

# WCWC Pilot Testing

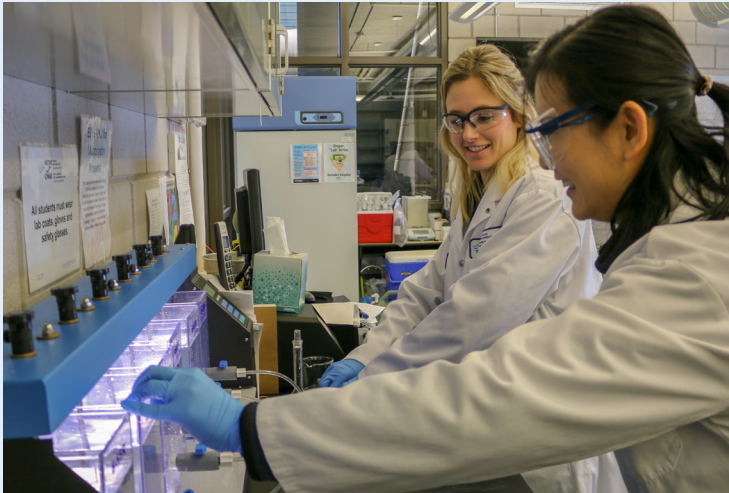
## Conventional and Dissolved Air Flotation Jar Testing

In 2018, the Walkerton Clean Water Centre (WCWC) completed a project with a First Nation community in Northern Ontario, which has been on a long-term boil water advisory since 2013. The community retained a consulting engineer to complete a feasibility study to recommend treatment solutions. WCWC tested two treatment solutions that were recommended by consultants; conventional treatment and dissolved air flotation. Jar testing was conducted using the community's source water and different coagulation chemicals in WCWC's laboratory. The water quality was monitored and results were provided to the community. The project was beneficial for

the consultant in designing the drinking water treatment system expansion.

Visit our online library at [wcwc.ca/Drinking-Water-Resource-Library](http://wcwc.ca/Drinking-Water-Resource-Library) to view the full report and other pilot testing reports and presentations.

To learn more about WCWC's pilot testing services, visit [wcwc.ca/pilottesting](http://wcwc.ca/pilottesting) or contact us at 1-866-515-0550 or [inquiry@wcwc.ca](mailto:inquiry@wcwc.ca).



Staff members perform jar testing experiments in the WCWC laboratory

Do you experience any of the following water quality issues?

- organics
- disinfection by-products
- iron and manganese
- arsenic
- taste & odour
- turbidity and more

Pilot and bench scale testing units include:

- conventional
- dissolved air flotation
- membrane filtration
- granular activated carbon
- ion exchange
- slow sand filtration
- ozone
- ultraviolet light
- advanced oxidation processes