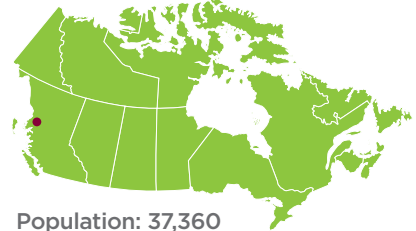




**Regional District of
Kitimat-Stikine, BC**



Population: 37,360
Project duration:
1995–2017

**WASTE: TERRACE AREA INTEGRATED SOLID WASTE
MANAGEMENT PROGRAM**

This guide is designed to help municipal staff and decision makers understand how excellent sustainability projects are developed, and help them adopt best practices in their community. Read the guide to learn more about award-winning strategies, then use the guiding questions to kick-start your sustainability initiative.

PROJECT OVERVIEW

- The Regional District of Kitimat-Stikine built the Forceman Ridge Waste Management Facility and the Thornhill Transfer Station, and implemented curbside collection to manage and optimize solid waste diversion from the landfill.
- This project, the Terrace Area Integrated Solid Waste Management Program, integrates infrastructure, services, programs, bylaws and policies.
- The facility includes areas for organics composting, recycling and solid waste management and has the capability to service area residents for over 100 years.
- The Regional District built support for the project by consulting extensively with stakeholders and including measures to stimulate the local economy.

How does this initiative benefit the environment?

- In the first nine months of operation, the program diverted 532 tonnes of paper and packaging, and 100 per cent of sewage sludge from landfill. The longer-term goal is to **divert 50 per cent** of organics and recyclables within two years of the facility's operation.
- An orchard has been planted on site, and once the trees are mature they will help **remediate effluent** from the facility.

How does this initiative benefit the community?

- **Curbside collection improves access** to waste diversion for all residents.
- Waste diversion will **extend the life of the landfill**, which improves the infrastructure cost recovery for the project.

How does this initiative benefit the local economy?

- **Local contractors successfully bid on 83 per cent of the construction** spending and an ongoing \$1.1 million annual operations contract.
- The project created **long-term employment opportunities in the community**.
- The recycling program aligns with Recycle BC standards and is therefore eligible for future external funding.
- The project is recognized as a greenhouse gas offset project and can generate revenue through the provincial carbon market.

What are some of the successes of this project?

- **Extensive collaboration/consultation** with neighbouring communities, community interest groups, contractors, citizens and provincial authorities helped generate support for the project.
- The Regional District tender process included training and shadowing for the successful bidder in order to **increase local expertise** and to allow local contractors to apply.
- The solid waste management program is **easily transferable to similar projects** within the municipality, which eases the burden on staff for future initiatives.

Want to implement innovative waste management in your community?

To get started, answer these questions:

What are the waste stream challenges in your community?

Name one to three changes that you would like to see in waste management in your community. What would be an economic, environmental and social benefit of each change?

1. _____

2. _____

3. _____

Name three stakeholders that you would need to consult before making changes to waste management in your community. For each stakeholder, list:

- What they could gain from changes to waste management.

- What their concerns might be.

- What conditions they might want to impose.
