

SEPTEMBER 24, 2024

SASKATOON CHAPTER NEWSLETTER



2023 Board of Governors

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Communications Chair - Cailin MacPherson

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Special Events - Reg Hoffmann

Welcome to the 2024/2025 ASHRAE Year!

September: Building tour City of Saskatoon
McOrmond Drive Pump Station

October: Dinner Meeting - Distinguished
Lecturer Darryl Boyce P.Eng. "Designing for
Operational Excellence."

and Virtual Lunch Meeting - Designing for
Northern and Remote Communities

November: Lunch meeting - Alex Barnes
speaking on electrification with carbon
intense electrical grid

December: Christmas Social

January: TBD

February: TBD

March: Student Night

April: TBD

May: Annual Golf Tournament

September Kick-off Event!

McOrmond Drive Reservoir and Pump Station Tour

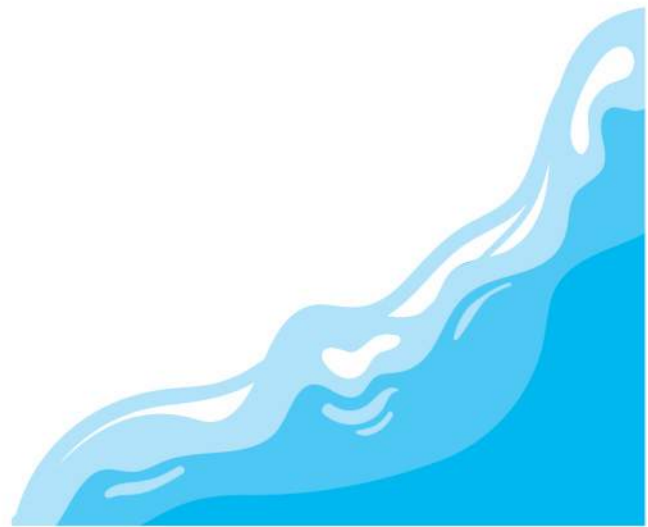


This Facility, which provides water storage and distribution for the northeast sector of the City, consists of the following:

Pump station building, including the following levels:

- Lower level - Pumps and process piping
- Main level - Loading dock, electrical/instrument rooms, and backup power generation
- Roof levels - Air handling units

Reservoir structure for water storage – Partially below grade, located behind the pump station



Hello from the BOG

Kyle Harasyn, President:

Hello all, I'm excited to say another ASHRAE year is upon us!

I am honored to be taking over the role of President for the Saskatoon chapter for the upcoming ASHRAE year, and I am looking forward to meeting those who can join us out at any of the events we have planned. Thanks to the outgoing president, Devin Storle for the work he has done as chapter president last year, and to the rest of last years Board of Governors for the work they have done with the chapter. This year we have new and returning faces on the board, with positions still open if you or someone you know has too much free time and would like to share with the local AHSRAE Chapter.

We will be opening the year on September 24th with a tour of the City of Saskatoon Pump facility on McOrmond drive. If you've any questions that could be answered by an ASRHAE meeting, or topics you would like covered, please reach out and we can direct you to AHSRAE resources or plan a chapter meeting around it.

The New Society president is M. Dennis Knight, P.E., DEMP, Fellow Life Member. Dennis' theme for the 2024-25 ASHRAE year is "Empowering Our Workforce: Building a Sustainable Future." Knight's theme aims to highlight the emergence of new technologies in the building sciences scene and how ASHRAE will play a pivotal role in ensuring that the workforce remains adaptive and forward-thinking. You can learn more about Dennis and his vision for the upcoming year here: <https://www.ashrae.org/about/leadership/ashrae-president>

Chapter scholarship - Opportunity to Travel to ASHRAE Winter Conference and get to check out; Student Activities Committee meetings, The Student Program, Technical Seminars, AHR Trade Show, and Technical Committees.



Hello from the BOG

Alex Barnes, VP and Refrigeration Chair:

Hello ASHRAE Saskatoon visitors and members! My name is Alex Barnes, and I am excited to serve as this year's Vice President and Refrigeration Chair. We have a busy year of programs lined up, designed to foster professional development, industry insights and changes, and networking opportunities. I look forward to engaging with all of you to make this a successful year. Follow our chapter on social media to stay up to date on meeting and tour opportunities.

Devin Storle, CTTC Chair:

I want to welcome everyone to a new ASHRAE year! As the CTTC chair for this year, I am excited about the upcoming learning opportunities that will help us all excel in our field.

