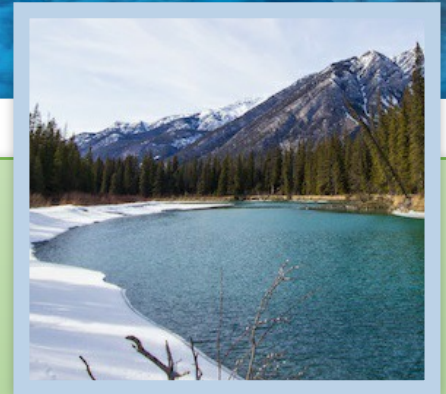


ALBERTA UTILITY OPERATOR

Spring 2023

Issue #50



We've Moved! - New AWWOA Office



The AWWOA is excited to announce we have moved into a new office space! The AWWOA office staff and Executive Board are looking forward to utilizing the new space and making it AWWOA's home for many years to come! The new address is:

11318 - 119 ST NW Edmonton, AB T5G 2X4

Please take note of the new address and update your contact listing accordingly.

P. S. The new AWWOA sign is on order and coming soon!

48th Annual Operators Seminar

Thank You!

Thank you to our delegates, speakers, sponsors, suppliers and special guests for joining us at the Annual Operators Seminar!

Thank you to our 2023 Sponsors!

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DEDICATED TO THE ESSENTIALS

To see the award recipients and new Executive Board, visit pages 3-5.

AWWOA Golf Tournament



6th Annual Golf Tournament



Join us for our 6th Annual Golf Tournament at the Whitecourt Golf and Country Club! Play a round with fellow operators and end the day with a celebration BBQ and prizes.

Event Details

Monday, June 19, 2023
Shot Gun Start: 2:00 pm

Tournament Fee: \$120.00+ GST (Member Rate)
 Includes cart, green fees, and celebration BBQ with prizes!

*Registrants can register in teams of up to 4 players at once. Teams can be a mix of members and non-members. All teams will be arranged based upon registration groupings and skill levels.

REGISTER ONLINE - AWWOA.CA



Sylvan Lake Gulls Networking Event

SAVE THE DATE!

SYLVAN LAKE GULLS GAME

Thursday July 20th

Join us for an evening of networking and fun!

Join us for a brand new networking event this summer! We invite you to join the Association for an evening of baseball to watch the Sylvan Lake Gulls on July 20, 2023.

Stay tuned to AWWOA.CA for full information and registration details.

Math Corner



David Noack

QUESTION:

Math Corner is an effort to improve operators technical skills. Your answer(s) should be correct and match those of co-workers.

Two cylinders are required to hold the same volume. One is a reservoir that is 6 m in diameter and 4 m tall. The other is a pipe that is 0.3 m in diameter.

How long must the pipe be to hold the same volume?

ANSWER:

First, calculate the volume of the reservoir.

$$V = 0.785 d^2 \times h$$

$$= 0.785 \times 6 \text{ m} \times 6 \text{ m} \times 4 \text{ m}$$

$$= 113.04 \text{ m}^3$$

If the pipe must hold the same volume with only a 0.3 diameter, we can work backwards.

$$L = V / (0.785 \times d^2)$$

$$= 113.04 \text{ m}^3 / (0.785 \times 0.3 \text{ m} \times 0.3 \text{ m})$$

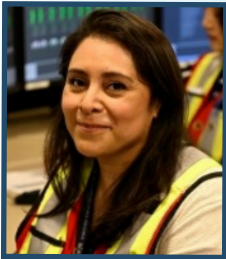
$$= 113.04 \text{ m}^3 / 0.07065 \text{ m}^2$$

$$= 1600 \text{ m or } 1.6 \text{ km}$$

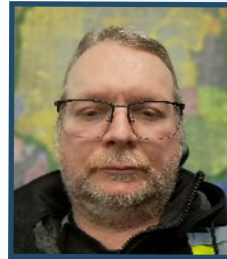
AWWOA Election Results

Meet Your New Executive

In the 2023 election, there were 9 executive positions up for nomination. These are your newly elected Directors and your 2023-24 Executive Chair.



