



The Ecowaste Landfill:

A vital link in Metro Vancouver's sustainable future

Growing volumes, shrinking capacity

The Lower Mainland is facing a waste crisis, with growing volumes of construction and demolition waste and only two regional landfills permitted to accept this waste for recycling and disposal.

Metro Vancouver reports that construction and demolition waste increased by 39% from 2010 to 2019, with 426,000 tonnes of waste disposed of in the region in 2019.

- This waste is primarily made up of wood, asphalt, building materials, rubble and plastics.
- In 2019, the Ecowaste Landfill accepted 217,000 tonnes – over 50% – of the region's construction and demolition waste.
- The remainder was either delivered to the Vancouver Landfill in Delta or to out-of-region landfills.

Any excess waste that cannot be accepted by the Ecowaste or Vancouver landfills, either now or in the future, must be shipped to central BC, southern Washington or Oregon. This results in:

- higher costs,
- increased greenhouse gas emissions from longer transportation routes,
- impacts on local jobs,
- a greater likelihood of illegal dumping, and
- lower diversion and recovery rates.

About us

Ecowaste and its predecessor companies have nearly 50 years of waste management experience in Richmond. We are in full compliance with our operating permits, have a track record of strong environmental performance, and are well respected as a responsible corporate citizen, employing a talented local team of 40 employees and 30 contractors.

Capacity constraints and new regulations could leave the region without construction waste services

In just over 10 years, without changes to the Vancouver Landfill capacity intake, Ecowaste could be the only landfill in Metro Vancouver accepting construction and demolition waste for recycling and disposal. Recognizing this challenge, we sought approval to construct new materials recovery facilities and extend our operating term by 20 years, to 2055. In 2019, Richmond City Council unanimously approved our application and forwarded it to the ALC for approval.

However, changes to provincial regulations in 2019 meant that although the ALC supported our planned recycling investments, it could not approve an operating extension beyond 2035 given the new types of prohibited fill on ALR land.

Our landfill can only continue to provide waste recycling and disposal services if the Ministry of Agriculture amends the ALR Use Regulation so that commercial landfills already authorized to accept waste are exempt from the new rules.

Building on valued partnerships to reach net-zero waste goals

Ecowaste's recycling, waste diversion and landfill services align with Metro Vancouver's and the City of Richmond's ambitious sustainability goals of maximizing recycling and material recovery, recovering energy from the waste stream after recycling, and responsibly disposing of waste.

Since 2018, we've invested \$15 million in our operations to significantly increase concrete and wood waste recycling. We want to continue making these important investments, particularly given the region's landfill capacity constraints and the increased volumes of waste that will therefore come to our site. To ensure we don't run out of capacity, we may also seek to increase the vertical limits on our site to help support the region's growing needs.

Approval of our request to amend the ALR Use Regulations and increase our vertical limit will:

- enable us to invest in new materials recovery facilities, which could result in a 10% improvement in the region's diversion and recycling performance



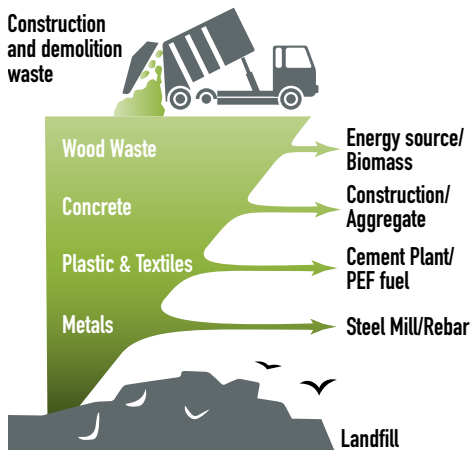
In 2019, we recycled 30% of the material received at our landfill.

- support local employment
- reduce carbon emissions associated with shipping waste out of the region
- give the City of Richmond and Metro Vancouver time to plan ahead on addressing the region's long-term waste crisis and the eventual need to replace the Ecowaste Landfill.

We can't address this issue on our own and are looking for the support of government stakeholders that include the BC Ministry of Environment; the Ministry of Agriculture, Food and Fisheries; the ALC; the City of Richmond; Metro Vancouver Solid Waste Services; and Climate Change Strategy.



If the Ecowaste or Vancouver landfills reach capacity, construction and disposal waste will need to be shipped out of Metro Vancouver to central BC or the US.



Up to 80% more construction and disposal waste could be diverted from our landfill if we are able to make our planned investment in a material recovery facility.

Learn more

Please visit ecowaste.com to read more about Ecowaste's operations and the benefits of amending the ALR Use Regulation and extending the landfill's vertical limits.

More questions? Our CEO, Tom Land, is happy to speak with you about our vision to help keep our community a forward-thinking sustainability leader.

Recycle, Repurpose, Sustain

ECOWASTE