

# Extending the Life of Hartland Landfill

## A Significant Regional Asset

Hartland Landfill is owned and operated by the Capital Regional District (CRD) and is located about 14 km northwest of Victoria. It is the only municipal solid waste disposal site in the capital region and widely recognized as a leading facility in solid waste management. The landfill is an essential part of the CRD's solid waste management system. It is operated using best practices and employs a number of control measures to prevent or reduce potential effects on groundwater, surface water and air.

Currently over 140,000 tonnes of garbage end up at Hartland every year. This is the equivalent to 92 Olympic swimming pools full of waste annually. If we continue to dispose of garbage at this rate, the landfill would be full by 2045.

The CRD is developing a new Solid Waste Management Plan and has a series of proposed strategies to reduce the amount of waste that goes to Hartland Landfill each year, including reducing, reusing and recycling as much as possible. However, even with lower volumes of

waste, the need for landfill space will continue, especially as the region's population continues to grow. We want to ensure there is enough landfill space to meet the region's needs into the future.

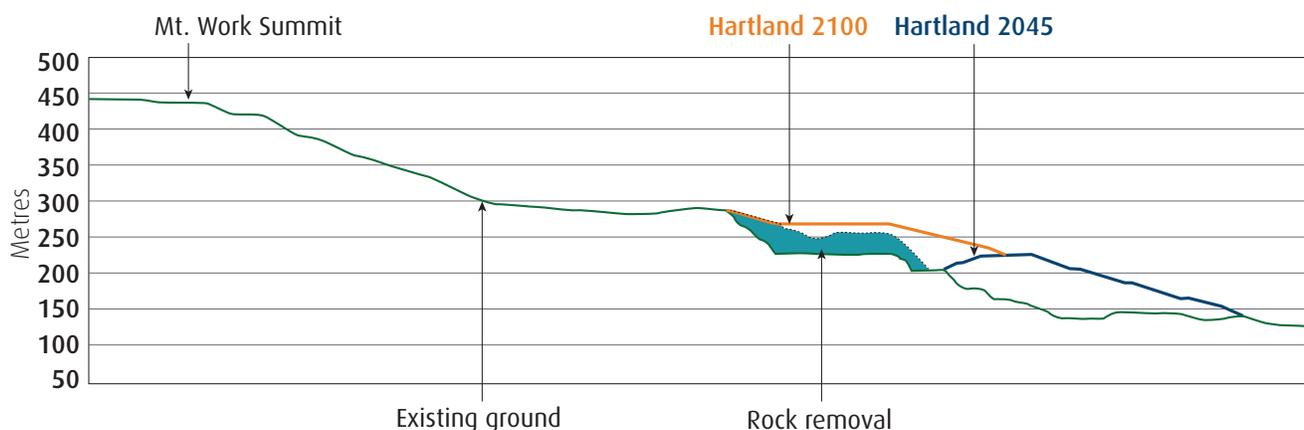
## Hartland 2100 Design Concept

Hartland 2100 is a design concept to extend the capacity of the landfill from the current 2045 design to 2100 and beyond. An approved long-term design will provide certainty on how garbage will be managed and allow time for exploring new ways of managing waste. The Hartland 2100 design concept will increase the facility's capacity by expanding the disposal area vertically and horizontally, with rock being removed to maximize landfill space.

### Rock Removal

Rock removal has been taking place at the landfill for many years, with the rock used onsite for landfill cover and road construction. Eventually, there will be more rock than can be used or stored on site, creating an opportunity to use this excess material in CRD projects around the region.

**Hartland 2100 Design Concept Profile**



## Vertical and Horizontal Expansion

The map below shows the proposed expansion (approximately 28.9 hectares) within the existing property boundary. This work needs to start now to ensure the most effective design.

## Transitioning Vehicle Access to Willis Point Road

The existing access road (Hartland Avenue) has some steep and narrow sections that are challenging for larger trucks. In the future trucks that are able to use the automated scale will be directed to use the Willis Point Road access, which provides a safer route. This is expected to move about 80–150 trucks per day from Hartland

Avenue to Willis Point Road. Smaller vehicles (about 320 per day) will still access the landfill via Hartland Avenue.

## Changes to Mountain Bike Trails

The Mount Work–Hartland area is popular with mountain bikers. Most of the trails are in Mount Work Regional Park, however a portion of trails currently cross the Hartland Landfill property, with the understanding that the land would eventually become necessary for future landfill activities (see the patterned area on the map below).

The CRD is committed to working with the mountain biking community to develop alternate trails.

Hartland 2100 Design Concept Plan Map



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### CONTACT INFORMATION

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