



Owner:
Department of National Defence

Architect:
ADI Limited & Moffat Kinoshita
Architects Inc. in joint venture

Our Services:

- Sustainable Design Facilitation
- Energy Efficiency Consulting
- LEED® Consulting & Certification

Status:
LEED-NC Silver Certified
Completed 2008

CFB Gagetown Training Quarters Accommodations

Military training in a sustainable environment

Oromocto, New Brunswick



PHOTO CREDIT DEFENCE CONSTRUCTION CANADA

The CFB Gagetown Training Quarters Accommodations is a 12,570 m² residential facility for military personnel. This is the first residential facility in New Brunswick to achieve LEED certification. Located on 2.5 hectares in Oromocto, New Brunswick, the CFB Gagetown site is comprised of over 17,742 m² of land that has been restored to native conditions providing continuous natural habitat to many local species of wildlife. In addition,

over 13 mature trees were saved and relocated along the front of the building.

Encouraging carpooling and bicycle use instead of single-passenger automobile travel was important to the Department of National Defence. Additionally, a commitment to using local and regional materials in construction is evident in this facility.

LEED® Project Facts

Gross Floor Area: 12572 (m²)
Energy Density: 153 (ekWh/m²)

Category	% Performance
Water Savings	
Irrigation	100 %
Indoor Use	36 %
Energy Savings	
Renewable Energy	0 %
Waste Diversion	
Salvaged Content	0 %
Recycled Content	16 %
Regional Content	26 %
FSC Wood Content	0 %
Daylighting	96 %
Views	100 %

LEED® Silver

Notable Features

- Bike storage and shower facilities as well as a comprehensive carpooling program (complete with an online message board to arrange trips) encourage alternative forms of transportation
- Rainwater cistern supplies water for toilets, reducing need for potable water
- Efficient lighting design along with occupancy sensors in corridors and storage rooms
- An energy-efficient condensing boiler for service water heating
- \$800,000 of recycled materials (for example, steel, gypsum board, plastic laminates, plywood, and glass) used in construction
- A quarter of building materials from local sources (including concrete, asphalt, and crushed rock).
- Aggressive construction waste management plan
- Operable windows and controls for individual control over lighting, ventilation, and temperature
- Green housekeeping program



34%

Energy Savings



36%

Indoor Water Savings



16%

Raw Materials Savings

