306-789-3429

Website – [www.saskocb.ca](http://www.saskocb.ca)

# Conference Exhibitors

- |          |   |          |  |
|----------|---|----------|--|
| Booth 1  | ATAP Infrastructure Management Ltd.             | Booth 59 | A & R Hydrant Repair Ltd.                        |
| Booth 2  | ENGINEERED PIPE GROUP                           | Booth 60 | BettsM Controls Inc.                             |
| Booth 3  | EPCOR   | Booth 61 | Wachs Canada Ltd                                 |
| Booth 4  | Saskatchewan Research Council                   | Booth 63 | FER-MARC EQUIPMENT LTD                           |
| Booth 5  | Saskatchewan Operator Certification Board       | Booth 64 | Wolseley Waterworks Canada                       |
| Booth 6  | Water Security Agency                           | Booth 65 | Nexom  |
| Booth 8  | Power and Mine Supply Co Ltd                    | Booth 66 | Mequipco Ltd.                                    |
| Booth 9  | Silversmith Canada ULC                          | Booth 67 | Municipal Utilities                              |
| Booth 10 | Saskatchewan Polytechnic                        | Booth 68 | Klearwater Equipment and Technologies            |
| Booth 14 | Top Shot Concrete Inc                           | Booth 69 | TMH Electrical                                   |
| Booth 15 | E.B. Horsman & Son                              | Booth 70 | Veolia Water Technologies Canada                 |
| Booth 18 | Carbon Controls Ltd                             | Booth 71 | LineStar Utility Supply Inc                      |
| Booth 19 | CB Process                                      | Booth 72 | Accu-Flo Meter Service Ltd                       |
| Booth 21 | Dynamix Agitators Inc                           | Booth 73 | VEGA Instruments Canada Ltd                      |
| Booth 22 | Aquatech Diving & Marine Services Ltd           | Booth 74 | Tundra Process Solutions Ltd.                    |
| Booth 23 | Safesidewalks Canada                            | Booth 75 | MPE Engineering                                  |
| Booth 26 | KTI LIMITED                                     | Booth 76 | Delco Water                                      |
| Booth 27 | Spartan Controls                                | Booth 77 | Delco Automation Inc.                            |
| Booth 28 | Deblo Industries Ltd                            | Booth 78 | Ford Meter Box                                   |
| Booth 30 | Mid Continental Pump Supply                     | Booth 79 | Aquifer Distribution                             |
| Booth 31 | Vern's Pump                                     | Booth 80 | ALS  |
| Booth 32 | Pacific Flow Control Ltd                        | Booth 81 | WD Industrial Group                              |
| Booth 33 | Acti-Zyme Products Ltd.                         | Booth 82 | Robar Industries Ltd.                            |
| Booth 34 | Perma Pipe Canada                               | Booth 83 | North Fringe Industrial Technologies Inc.        |
| Booth 35 | Aqua Data Atlantic                              | Booth 84 | GO PACK PACKAGING SOLUTIONS                      |
| Booth 36 | ADS   | Booth 85 | Indus Automation Inc                             |
| Booth 37 | NS Pawliuk & Son Contracting Ltd                | Booth 86 | DWG Process Supply Ltd.                          |
| Booth 39 | John Brooks Company Limited                     | Booth 87 | DXP natpro                                       |
| Booth 40 | Airmaster signs                                 | Booth 88 | Mueller  |
| Booth 43 | Vanko, Analytical & Instrumentation Specialists | Booth 89 | ClearTech  |
| Booth 45 | N.S. Pawliuk & Son Contracting Ltd              | Booth 90 | ICONIX Waterworks                                |
| Booth 46 | USC UTILITY SUPPLY (WEST) CORP.                 | Booth 91 | Capital H2O Systems, Inc.                        |
| Booth 47 | KGS Group                                       | Booth 92 | Hydrasurvey Ltd.                                 |
| Booth 49 | IPEX  | Booth 93 | The Saskatchewan First Nations Water Association |
| Booth 50 | Emco Waterworks                                 | Booth 94 | Cambridge Brass                                  |
| Booth 51 | Terminal City Iron Works                        | Booth 95 | SaskWater  |
| Booth 52 | Badger Daylighting                              | Booth 96 | Flocor   |
| Booth 53 | Avensys Solutions                               | Booth 97 | Neptune  |
| Booth 54 | infraStruct Products and Services               | Booth 98 | Advanced Municipal Solutions                     |
| Booth 57 | AWI (Anthratch Western Inc.)                    | Booth 99 | JS Industries                                    |
| Booth 58 | Venables Machine Works Ltd                      |          |  |



**SaskOCB**  
Operator Certification Board

## Everyone deserves an education



Imagine going to a school without working toilets, or having to sit through lessons in 30°C heat without access to water, or knowing that the only water available to drink will make you sick. This was the reality for 17-year-old student Ben (pictured right) in Burkina Faso before HerWASH.

