

Fact Sheet: Sustainable Construction and Operations

Tsawwassen Mills has been designed to include features and operating systems to reduce its environmental impact.

Construction and Pre-Opening

- Material (gravel, silt, sand) produced from the regularly occurring dredging of the Fraser River was used for the fill-in of the site to provide a stable building platform;
- **85%** of waste was diverted from landfill by sending material to appropriate recycling facilities for proper handling or disposal, and re-purposing excess materials when possible;
- At least **20%** of the materials used to construct Tsawwassen Mills contained recycled materials;
- Use of modern equipment (lower-carbon fuel sources and more-efficient engines) to reduce GHGs;
- Planted approximately **2,000 trees** on and around the property;

Operations

- Pre-certified LEED® Canada (Leadership in Energy and Environmental Design);
- Water usage: Efficient and innovative washroom fixtures use approximately **35% less** water than standard fixtures used in most homes. These initiatives are estimated to reduce our water consumption by about **17 million litres** per year;
- Highly efficient LED lighting throughout the property reduces our lighting energy consumption by **up to 20%**;
- The goal is to divert **80%** of all waste away from landfill through recycling, including providing organic separation containers in the Food Hall;
- The parking lot features **14** electric vehicle charging stations;
- Implemented a Green Cleaning Policy and Program to significantly reduce the use of harmful chemicals used in the cleaning of the building common areas;
- The storm water management system, which includes **72 000 ft² (6,700 m²) of rain garden** in the parking lot, diverts water from the storm system;
- Runoff water (from our parking lot or roads) leaving the property has been treated twice, capturing **80%** of total suspended solids before it's directed to the storm system.