



Pool Dehumidification Project

March 2017

Project Summary

The Pool Dehumidification project was completed in March 2017. This was a heat recovery project which will reduce the need to use the natural gas boiler plant for heating the pool.

Energy savings is estimated at **4,640 GJ/year** of natural gas and **31,200 kWh/year** of electricity; or **\$38,080/year in energy costs**. The project will reduce Greenhouse Gas emissions by 231 tonnes/year. That's a **10% reduction in the City's GHG emissions!!**

Benefits associated with this project include:

- Improved humidity control resulting in improved comfort for pool patrons and staff
- Decreased risk of building envelope failure from high humidity levels.

This project cost approximately \$465,000. The City received \$108,000 from the Ministry of Energy and Mines' Community Energy Leadership Program. The City received \$133,185 from FortisBC's Commercial Custom Design Program.



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