



building communities together

2020 Business Plan Rural Refuse (1008)

Tera Grady, Supervisor of Solid Waste Management

Working in partnership with communities large and small to offer local, sub-regional, and regional services to ensure that the Cariboo Chilcotin is a socially, economically, and environmentally desirable region.

Department/Function Services

The function provides solid waste management services in the entire rural area of the Cariboo Regional District and the District of 100 Mile House. Cariboo Regional District services provided are in keeping with the Regional District's Solid Waste Management Plan.

Historical Capital Projects

Project	2016	2017	2018	2019
Likely Landfill Expansion	\$16,000	\$6,000	\$6,000	
Recycling Depots: Horsefly & Nimpo	\$13,528			
Gibraltar Landfill Berm Construction			\$460,000	
Lone Butte Transfer Station Upgrade			\$61,727	
Recycling Depots: McLeese & Tatla				\$16,000
Gibraltar Landfill Phase 3B Liner				\$915,000

Taxation is collected by way of assessment on land and improvements. The level of taxation is regulated by overall costs provided in the Solid Waste Management Plan.

Facilities consist of 33 refuse sites including 18 transfer stations and 15 landfills.

Transfer Stations: Central Cariboo Transfer Station (CCTS) in Williams Lake, Wildwood, Frost Creek, Horsefly, 150 Mile House, McLeese Lake, Chimney Lake, Riske Creek, Alexis Creek, Eagle Creek, Forest Grove, Lone Butte, Lac La Hache, Cottonwood, Baker Creek, Wells, Alexandria and Titetown.

Landfills: Gibraltar, CCTS (inert material only), South Cariboo (100 Mile House), Nazko, Big Lake, Likely, Mahood Lake, Interlakes, Watch Lake, Cochin, Kleena Kleene, Puntzi Lake, Tatla Lake, Nemiah Valley and West Chilcotin.

All Electoral Area Directors and representatives from the District of 100 Mile House and the District of Wells are responsible for the governance of this service.

The Cariboo Regional District is a signatory on the Province of BC/UBCM Climate Action Charter and has committed to continuing work towards carbon neutrality in respect of corporate operations.

Business Plan Goals, Objectives & Strategies

2020 Goals

- 1. Goal:** Work to transition the Quesnel Recycle BC recycling depot to a CRD depot.
Rationale: Currently the depot is run by a private operator, but the CRD and City of Quesnel fully fund the operation. The CRD would contract out the operation, but would hold the collection contract with Recycle BC, and receive all incentives for the collected materials. CRD residents are the primary users of the site, and the CRD already operates 13 other recycling depots.
Strategy: Work with Recycle BC to sign a contract for collection of recyclables in Quesnel early in 2020. Once completed, issue an RFP for the operation of the recycling depot starting in June of 2020, when the current private contract ends.
- 2. Goal:** Upgrade the access road into the Interlakes landfill.
Rationale: The state of the current road makes it difficult to navigate. Shade from adjacent trees inhibits drying in the spring, there are no ditches to allow for drying, aggregate has been placed year after year, but very little improvement in the road surface has resulted.
Strategy: Apply for CWF to improve the access, issue an RFP in 2020 for the work.
- 3. Goal:** Initiate replacement of aged out Transtor waste tipper bins at several transfer stations.
Rationale: All ten Transtor tipper bins have reached the end of their expected 20 years of use. A three-year replacement schedule will allow for phased replacement.
Strategy: Apply for CWF for replacement bins. Initiate procurement process and start replacement in 2020.
- 4. Goal:** Update the Development Operations and Closure Plan (DOCP) for the 100 Mile House Landfill.
Rationale: DOCPs are required every five years. The 100 Mile House site's last one was completed in 2015.
Strategy: Apply for CWF and issue RFP.

Overall Financial Impact

At the time of drafting this business plan the changes to requisition were not known.

Capital reserves for the South Cariboo Landfill will remain allocated to the site, and will total \$955,781 at the end of 2019. The remaining capital reserves of \$2,654,623 (less \$915,000 for the 2019 Gibraltar Phase 3B expansion) are allocated to the Gibraltar landfill

expansion and progressive closure activities as well as any capital work required at any of the other landfills in the region. A capital reserve plan has been developed and is represented in the financial plan to ensure the long-term development, replacement and reclamation of solid waste facilities.

Measuring Previous Years Performance

1. **Goal:** Complete Landfill Criteria Conformance Reviews for all 14 rural refuse landfills.
- Completed
2. **Goal:** Complete waste audits.
- Completed

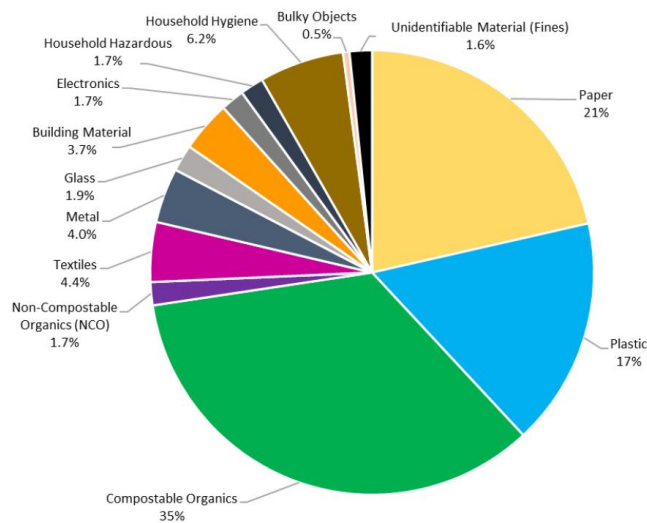


Figure E-1: Waste Composition for All Sectors Combined

3. **Goal:** Continue to meet and work with the City of Williams Lake to discuss the following solid waste items:
 - a. Landfill Use Agreement for the Central Cariboo Transfer Station (CCTS) and Gibraltar Landfill.
- In Progress.
 - b. Capture and/or re-direction of Frizzi Road storm water entering the landfill at CCTS.
- In Progress.
4. **Goal:** Work with the City of Quesnel to determine if the operation of an Eco Depot in Quesnel is feasible. The Eco Depot would require funding from both local governments.
- In Progress. The City of Quesnel is in the process of having the landfill and recycling services reviewed by a qualified professional.



5. **Goal:** Explore options to increase recycling opportunities at rural transfer stations.
- In Progress, two “Satellite” depots were established in 2019.



6. **Goal:** Merge Rural Refuse and South Cariboo Solid Waste functions into one function.
- Completed
7. **Goal:** Complete Phase 3B liner installation at Gibraltar Landfill.
- In Progress, October weather has delayed completion.