



**PEACE RIVER REGIONAL DISTRICT
Solid Waste Committee**

for the meeting to be held on **May 9, 2017**
at the Regional District offices, 1981 Alaska Avenue, Dawson Creek, BC
commencing at 9:30 am

Chair: Director Dan Rose
Vice-Chair: Director Lori Ackerman

1. **Call to Order:**

2. **Notice of New Business:**

3. **Adoption of the Agenda:**

4. **Adoption of the Minutes:**

M-1 Solid Waste Committee Meeting Minutes of April 6, 2017

5. **Business Arising from the Minutes:**

6. **Delegation:**

11:00 D-1 Peter Schriber, Pacific Natural Gas regarding use of landfill gas from the North Peace Regional Landfill.

7. **Reports**

R-1 May 2, 2017 report regarding Bessborough Landfill – Phase 1 Closure Design Project.

R-2 May 2, 2017 report regarding North Peace Regional Landfill design project

R-3 May 1, 2017 report regarding summary and review of solid waste agreements with municipalities.

8. **New Business:**

NB-1 For discussion – replacing East Pine, Groundbirch, Progress and Fellers Heights unattended rural transfer stations with 2 attended sites.

NB-2 Review the Regional Solid Waste Management Plan (Sections 1 to 5)

April 6, 2017 – left off at Section 4, page 14

Handout NB-3 Waiving Disposal fees for volunteer groups – roadside litter cleanup

9. **Items for Information:**

I-1 Basecamp Follow-up list – Solid Waste Committee

10. **Adjournment:**



**PEACE RIVER REGIONAL DISTRICT
Solid Waste Committee Meeting Minutes**

DATE: Thursday, April 6, 2017

PLACE: Regional District offices, Dawson Creek, BC

PRESENT: Director Dan Rose, Electoral Area 'E' – Committee Chair
Director Karen Goodings, Electoral Area 'B'
Alternate Director Mel Deck, District of Chetwynd
PRRD Chair Brad Sperling, ex officio

Staff

Paulo Eichelberger, General Manager of Environmental Services
Phillip Kovacs, Manager of Solid Waste Services
Loryn Day, Solid Waste Coordinator
Kim Frech, Chief Financial Officer
Suzanne Garrett, Corporate Services Coordinator

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

NOTICE OF NEW BUSINESS:

Director Goodings Upper Halfway transfer station

ADOPTION OF THE AGENDA:

2) Adoption of the Agenda MOVED by Director Goodings, SECONDED by Alternate Director Deck, that the Solid Waste Committee agenda for the April 6, 2017 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 March 2, 2017

Business Arising from the Minutes

Reports

R-1 Review – (a) South and (b) North Peace Waste Haul

R-2 Review – Waste Transfer Station Operation and Haul

New Business

NB-1 Update – transition to new recycling contractor

NB-2 Update – status on securing land for future transfer stations locations

NB-3 Discuss direct award of transfer station design and construction quality assurance (CQA)

NB-4 Review of Regional Solid Waste Management Plan (Sections 1 to 5)

Items for Information

I-1 site maps - proposed transfer station locations in Lone Prairie, Lebel, and Doig/Milligan/Osborn.

Adjournment

CARRIED.

MINUTES:

3) M-1 Mar 2, SWC Mtg Min. MOVED by Alternate Director Deck, SECONDED by Director Goodings, That the Solid Waste Committee meeting minutes of March 2, 2017 be adopted.

CARRIED.

May 9, 2017

BUSINESS ARISING FROM THE MINUTES:

- 4) Item #5
Worker camp
- It was suggested that a follow-up visit to the BC Hydro worker camp take place. Need to ensure that recyclable material is not being taken to the landfill. Target tonnages for recycling, what is the level of contamination? It was noted that a “surprise” waste audit could be arranged to determine what these loads are comprised of.

REPORTS:

- 5) R-1
draft
SP & NP
Waste Haul
- MOVED by Director Goodings, SECONDED by Alternate Director Deck, that the South and North Peace Waste Haul tender be approved, with the following amendments:
- include wording in tender indicating a 2 year term with option to renew;
 - include wording that tender submission must provide detailed explanation of contingency plans to ensure there is no disruption to services being provided
 - fuel adjustment – include an additional clause that fuel rate adjustments will be based on actual fuel invoices submitted (using commercial cardlock volumes) for that month.

CARRIED.

MOVED by Director Goodings, SECONDED by Alternate Director Deck, That the Solid Waste Committee recommends to the Regional Board that the tender documents for the “South Peace Rural Refuse Collection and Transfer Station Services” and “North Peace Rural Refuse Collection and Transfer Station Services” be approved and publicly tendered.

CARRIED.

- 6) R-2
draft
WTS Ops and
Haulage
- MOVED by Alternate Director Deck, SECONDED by Director Sperling, that the Waste Transfer Station Operation and Haulage tender, be approved, with the following amendments:
- Intent to Submit page – include list of transfer station sites that proponent can check off which sites will be tendered on;
 - Scope of Work 1.4 (k) “error reference source not found” - update
 - include wording that tender submission must provide a detailed contingency plan with respect to staffing shortages (due to illness, etc.) to ensure there are no service disruptions at transfer stations
 - fuel adjustment – contractor to supply monthly fuel bills is included in the contract – include an additional clause that fuel rate adjustments will be based on actual fuel invoices submitted (using commercial cardlock volumes) for that month.

CARRIED.

MOVED by Director Goodings, SECONDED by Alternate Director Deck, That the Solid Waste Committee recommends to the Regional Board that tender documents for the “Waste Transfer Station Operation and Haulage” be approved and publicly tendered.

CARRIED.

