



Services Provided:

- ❑ Sustainability/LEED Consulting
- ❑ Energy Third Party Review

Fast Facts:

Project Type: University
Size: 6,224 m² (66,970 ft²)
Certification: LEED® Silver Certified
Construction Cost: \$12.7 million
Project Span: 2012 - 2015

Notable Achievements:

Energy Savings: 34%
Water Savings: 45%
Recycled Content: 24%
Regional Content: 32%
Waste Diversion: 82%

Owner Contact:

Mary Quintana, Compliance Coordinator and Energy & Water Projects - Facilities Management
 (519) 661-2111 x89300
Mary.quintana@uwo.ca

Architect:

Doug Oliver
 Senior Architect

Perkins + Will

Western University Centre for Public Health & Family Medicine

London, Ontario

The Western University Centre for Public Health & Family Medicine is a 6,224 m², four-storey facility that incorporates a variety of spaces for students and faculty, including classrooms, meeting and breakout rooms, administrative and faculty offices, clinical trials facilities, study areas and administrative and staff amenities. The Centre for Public Health and Family Medicine provides undergraduate and graduate students, faculty and research staff with a modern classroom and medical research facility while demonstrating the commitment of Western University to constructing environmentally conscious buildings.



The Public Health & Family Medicine building has achieved LEED® Silver Certification under the Canada Green Building Council's (CaGBC's) Leadership in Energy and Environmental Design Canada for New Construction (LEED® Canada-NC) v2009 green building rating system. Zon Engineering Inc. was brought on-board at the outset of construction to ensure that the client's goals with respect to energy efficiency and sustainability were carried out through the construction process, and guided the project through the LEED® certification process.

The project site was developed to maximize stormwater infiltration and retention through the use of bioswales, an infiltration gallery as well as a rainwater cistern that collects runoff from the roof and directs it to the building's non-potable plumbing fixtures.

The project included a wide variety of energy efficiency technologies, including:

- ❑ Air-source heat pumps (variable refrigerant flow) for heating and cooling.
- ❑ A dedicated outdoor air system with an energy recovery ventilator (ERV).
- ❑ Well insulated building envelope including high performance windows.
- ❑ High efficiency condensing natural gas water heaters.
- ❑ An energy efficient lighting design utilizing fluorescent lighting combined with daylight and occupancy sensors.