JENNY PEREIRA
Elected
Director
Communities over 150,000
City of Calgary



PETER CRANE
Elected
Director
Communities over 150,000
EPCOR Edmonton



MARK D'AOUST
Elected
Director
Communities 25,001 to 150,000
City of Leduc



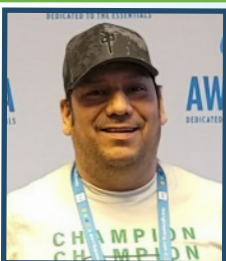
CHRIS HUSTON
Re-Elected
Director
Communities 5,001 to 25,000
City of Lacombe



NATHAN VIS
Elected
Director
Communities 5,001 to 25,000
Town of Banff



PARESH DHARIYA
Re-Elected
Director
Communities 5,001 to 25,000
Town of Devon



SHANNON GLADUE
Elected
Director
Communities 5,000 & Under
Kehewin Cree Nation



DENNIS TOMUSCHAT
Re-Elected
Director
Communities 5,000 & Under
Town of Bruderheim



WADE BELL
Elected by Acclamation
Director
Public Facilities
H2O Innovation



2023/24 Chair

MIKE BUREAU
EPCOR

2023 Seminar Highlights

Membership Awards

AWWOA membership awards are presented annually at the Operators Seminar. Congratulations to the following members for their dedication and support!



10 Year Member Awards

Adel Carew	George Muirhead	Patricia Klemchuk
Andrew Garner	Greg Saastad	Patrick Flett
Barry Sturrock	Jason Dastou	Paul Wilson
Benjamin Couturier	Jeremy Barrett	Randy Wewetzer
Bradley Jordan	Jim VanOyen	Rebecca Carroll
Brant Poyser	Jody Penner	Rick Christensen
Brennon Laboucan	Jonathan Shandro	Robert Ross
Brent Polege	Jonathan Burgess	Robert Hawriliuk
Calvin MacAhonic	Joseph Strelbisky	Rod Uganecz
Calvin Bauer	Justin DuPont	Rosaire Goudreau
Catlin Hewey	Keith Friend	Ryan Vogelgesang
Chad Rudiak	Kevin Murphy	Ryan Steffes
Colton Dockstader	Khem Aryal	Sam Sandouga
Corey Kearney	Kristy Sheremeta	Sandra Boskoyous
Craig Stenlund	Lawrence Mistaken Chief	Scott Baillie
Curtis Cawley	Leah Stables	Sean Healey
Dar Siew	Luis Rauda	Shawn Burton
Darryl Hurd	Manjot Bhullar	Sheldon Heaton
David Steeves	Marek Paszkiewicz	Steve Petricevic
David Graham	Mark Esau	Tafi Mugadza
Dawson Cooper	Matthew Gover	Tom Smithson
Derek Probst	Max Zigart	Tony Buhnai
Derek Dyck	Mazhar Iqbal	Trent Moore
Elliott Rosselle	Mike Daley	Tyler Noyes
Francis Petras	Norm Pelletier	Wesley Olstad

20 Year Awards 30 Year Awards

Blake Dykema
Brent Potter
Brian Schneider
Christine Cartier
Darren Dempsey
Dave Spragg
Dean D'Angelo
Fraser Edey
Greg Paxman
James King
Jason Schneider
Joel Grassmick
Keith Blize
Kelly McKague
Lewis Foster
Mark Morrison
Michael Fleckenstein
Michael Yakemchuk
Paul Chouinard
Randy Chmelnky
Shannon Gladue
Steve Buckland
Ted Zinnick
Terry Fisher

Carl McDonnell

Doug Haase

Glenn Fowler

Peter Moeller

Rod Schlachter

40 Year Awards

Lyle Clarke
Andrew Maguire



AWWOA Chair Sandra Kotch (right) presenting Lyle Clarke (left) with his 40 year membership award

AWWOA Awards

Every year at the Operators Seminar, AWWOA is proud to acknowledge the accomplishments of its members by recognizing them with the following awards. Congratulations to all the award recipients!

Gerald Samuel Operator of the Year Award



Congratulations to Corey Hodgson from EPCOR Kananaskis for receiving the 2022 Gerald Samuel Operator of the Year Award!

"Corey's commitment is not only to his employer but to his fellow operators and this industry as a whole. He has always been a positive role model when it comes to water and wastewater. He has mentored me since I started working with him, passing on his knowledge and tricks of the trade. He loves to teach what he knows and is patient while you learn. Since working with Corey, I feel like I am a better operator."

