

# Featured Projects



## Toronto and Region Conservation Authority (TRCA) Restoration Services Centre

Vaughan, Ontario

### Background

- TRCA formed in 1957 to manage region's natural resources
- New Restoration Services Centre earned LEED Platinum certification
- Centre stands 2 stories & occupies 1095 m<sup>2</sup> (3593 ft<sup>2</sup>)
- Houses TRCA's Restoration Services and Parks & Facilities Divisions
- Designed by Montgomery Sisam Architects

### Composting Toilet Systems

- Centre uses 2 medium size composting systems with dry toilet fixtures
- Accommodate up to 60,000 uses annually
- Save up to 95,000 gallons of water annually
- Contribute to 80% reduction in potable water use

### Other Green Building Technology

- Low flow faucets & rainwater harvesting reduce water use
- Recycled concrete & reclaimed brick reduced construction waste
- Geothermal heating system & photovoltaic system limit need for fossil fuel use
- Natural daylighting & innovative ventilation system improve workplace environment



## Mountain Equipment Co-op (MEC)

Winnipeg, Manitoba

### Background

- Founded in 1971 by 6 Canadian outdoor enthusiasts
- Supplies wilderness gear & apparel to members
- Has over 2.5 million members & retail stores across Canada
- Winnipeg store (opened in 2002) achieved LEED Gold certification

### Composting Toilet Systems

- Winnipeg store uses 1 large composting system & 2 dry toilet fixtures
- Accommodates up to 40,000 uses annually
- Saves up to 63,000 gallons of water annually
- Use of composting toilet system reflects MEC's commitment to environmental leadership

### Other Green Building Technology

- Built using high percentage of recycled & reused materials
- Paints & adhesives emit no volatile organic compounds
- Energy-saving windows, insulation, & lighting make building more efficient
- Green roof provides additional cooling & insulation to further reduce energy use



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