

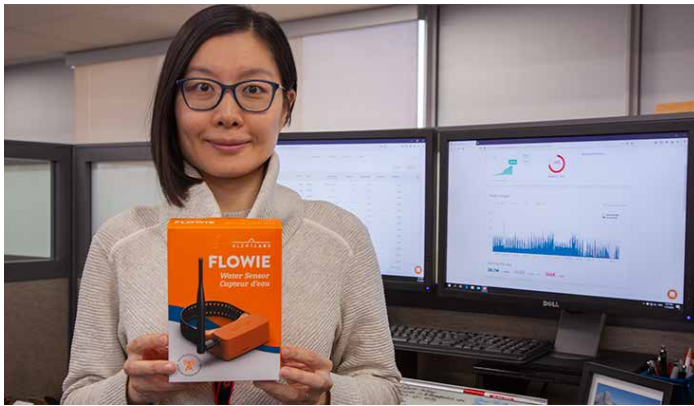


COLLEGE SAVES \$100,000 WITH AlertAQ™

Michelle Cong is a Sustainability Coordinator at Fanshawe College which every year offers programs to 43,000 students at 4 different campuses. Michelle used to read the college's water bills to find ways to save money and conserve water. The bills did not have enough information and the water costs did not go down. Then, the plumbing team installed 30 Alert Labs sensors at campus buildings. The AlertAQ water intelligence platform found savings worth more than \$100,000 a year. Fanshawe College can use these savings to help offset greenhouse gas emissions (GHGs).

“Using the AlertAQ platform is a great way to help lower GHGs and reduce utility costs. I would recommend Alert Labs solutions to any sustainability director or organization.”

- Michelle Cong, Sustainability Coordinator
Fanshawe College



AlertAQ identifies huge savings

The Fanshawe College maintenance team installed 30 water flow sensors at buildings across the campus. One of the installation sites was Building D. This building had higher than usual water bills. The minute-by-minute water use data from the AlertAQ platform showed a very high base flow for this building. The usage was high at all times during the day. The college used this data to discover savings of over \$100,000 a year.

“Alert Labs has saved Fanshawe College \$100,000 a year.”

- Michelle Cong, Sustainability Coordinator
Fanshawe College

Lowering greenhouse gas and saving water

Michelle Cong is continually exploring ways to reduce greenhouse gases (GHGs) and energy waste. She feels water consumption receives less attention than it deserves. The distribution and treatment of water need energy. Michelle looks for water inefficiencies to help reduce the college’s operating costs and offset Scope 3—indirect—GHG emissions.

“Using the AlertAQ platform is a great way to help lower GHGs and reduce utility costs. I would recommend Alert Labs solutions to any sustainability director or organization.”

- Michelle Cong, Sustainability Coordinator
Fanshawe College

Water bills not enough

The IT department at the college reviewed all of the college’s water bills. Michelle and the sustainability team used the analyses to identify savings opportunities. Michelle had charts and data that compared water costs, but there were 2 big problems with this approach.

First, the information from the water bills was old. If there was a problem such as a leak, the college wouldn’t know for months. This caused high water bills that could not be explained.

Second, the analysis of the information was a time-consuming manual process. Michelle looked for a better system.



During this period
1.24M G/HOUR AVG **1720** G/HOUR AVG

The AlertAQ water intelligence platform shows the amount of water used before and after a water cooling tower leak was fixed.

Easy-to-use dashboard

Michelle uses the AlertAQ platform to compare water usage over a variety of time periods. She can see water problems before the college receives their water bill. AlertAQ sends emails and leak alerts to her phone. The maintenance team also knows about problems such as abnormal water usage faster than they could before Alert Labs water flow sensor, Flowie, was installed.

“AlertAQ lets you know if it’s a big or small leak. It tells you how many gallons a minute are going through the pipes.”

- Jason Melville, Maintenance Plumber
Fanshawe College

Smarter asset preservation with AlertAQ

Before installing Alert Labs solutions, the college handled leaks and floods differently. Students or staff would see an overflowing toilet and tell the maintenance team. Plumbers could only fix the problems that were seen and reported. Leaks could waste water and cause damage for weeks or months before the maintenance team knew about them. The college ended up paying for high water bills and repair costs long after they fixed the leaks. Since Alert Labs solutions were installed, leak and flood response time has shrunk from weeks or months to within minutes or hours.

“You don’t have to learn a lot of extra things to use Alert Labs solutions. It’s a really simple installation.”

- Jason Melville, Maintenance Plumber
Fanshawe College



Green roof saved

Fanshawe College supports green initiatives. There are solar panels throughout the campus. The college also has a green roof to reduce energy costs and boost efficiency. AlertAQ insights helped protect it from water damage. The roof's irrigation system malfunctioned and gallons of water were gushing out. The AlertAQ platform detected the unusual water usage pattern and alerted the maintenance team. Within hours of the discovery, the irrigation leak was fixed.

“The leak on the green roof could have gone on for weeks or months if AlertAQ didn’t catch it. The damage and high water bills would have been significant.”

- Martin Smits, Maintenance Plumber
Fanshawe College

AlertAQ also sent alerts for water consumption at 4 AM when buildings are empty. This type of insight would be impossible without 24/7 water use monitoring.

Water intelligence for all businesses and organizations

Alert Labs solutions are helping not only colleges and universities. Commercial, governmental, K-12 schools, and industrial buildings throughout North America are protecting people and assets, lowering water related costs and using water more sustainably thanks to Alert Labs. Contact us today to learn how our water intelligence solutions can help.

See how we can help your educational buildings.
Go to alertlabs.com/education.