



PEACE RIVER REGIONAL DISTRICT Solid Waste Committee Meeting Minutes

DATE: March 5, 2020

PLACE: Regional District offices, Dawson Creek, BC

PRESENT: Director Rose, Electoral Area 'E' – Committee Chair
Director Goodings, Electoral Area 'B' – via teleconference
Alternate Director Deck, District of Chetwynd
Director Bumstead, City of Dawson Creek
Director Sperling, Electoral Area 'C' - ex officio

Staff
Shawn Dahlen, Chief Administrative Officer
Paulo Eichelberger, General Manager of Environmental Services
Suzanne Garrett, Corporate Services Coordinator

1) Call to Order The meeting was called to order at 10:05 am

ADOPTION OF THE AGENDA:

2) Adoption of the Agenda MOVED by Director Bumstead, SECONDED by Alternate Director Deck, that the Solid Waste Committee agenda for the March 5, 2020 meeting, including additional items for the agenda, be adopted as amended:

Call to Order

Notice of New Business

Adoption of the Agenda

Minutes

M-1 Solid Waste Committee Meeting Minutes of February 6, 2020

Business Arising from the Minutes

Correspondence

Reports

R-1 February 20, 2020 – Paulo Eichelberger, GM Environmental Services – Landfill Gas overview in the PRRD.

R-2 February 20, 2020 - Paulo Eichelberger, GM Environmental Services – Single Use Plastics Offset Strategy.

R-3 February 20, 2020 – Paulo Eichelberger, GM Environmental Services – ICI Tonnages and Tipping fees at Regional District landfills.

Items for Information

I-1 Solid Waste Committee Terms of Reference

Adjournment

CARRIED.

MINUTES:

3) M-1 SWC Mtg Min. of Feb 6, 2020 MOVED by Director Bumstead, SECONDED by Alternate Director Deck, That the Solid Waste Committee Meeting Minutes of February 6, 2020 be adopted.

CARRIED.

REPORTS:

4) R-1 re: Landfill Gas Overview MOVED by Director Goodings, SECONDED by Director Bumstead, That the February 20, 2020 report entitled Landfill Gas Overview in the Peace River Regional District be received for discussion.

CARRIED.

At the January 7, 2020 meeting the Committee resolved that staff prepare an information report providing a full overview to reduce landfill gas at the North Peace Regional Landfill. The report discusses Landfill Gas provincial regulations and describes different options for managing landfill gas at Regional District landfills.

4) R-1
(continued)

The impact of shifting waste from the North Peace Regional Landfill to Bessborough and the resulting effect on landfill gas management can be summed up as follows:

- Diverting all waste from Bessborough will cut off increased methane production from introduction of fresh waste at the North Peace Regional Landfill. However, the LFG system at North Peace will have to operate for a minimum of 10 years until methane production drops below 500 tonnes/yr (estimated operating cost of \$100,000/year).
- Shifting all diverted waste from North Peace to Bessborough will accelerate the need to install a facility at Bessborough by 31 years to 2025 (2026 with organics diversion).
- Lifespan of the Bessborough landfill will shorten by almost 44 years.
- The cost of trucking waste from North Peace to Bessborough will far exceed the reduction to LFG operational costs at NPRLF, approximately \$7,000,000 per year.

5) R-2 re:
Single Use Plastics

MOVED by Director Bumstead, SECONDED by Director Goodings,
That the February 20, 2020 report entitled Single-Use Plastics Offset Strategy be received for discussion.

CARRIED.

Single-use plastics constitutes more than 40% of the plastic stream from the market in British Columbia. As a means to reduce these materials from entering the landfill, an offset strategy has been developed. The intention of the strategy is to tie plastics recycled in the PRRD to a multi-use product used by its residents within the region, as a means of reducing single-use items. The current scope is to use multi-use bags or totes that are made from 100% recycled plastics to show a circular economy, and help prevent further single-use plastics from entering the landfills and reducing the overall impact to the environment.

The strategy involves having the Regional District work with local businesses to partner for the purchase of the multi-use bags or totes. The benefit to the partners is that they will receive affordable advertisement and a portion of the bags purchased for their customers.

MOVED by Director Bumstead, SECONDED by Alternate Director Deck,
That the Solid Waste Committee recommends to the Regional Board that in an effort to reduce the amount of single-use plastics coming into the waste stream, the Regional District seeks partners from within the region through a Request for Interest (RFI) to contribute to 100% of the purchase costs of multi-use bags or totes to be split evenly amongst the partners, in exchange for their branding/logo to be printed on the bags or totes.

CARRIED.

6) R-3 re:
ICI Tonnages

MOVED by Director Bumstead, SECONDED by Alternate Director Deck,
That the February 20, 2020 report entitled ICI Tonnages and Tipping Fees at PRRD Landfills be received for discussion.

CARRIED.

At the January 7, 2020 meeting the Committee recommended that staff prepare an information report outlining possible impacts to increasing disposal fees for Industrial-Commercial-Institutional (ICI) waste. The Regional Board approved this recommendation on February 27, 2020.

ICI waste received at the Bessborough, Chetwynd, and North Peace Regional Landfills makes up approximately 75%. In 2018 a Waste Composition Study (WCS) was conducted that provided an analysis of what is being taken to the landfills. Waste generated from the ICI sectors comes from a variety of sources which include, but are not limited to, commercial haulers, restaurants, hotels, businesses, schools, work camp waste, light industrial facilities, hospitals etc.

Through the WCS, ICI waste was analyzed between three different categories: ICI Non-Work Camp, ICI Work Camp Waste, and Construction and Demolition (C&D) Wastes. Waste originating from ICI Work Camps generally resembled the composition of waste that would be generated by a single family home.

6) R-3 re:
ICI Tonnages
(continued)

A large portion of compostable organics, paper, and plastics were found within ICI Work Camp waste. ICI non-work camp waste contained more building materials within their loads. Furthermore, waste generated C&D sector was mainly composed of building material (asphalt and wood products).

To recover costs:

Opportunity 1 – increase all ICI fees by the same increment

Opportunity 2 – increase ICI fees, keeping separated/divertable material at the same current rate and increase the remaining rates significantly.

It was noted that soils brought into landfills are accepted free of charge. Soils are used at landfill sites as cover material, road works, etc. Revenue could be generated by charging a disposal fee for this material. The generator pays for soil testing to meet guidelines and ensure soils are not contaminated.

MOVED by Director Bumstead, SECONDED by Alternate Director Deck,
That the Solid Waste Committee recommends to the Regional Board that Industrial-Commercial-Institutional disposal fees be increased by 1% plus Consumer Price Index to a total of 3.3%; and further that disposal fees for clean fill soils be charged at \$5.00 per tonne for 2020.

CARRIED.

It was suggested that an “escalator” be built into the fees bylaw to provide the ability to increase fees without having to make an amendment to the bylaw.

7) Committee
Report

MOVED by Director Goodings, SECONDED by Alternate Director Deck,
That the recommendations from the Solid Waste Committee meeting of March 5, 2020 be recommended to the Regional Board for approval.

CARRIED.

The Chair adjourned the meeting at 11:30 a.m.

Director Rose,
Chair – Solid Waste Committee

Suzanne Garrett,
Corporate Services Coordinator