HerWASH is a four-year project in Burkina Faso, Liberia, Pakistan, and Sierra Leone that combines age-appropriate menstrual health and hygiene (MHH) education with the construction and rehabilitation of water, sanitation, and hygiene (WASH) infrastructure in schools, to advance the rights and health of students, especially girls and women.

**In Burkina Faso, 39% of schools lack access to basic water services, and 48% of schools lack functioning toilets.** Without access to these basic services, attendance decreases and performance wanes — students are forced to miss class time to collect water, and menstruating students must leave school to manage their menstruation, with some dropping out entirely.

This is why HerWASH has focused on the construction and rehabilitation of WASH facilities in schools, ensuring they meet the needs of all students. This means that they are accessible, take into considering the MHH needs of students, and that hygiene education is provided to all students to ensure the proper use of the facilities.

Through HerWASH, construction work in Burkina Faso took place in 40 schools, and included the **complete rehabilitation of 10 water access points, the rehabilitation and construction of the latrine structures in all 40 schools, and the installation of 240 handwashing stations.** Students and teachers now have access to safe, reliable sources of water, alongside accessible and private toilets.



WaterAid/ Basile Ouedraogo

**“The water helps us a lot with our studies and activities at school”**

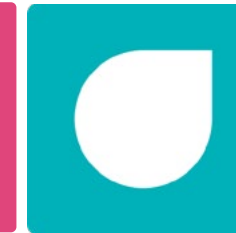
Before HerWASH, the borehole at Ben’s school rarely worked, usually only supplying dirty water. Ben shared that now, students and teachers are able to get clean water whenever they need, helping them succeed.



WaterAid is a registered Canadian Charity

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## Tanzania Deliver Life: Supporting Health Care Workers



### Project Summary

Tanzania: Deliver Life is a four-year project in the Geita and Nyang’hwale districts of Tanzania focused on improving maternal, newborn, and child health by providing access to water, sanitation, and hygiene (WASH), and nutrition services for women of reproductive age, newborns, and children under five.

### Deliver Life in Action

Prior to the Deliver Life project, the Nyamalimbe Dispensary in Geita district had limited access to water during the rainy season and had virtually no access during the dry season. The closest water point was about 5 km away. Because of this, the staff of the dispensary had to supply their own water for personal use while at work, and patients were expected to bring the water needed for their treatments. Patients who were too ill or physically unable to carry water had to buy water from the staff’s supply.

Nyaganga Juma Samuel, a 37-year-old nurse and midwife, has worked at the Nyamalimbe Dispensary for many years. When asked about her work, she said that without water, her ability to do her job has suffered and she has struggled to keep her patients healthy. With limited access to water, she could not wash her hands between patients and the patient and labour rooms could not be kept clean, putting both patients and staff at risk of infection.

To improve the conditions at the Nyamalimbe Dispensary for staff, patients, and their families, WaterAid constructed a solar powered water system, toilets, six handwashing stations, and a medical-waste disposal system.

With these improvements, Nurse Nyaganga is better able to protect herself and take care of her patients. When asked to reflect on the changes at the dispensary, she shared that:

*“My other colleagues are happier too. We are a lot more motivated. We are starting to receive more patients because of the new facilities we have, people are aware that there is water and electricity. When the project started, I didn’t believe it would be like this.”*



WaterAid/ James Kiyimba

Nurse Nyaganga poses with Susan Magoma who just gave birth for the second time at the centre. Susan shared that “This time, when I gave birth, I didn’t have to bring water with me. I have seen good changes at this dispensary.”



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**SWWA PIPELINE PROFILE:  
OPERATOR**

aubrey  
whittleton

**1. What is your name, employer company/community and current position?**

My name is Aubrey Whittleton and I am currently the Utilities Manager for the Town of Battleford.

**2. What led you into your current field?**

I was living in this community and an employment position was open. I was the successful candidate, working in utility maintenance, gradually moved up the ladder as an operator, gained all my certification and eventually was promoted into the management role that I hold currently.