- Dain Perrior, EPCOR Kananaskis

2022 Gerald Samuel Operator of the Year Award Recipient, Corey Hodgson, EPCOR Kananaskis with Sandra Kotch, AWWOA Chair

Steve Blonsky Life Member Award

LORNE (KC) STONE



Steve Blonsky Life Member Award

ED SPOHR



Ron Bayne Service Award

TANYA HUNTER



AWWOA's NAIT Achievement Awards

BENJAMIN JAEGER
FALL INTAKE



ARIC CRAIG
WINTER INTAKE





The Old Operator

SHARING THROUGH MATHEMATICS



Doug Thorson

A lot of what we learn in school is based on adding, subtracting, multiplying and dividing. You might go as far as to say, your well-being has a great deal to do with mathematics, maybe even more than learning by sharing with others.

You have mastered sharing when giving brings you more joy than receiving. Sharing or enjoying something with someone else can be a gift in itself. Sharing is a foundational component of human interaction. When we voluntarily choose to give a portion of what we have to others, it is strengthening our character, improving our social ties and actually improving our well-being.

Every parent will agree that as their child grows, they must not only grow in knowledge but also in social skills. If a child develops a character that is unforgiving, selfish and easily disappointed, their fan base will be nil. Who would ever want to spend time with someone sporting such a selfish and unforgiving skill-set? Teachers spend a great deal of time mentoring their students to play competitively, learning to take turns, negotiating, coping with disappointment, and keeping friends.

The title of our article comes from my research of the small town of Hoosier, Saskatchewan by the schoolteacher Edith Yoos. The teacher was trying to get the students to understand the mathematics of sharing, in an era where sharing was the foundation of daily living; I am sure you can appreciate her effort.

The Mathematics of Sharing

- Sharing of mirth doubles a laugh.
- Sharing of burdens divides them in half.
- Sharing of love adds to good will.
- Sharing of knowledge multiplies skill.
- Sharing of bread subtracts from need,
- Making a total that's blessed indeed.

This little ditty came out of the 1920's Hoosier pioneers, who turned the prairie sod to golden acres and taught their children through the mathematics of sharing, at least that's how I see it, *The Old Operator Doug Thorson.*

Charitable Donations Update

Supporting The Water School

Greetings all. As I look outside and see that winter is finally losing its grip on us, I am excited for the year ahead.

We would like to thank our members, suppliers, and guests for your attendance at the 2023 Annual Operators Seminar.



Bert E. Miller

Thank you to everyone who participated in the charitable donation activities, the 50/50 draws and the Silent Auction! Your participation and generosity make our yearly charitable donations a success.

Our donation to the Water School this April was **\$23,940.00.**

The project that our AWWOA donations will be championing in 2023 is a 'Motorized Borehole Expansion' in Petta, Uganda. Petta, is a sub-county in Eastern Uganda that has a new motorized borehole that was recently built. It serves 2,450 people across four communities.

With AWWOA's help, the plan is to extend the reach of the borehole to help an additional 2,560 people in three more villages, which will include 1,016 students at Mbula-Machari Primary School. This 2.7 km expansion would provide 25 litres of clean water per person per day in these communities through one new public tap stand in each community and a tap stand at the school. Included in this, all 512 households in these communities will participate in Water School's flagship hygiene and sanitation training.

I would like to take this opportunity to invite you all to sign up for the upcoming Golf Tournament in Whitecourt in June where we will have fundraising opportunities with 50/50 and mulligan sales.

Thanks again for your thoughtfulness and generosity!

Bert Miller Sr.
Charitable Donations Chair

Alberta Environment & Protected Areas Update

Important Renewal Information

- Renewal window opens July 1, 2023 and will remain open until December 31, 2023. To avoid delays and possible certification inactivation, please do not wait until the last week of December to renew.
- Please make sure to check what courses you are selecting to use for your renewal. Click the *Generate Report* button (in the Training tab) to help you visualize your renewal period (21/22/23). Discipline specific training will be required.
- When renewing, a fee of \$130.00 is to be paid through your account in Compliance35 (regardless of number of disciplines). Information on how to submit your fee will be outlined in Compliance 365. Anticipate using a credit card for payment.
- If you do not renew by December 31, 2023, you will be reactivating and the fee will be \$130.00/discipline. Please make sure you renew on time.



Exams

Exam sessions occur every two months, and are 60 days in length in which Operators have the flexibility to schedule their exam any day within that window **depending on testing enter dates available.

