



**Owner:**  
Waterloo Regional Police Service

**Architect:**  
Rebanks Pepper  
Littlewood Architects

- Our Services:**
- Sustainable Design Facilitation
  - Energy Efficiency Consulting
  - Mechanical/Electrical Design
  - LEED® Consulting & Certification
  - Building Commissioning
  - Green Education Program Design

**Status:**  
LEED Gold Candidate  
Completed 2008

**LEED® Project Facts**

Gross Floor Area:	4148 (m <sup>2</sup> )
Energy Density:	121 (kWh/m <sup>2</sup> )
Category	% Performance
<b>Water Savings</b>	
Irrigation	100 %
Indoor Use	65 %
<b>Energy Savings</b>	
Waste Diversion	84 %
Recycled Content	31 %
Regional Content	35 %
LEED® Gold Candidate	

**Waterloo Regional Police Service Investigative Services Building**  
Laboratory designed for excellent working conditions  
Cambridge, Ontario



The Waterloo Regional Police Service Investigative Services Building demonstrates the commitment to environmental stewardship shared by the Region of Waterloo and the Waterloo Regional Police Service. The building incorporates conventional security considerations with sustainable “green” building design. This is a two-storey, 4,148 m<sup>2</sup> facility

that houses office space, meeting and interview rooms, and forensic laboratories. The facility was designed and constructed to meet many important green building objectives: minimizing the building’s ecological footprint; conserving energy, water, and material resources; and providing a healthy place to work.

**Notable Features**

- stormwater treatment unit
- rainwater cistern supplies water for toilet flushing
- low-flow plumbing fixtures
- condensing boiler and hot water heaters
- occupancy sensors control lighting
- long-term program to monitor building performance
- construction site air quality program
- indoor air quality testing
- high performance filters in all air handling equipment
- partitions, self-closing doors, and exhaust ducts in all rooms where hazardous chemicals are used
- low off-gassing materials including carpet, paints, and composite wood products
- regionally-sourced materials include structural steel, siding, gypsum board, insulation



**60%**  
Energy Savings



**65%**  
Indoor Water Savings



**31%**  
Raw Materials Savings