In addition to the program events that we will be hosting, I want to take a moment to highlight some important CTTC events that you won't want to miss:

Designing for Northern and Remote Communities

We are pleased to announce that Niss Feiner will be presenting on this important topic on October 9th at 12 PM. This presentation will be held virtually over the lunch hour, and we will confirm the details soon. Stay tuned for updates!

APEGS Practicing the Professions Day

Join APEGS on October 28th at the Delta Bessborough Hotel in Saskatoon from 9:30 AM to 5 PM. The ASHRAE Saskatoon and Regina chapters will be hosting a booth at this event. The aim is to enhance awareness among APEGS members about active professional organizations in our province, advertise professional development opportunities, and share the benefits of membership in our organizations.

The Economics of Decarbonization: An HVAC Systems Case Study

We are excited to welcome our very own Alex Barnes for a presentation on the economics of decarbonization scheduled for early November. This will be a hybrid meeting, allowing for both virtual and in-person attendance during the lunch hour. More details to come.

I encourage all of you to participate in these events, as they offer valuable opportunities for learning and networking. Your involvement is what makes our chapter thrive. I can't wait to see you all at meetings, tours, and other ASHRAE events!

If you have any questions or need further information, please do not hesitate to reach out.



A P E G S

*Association of Professional Engineers
& Geoscientists of Saskatchewan*



Hello from the BOG

Jared Larson, Student Activities Chair:

This is my first term serving on the local board, and look forward to an exciting year. I was able to meet up with the current student branch advisor, Carey Simonson, early this summer who signed me up as a second student branch advisor for the USask chapter. We had a few meetings with Amirreza (president of the student branch) to plan out a few events. They have already hosted a software training event which was well attended. I had the opportunity to join the branch at the welcome week table. In the first week they have signed up 11 members sponsored by MacPherson Engineering.

Please reach out to me if anyone has children in elementary school or high school. These are great opportunities to reach classrooms and make students aware of programs, competitions, and scholarships. The best way to reach out to these students is through the students classrooms and teachers.

After attending a centralized training and meetings with the regional vice chair there are a several goals we are looking at this year. The following are a few key items:

- Start up an endowed scholarship fund (more information to follow). This will allow members to contribute to the fund with their RP donations.
- Engage the Polytech Mech Tech program further with the local chapter
- Build on engagement with the student branch events
- Work with students to work on one or more of the competitions

Upcoming items to note:

- Travel Grant application due September 30, 2024 (helps to subsidize travel to the winter conference)
- [ASHRAE scholarships](#) are available for students to apply. The deadline is Dec 1, 2024.
- 2025 ASHRAE HVAC&R Student Paper Competition: Entries are due December 2, 2024 . The winner will represent ASHRAE at the 2025 World Student Competition to be held in conjunction with the 15th REHVA World Congress CLIMA 2025, June 4th – June 6th in Milan, Italy.
- The [Student Design competition 2025](#) is open for registration, and closes May the 4th, 2025
 - The 2025 student competition focuses on a new medical office building in the heart of Manchester, England. The medical office building will consist of a three-story structure. The goal of the project is to provide local access to doctors and out-patient treatment locations.
 - The 2025 Applied engineering challenge is open. It includes the design of an innovative carbon capture and utilization module that integrates with existing HVAC&R systems. This challenge centers on the capture of locally produced carbon dioxide for repurposing as a valuable resource while enhancing the sustainability and decarbonization of HVAC&R operations.
 - 2025 Building EQ (Building Energy Quotient) Competition: Students will have the opportunity to evaluate and audit building energy consumption for buildings in operation to give the building a Building EQ score using the ASHRAE Building EQ online tools.
 - 2025 ASHRAE High School Student Competition (New last year) The High School Design Competition is for students 13-18 years of age and provides the opportunity to take the first steps in designing a building's HVAC system. This competition will expose high school students to the process that designers and engineers go through when designing building systems.



ASHRAE Society News & Events

2024 ASHRAE Decarbonization Conference: Decarbonizing Existing Tall Buildings

The 2024 ASHRAE Decarbonization Conference will be an information and idea exchange between stakeholders in the built environment industry concerning the timely and important topic of reducing carbon emissions from existing buildings in cold climates. The focus for the conference will be replicable decarbonization technical solutions for existing large and tall buildings, where the density of construction makes this sector one of the most difficult to decarbonize. The conference will highlight substantial global activities and research driving decarbonization demonstrations, and technical and financial case studies for large building solutions.

October 21-23, 2024
New York City

2025 ASHRAE Winter Conference

Get registered for the 2025 ASHRAE Winter Conference and co-sponsored AHR Expo taking place Feb. 8-12, in Orlando, Florida. Early Bird rates end October 31.

<https://www.ashrae.org/conferences/2025-winter-conference-orlando>

