



Bylaw 12279 – Amendment to Solid Waste Regulation Bylaw No. 10106

Utility Services | October 18, 2021

Agenda

- ▶ Overview
- ▶ Landfill Update
- ▶ This current amendment
- ▶ Future Initiatives

Landfill Updates

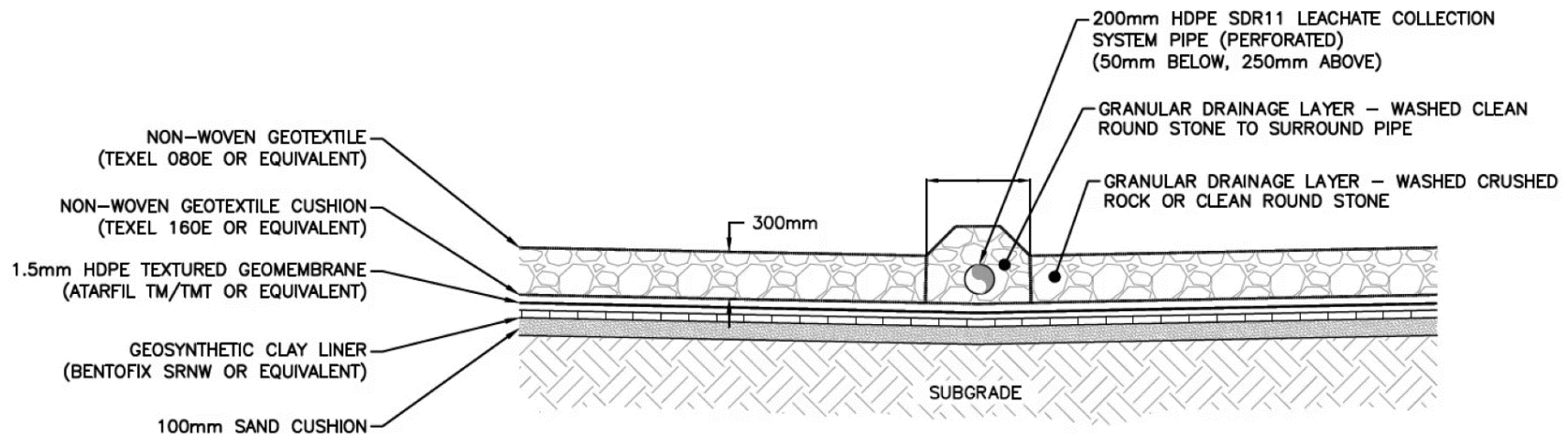
- ▶ Completed construction of Mechanic Shop/Landfill Operations Building
- ▶ Additional phases scheduled for future years



Landfill Updates

- ▶ Worked with Fleet to procure a hybrid bulldozer and air separator
- ▶ Installed landfill specific GPS systems to increase site efficiency
- ▶ Completed installation of a nuisance monitoring system (staff training underway)
- ▶ Constructed almost 50,000 m² of liner in 2 phases over 2019 and 2020

Landfill Updates



Rate Adjustments

- ▶ Reflects current Solid Waste Financial Model
 - ▶ 2021 rate adjustment for selected materials
 - ▶ Shingles
 - ▶ Biosolids composted
 - ▶ Tires
 - ▶ Mattresses
 - ▶ Joined the Major Appliances Recycling Roundtable (MARR)



This Amendment

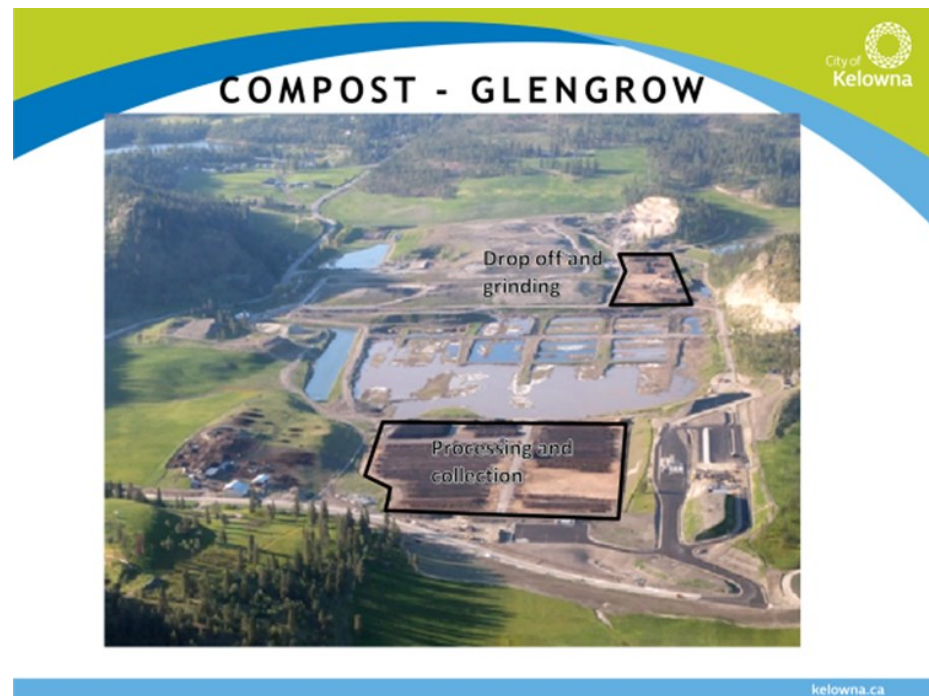
- ▶ Adding clause to allow for enforcement of wildlife interactions
- ▶ Garbage Tipping Fees
 - ▶ There was no 2021 increase to the garbage tipping fees
 - ▶ Proposed rate increase of \$2 per tonne effective 2022 and 2023
 - ▶ No change to the minimum charge
 - ▶ No impact to the residential tax rate by this rate change

Future Initiatives

- ▶ Schedule completion of a landfill liabilities to the City
- ▶ Examples of liabilities include:
 - ▶ Increased road wear and maintenance
 - ▶ Litter picking on public roads
 - ▶ Lower property tax revenues due to limitations on development
 - ▶ Nuisance on adjacent properties

Future Initiatives

- ▶ Working with the Province to update the landfill Operational Certificate (permit)
- ▶ Selection of technology RFP and earthworks for composting Aerated Static Pile system
- ▶ similar system used for biosolids composting



Future Initiatives

- ▶ Work with Real Estate, Building Services and Regional District on building deconstruction
 - ▶ Evaluate the feasibility and requirements to deconstruct building instead of demolish
 - ▶ Determine costs and potential jobs
 - ▶ Evaluate additional waste management needs and reach out to service industries/private sector
 - ▶ Divert valuable materials to recovery instead of disposal



Questions?

For more information, visit kelowna.ca.