Municipality of Clarington

Community at the Centre: Connecting Climate Action, Recreation, and Nature

Durham Greener Buildings

Description

Located at Clarington Fields in south Bowmanville, the Bowmanville Community Complex (BCC) builds on an established municipal recreation campus that already includes various sports fields, trails and supporting open space.

BCC expands the recreation campus with year-round indoor recreation, aquatics, community programming and outdoor amenities, connecting residents to active transportation, restored landscapes and the adjacent West Side Marsh.

As the first major municipal facility substantially designed under the Municipality's Sustainable and Resilient Design Standard implementation, the BCC's recreation and aquatics buildings are also pursuing Canada Green Building Council Zero Carbon Building certification pathway.

Desired Outcomes

- Support year-round programming, sport development, community events, social connection, accessibility and healthy living by bringing together various recreation spaces and natural areas.
- Co-locating these services also aims to maximize the value of existing Clarington Fields assets through shared infrastructure, accessible routes and coordinated operations, creating a flexible community destination that can evolve with future recreation needs.
- On a climatic presentative, Clarington aims to demonstrate how one major municipal investment can deliver mitigation, adaptation, resilience and natural-asset benefits together.

Progress to Date

- **BCC Phase 1**: The FIFA-sized, year-round multi-sport dome and its three-lane indoor walking track was opened to the community on October 3, 2026. The dome provides 105,787 square feet of space, full field, configurations, temperature-regulated operation, and non-infilled turf with an integrated shock pad.
- **BCC Phase 2:** Scheduled to open in 2027, the new construction will add two six-lane pools, fitness and dance studio, accessible playground, outdoor gathering areas, bicycle parking, EV charging stations etc.
- **Sustainable and Resilient Design Standard**: BCC advances sustainable design through a mix of strategies: energy monitoring, commissioning, water-efficiency measures, resilient landscaping, and stormwater controls.
- **Making Climate Action Visible**: The site brings climate action to life, showing how smart design, energy efficiency, water conservation, biodiversity, and greener transportation can work together. Interpretive signage will help visitors easily discover these sustainability features throughout the building and landscape.

Long-term Vision and Sustainability Commitment

- Support organized sport, drop-in recreation, swimming, fitness, community programming, accessible outdoor play, events, walking, active transportation, nature-based recreation, environmental learning, and stewardship.
- Establishes a model for municipal climate leadership by connecting policy, design standards, capital delivery, partnerships, operations, and performance tracking.
- Help staff compare actual performance against design expectations, identify operational improvements, and apply lessons learned to future municipal buildings.

BCC Site Plan



Phase 1 Building





20 x Level 2 EV Chargers



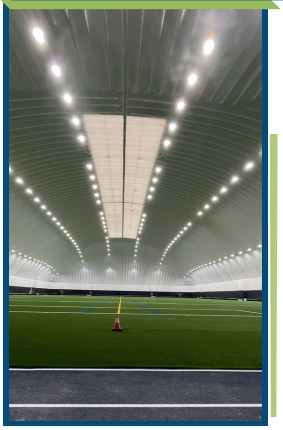
Before West Side Marsh progress made in 2026



After West Side Marsh progress made in 2026



The opened multi-sport dome and walking track



DURHAM REGION

Windfall ecology centre

Clarington