If you miss the 60-day window once approved, you will be marked Absent and will need to apply for a Re-Examination using your Account in Compliance when ready to do so.

If you have any questions or concerns, please reach out to waterandwastewateroperatorcert@gov.ab.ca.

Reminders

- Please make sure your supervisor is correct on your profile before you apply for a renewal or certification exam.
- Submit all training and wait for it to be approved prior to submitting your renewal request.
- To avoid delays, once you submit your renewal or exam please inform your supervisor as he/she will have to log into their account and approve.

In Memoriam



Bob Vatcher

Bob Vatcher was well known to many in the AWWOA as a dedicated operator and exemplary volunteer. He passed away November 2022 in Lethbridge, Alberta at the age of 74.

Bob worked as a WTP Operator in Lethbridge for many years. Briefly, Bob was a private Water Consultant and worked with many Indigenous communities. Later, he joined Alberta Environment and worked with water treatment plants across Southern Alberta. He thoroughly enjoyed his colleagues and relished in the problem-solving around the delivery of clean drinking water. He was a longtime member of the AWWOA Board of Directors and the Association's treasurer for many years. Bob's outstanding service was recognized when he was awarded AWWOA's Ron Bayne Service Award in 1995.

Upcoming Training

AWWOA is proud to offer a variety of training in-class, online and by correspondence. We can also bring training to you! Contact us for more details.

Register online at: AWWOA.CA

May - June 2023

Wastewater Collection Systems - in Edmonton

May 4 & 5, 2023 - Cost \$460 (\$560 Non-members) - 1.2 CEU's

Emerging Options for W & WW Disinfection - in Calgary

May 10, 2023 - Cost \$350 (\$450 Non-members) - 0.6 CEU's

Climate Change Adaptation Options - in Calgary

May 11 & 12, 2023 - Cost \$460 (\$560 Non-members) - 1.2 CEU's

Water Well Operation and Maintenance - in Edmonton

May 15 & 16, 2023 - Cost \$460 (\$560 Non-members) - 1.2 CEU's

Your Wastewater Lagoon: The Ins & Outs of Design and Operation - in Calgary

May 15 & 16, 2023 - Cost \$460 (\$560 Non-members) - 1.2 CEU's

Chlorination Workshop - in Red Deer

May 17-19, 2023 - Cost \$550 (\$650 Non-members) - 2.0 CEU's

Math and Support Systems for Operators - in Calgary

May 18 & 19, 2023 - Cost \$460 (\$560 Non-members) - 1.2 CEU's

Management & Supervision for Operators - in Calgary

May 24-26, 2023 - Cost \$530 (\$630 Non-members) - 2.0 CEU's

Water Quality Sampling & Testing - in Calgary

May 29, 2023 - Cost \$350 (\$450 Non-members) - 0.6 CEU's

Water Reuse - Challenges & Opportunities - in Calgary

May 30, 2023 - Cost \$350 (\$450 Non-members) - 0.6 CEU's

Membrane Treatment of Wastewater - in Edmonton

June 1 & 2, 2023 - Cost \$460 (\$560 Non-members) - 1.2 CEU's

Connect With AWWOA

Toll free: 1-877-454-7745 Local: 780-454-7745

Email: info@awwoa.ca Website: awwoa.ca

Visit us on [Twitter](#), [Facebook](#), [LinkedIn](#), [YouTube](#)



Save the Date

June 19, 2023

Annual Golf Tournament

Whitecourt Golf & Country Club
Whitecourt, AB

July 20, 2023

Sylvan Lake Gulls Networking Event

Gulls Field
Sylvan Lake, AB

November 15-17, 2023

Water Week Conference

Double Tree by Hilton Hotel
Edmonton, AB

Online Training Courses

AWWOA offers certification preparation courses online. Work from anywhere with Internet access and manage your training for a time that works for you!

- Entry Level Training
- Small Water Systems
- Small Wastewater Systems
- Level I Certification Preparation
- Level II Water Treat. Cert Prep
- Level II Water Dist. Cert Prep
- Level II Wastewater Treat. Cert Prep
- Level II Wastewater Coll. Cert Prep
- Level III/IV Water Dist. Cert Prep
- Level III/IV Wastewater Collection Certification Preparation
- Level III/IV Wastewater Treatment Certification

PM 41796530

Alberta Water & Wastewater
Operators Association

11318 119 St NW
Edmonton, AB T5G 2X4