**3. Tell us about some of the experiences you have had in your current role.**

I have been involved in many major projects from a Water plant upgrade to a major lagoon expansion, Communicating and working with local First Nations to provide sustainable potable water to their nearby communities and projects. I was also very involved, in partnership, with the City of North Battleford in the Husky oil spill.

**4. What advice would you give someone looking to get into the industry?**

My personal advice for someone looking to get into the industry would have to be two words. BE PREPARED! This is a very rewarding career but as we all know your day or hour can change in an instant. The more you know about your systems, processes, regulations, contacts, safety, etc. the better you will be in efficiently dealing with these anomalies.

**HELP US GET TO KNOW YOU.**

**5. What is something that you have learned that has helped you become the person you are today?**

When I first got into the industry, I had no idea what impact I would have on so many people. We often don't realize as a new employee that so many things you do on a day-to-day basis will affect ALL those people in your community. Take pride in your work and do the best you can everyday.

**6. Who would you say were the key influencers and influences in your life so far?**

Oh Boy, there have been many great people who have guided and assisted me. Of course, those experienced operators whom were here previous to my employment, Those suppliers, engineers, councillors (yes I said that lol) and CAO's who give helpful advice when it's needed But the one person who I look up and respect and owe much of my success to would be Bruce Dahl from WSA. I see Bruce as a mentor. He has always assisted me or any of my staff to make things better or to help resolve any issues. His knowledge is unmatched, and I am extremely grateful for his dedication to the industry.

**7. How do you keep a work/life balance?**

I enjoy my job, but we all need that break maybe a day, a week, whatever it may be. I enjoy most outdoor activities such as cabin life, fishing hunting, golf.

**8. What are your hopes for the future of water?**

My future hopes would be that, at the end of the day, you have provided the

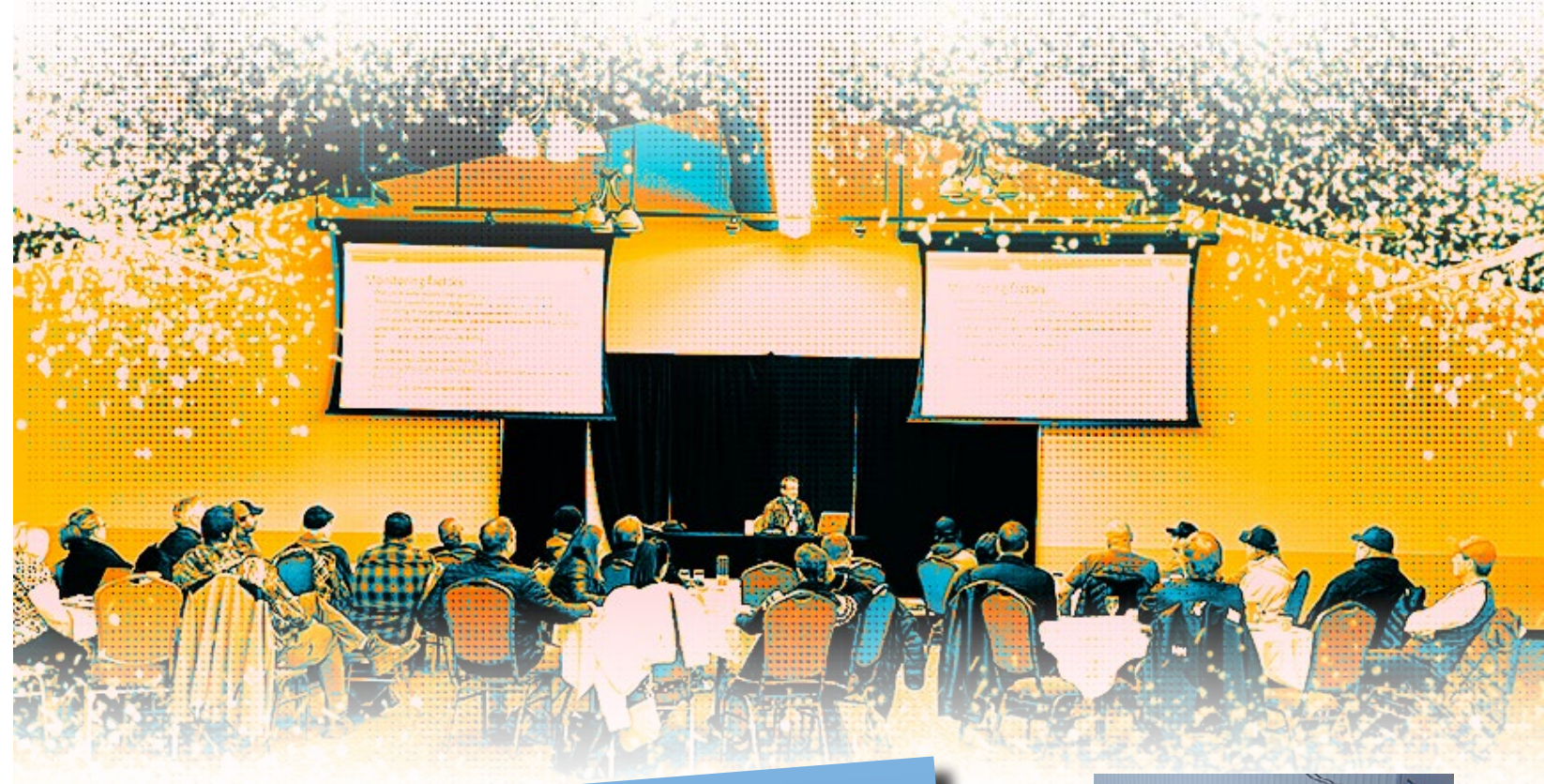
best service you could and to ensure that it is shared to the employee base I have so in time, when they advance the quality and effectiveness in the operation remains similar.

**9. What would you say has been one of the best moments of your professional life to date?**

The husky oil spill. This was a terrible incident that affected so many people, but it was a great time for me because I had the opportunity to help our neighboring community. Long story short the City of North Battleford was affected like many others, and we joined forces and came up with solutions utilizing Battlefords System to provide treated water to the City. One thought crossed my mind several times during those meetings and talks and it was "one day we might be in a situation and need help from someone else" making those ties and assisting where needed builds a stronger inclusive community. I believe.

**10. How do you make a difference in your role, what are your strengths? What do you think is the most valuable asset a person can have?**

I try to make a difference though my workers. Without those operators, administrative assistants and maintenance personnel, my job would be nonexistent. We work as a team, and I value them as much as anything. The most valuable asset, in my mind a person can have, is knowledge and the ability to apply it. We are challenged regularly in our industry and many times we need to react instantaneously. It's at those times when knowledge and quick thinking are a great tool to have.



Thank You



# golf 2023

Friday the 18th of August was a beautiful day for the annual golf tournament. The sky slightly hazy provided a welcome refuge from what would have been an extremely hot day. Though there were a few tinges of pink on some faces, there were no sunburns or windburns like previous years. The sun rolled out fully with the haze lighting just as the last team exited the course. Perfect timing!

The SWWA would like to thank all the sponsors of the Annual Golf Tournament.

- Floror
- Neptune Technologies
- Klearwater Equipment & Technologies
- Delcowater
- SaskWater
- Catterall & Wright
- Wolseley Waterworks Canada
- Venables Machine Works
- Gee Bee
- Mid Continental Pump
- Municipal Utilities
- ATAP
- Advanced Municipal Utilities (AMS)
- JS Industries
- SouthWest Paving



Thank you to Cleartech for sponsoring the beverage carts and keeping all the tournament goers hydrated. This year we had two beverage carts, Owen Green and Kirt Holowachuk on one and Lisa Bains, Dawn Dierker, and Calle Behnke on the other. After a slight hiccup, Owen and Kirt ended up fixing the tire of the one beverage cart, the race was off again to see which beverage team could keep the group hydrated best.

The moneyball sponsored by Mueller was another great success this year with 10 teams finishing with the Mueller moneyball. The winner was pulled from the hat. The winning team of Kelly Franks, Melissa Hampson, and Andy and Ruby Busse was very excited.

The tournament winning team was Travis Lenkart, Dale Heshka, Steve Kratko, Bryan Lastwika. Congratulations to the winners!

For lunch all golfers were treated to amazing double burgers that were a hit with all. The steak super sponsored by Steve Kratko of Ford Meter Box was delicious.

Stars was on site at Hole 1 selling 50/50 tickets and the event raised almost \$1500.00. Ashley and Xavier were fantastic, and we are looking forward to having Stars back for the trade show opening night on Nov. 1 to sell 50/50 tickets.

The golfers who stayed overnight were able to experience the healing waters of the mineral spa at the Manitou Beach Spa while some went for a dip in the lake. A few even took rides on a picnic table on the lake. Mike's Bar, a local hangout, provided even more laughs, conversation, and some great food.