ITEMS FOR INFORMATION:

- 7) NB-2 and
I1 new TS
- Committee members reviewed site maps for new transfer stations to be situated in Lone Prairie, Lebel and Doig/Milligan/Osborn. Lone Prairie – staff will forward site maps to Sukunka area residents requesting feedback on the acceptability of the proposed Tier 2 transfer station as residents will have to drive a few kilometres out of their way to access the site.

Items for Information (continued)

- 7) NB-2 & I1 Doig/Milligan/Osborn – proposed site has hydro and access, appraisal and survey to be completed prior to purchase of property.

MOVED by Director Goodings, SECONDED by Director Sperling,
That the Solid Waste Committee recommends to the Regional Board that staff be authorized to conduct a property appraisal and survey on a portion of the land legally described as Section 34, Township 87, Range 17, W6M. PRD except the most westerly 80 ft in parallel width, in the Doig/Milligan/Osborn area, for the purpose of siting a Tier 2 transfer station.

CARRIED.

Lebel Subdivision, prior to the meeting Director Hiebert approved the proposed Tier 2 transfer station location for the Lebel area. Committee members confirmed their approval of the site.

NEW BUSINESS:

- 8) NB-1 Staff provided an update on the transition process to the new recycling contractor.
Recycling

- 9) Recess The meeting recessed at 11:50 am

- 10) Reconvene The meeting reconvened at 12:40 pm

- 11) NB-3 Using the same consultant for the design of transfer stations will reduce costs
TS design as drawings and technical specifications have been used for other sites. Some adjustments would be taken into account as each site has different specific requirements. Site supervision would be done by the same consultant to ensure specification conditions are being adhered to. It was noted that design improvements would be factored in, i.e. lighting being too bright, avoiding elevated platforms, requiring stair access, etc, Construction of the stations would be publicly tendered. It is anticipated that site preparations, land purchase and/or lease will take place in 2018, construction would commence in 2019.

MOVED by Director Sperling, SECONDED by Director Goodings,
That staff bring this item back for Committee review in 2018.

CARRIED.

- 12) NB-5 Concern has been expressed that service at the Upper Halfway Transfer Station
UHalfway TS has been deficient, not open or attendant is late. Members were advised that the contractor, Tervita, is monitoring the situation. Director Goodings requested that staff followup with the complainant to advise that the situation is being addressed.

- 13) NB-4 Committee members reviewed the Regional Solid Waste Management Plan:
RSWMP
Review
- recycling – not everyone participating (convenience stores, multi-residential), costs for separated versus mixed loads are not high enough to encourage recycling
 - recycling fees would be passed onto consumer by convenience store, as these fees would need to be recouped
 - multi-residential – building managers are willing to implement recycling, however “head office” is not, need a policy or bylaw. Will need to provide options for the public to dispose of items.
 - to foster cooperation, request municipalities to implement a policy or bylaw to encourage waste diversion within their boundaries (part of the solution)

13) NB-4
(continued)

- bylaw would stipulate that recycling bins will be on site
- all Regional District can do is regulate tipping fees, increase tipping fees for mixed loads to promote separation/recycling
- Page iv – pilot projects – waste oil and agriculture plastics (wrap and twine), staff are in the process of obtaining more information.

MOVED by Director Sperling, SECONDED by Alternate Director Deck,
That the Solid Waste Committee recommends to the Regional Board that the Solid Waste Plan Monitoring Advisory Committee Terms of Reference “Scheduled Meetings” be amended to enable the Committee to meet on a more frequent basis.
CARRIED.

- Phase 2 – focus on tipping fee increases for Institutional / Commercial and Industrial (ICI) sectors
- Pg vi – develop Solid Waste Management Plan report – staff working on
- Pg 9, 3.1.3 – equal levels of access, not same in rural areas. Thirty two PL6 bin sites down to 24 sites – convenience has been lost, should be consistent. Construction of Tier 1 and 2 sites are very expensive, are there other models? Residents are renting their own bins and paying for the convenience.

MOVED by Director Goodings, SECONDED by Alternate Director Deck,
That the Solid Waste Committee recommends to the Regional Board that bulky waste bins be provided in rural areas for spring clean-up, for a two week period, May 15 to May 28, 2017.

CARRIED.

- inequality, same taxes no matter where you live, i.e. recycling – have to drive further than municipal residents for basic service. Rural residents have to sort everything, return is less.
- goals – alter methodology, does it need to be there? How do you evaluate it when you cannot define it. Triple bottom line – important to keep.

Left off at Section 4

14) 2017 Meeting Schedule May 4; June 1; July 6; August 3; **September 7 (same day as Board meeting);**
October 5; November 2; and December 7.

15) Committee Report MOVED by Alternate Director Deck, SECONDED by Director Goodings,
That the recommendations from the Solid Waste Committee meeting of April 6, 2017 be recommended to the Regional Board for approval.
CARRIED.

14) Adjournment The Chair adjourned the meeting at 2:50 pm

Suzanne Garrett

From: Peter Schriber <pschriber@png.ca>
Sent: March-07-17 10:50 AM
To: Phillip Kovacs
Cc: Paulo Eichelberger; Suzanne Garrett; Loryn Day
Subject: RE: PRRD SWC Meeting April 2017: Questions To Consider

Hi Phillip,

Yes, it was good to meet and I appreciate the two of you coming to FSJ to accommodate me. Thanks for the list of questions, they are basically what I expected them to be but don't have all of the answers yet. We will need to work together to come up with some of the answers to build the business case so we can present it to the committee at the appropriate time. Here are my responses below in red to the best of my ability with the information I have on the subject.

Peter Schriber | Mgr Bus Dev & Stakeholder Relations
 2550 - 1066 W. Hastings St. | Vancouver, BC | V6E 3X2
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 Email: pschriber@png.ca



From: Phillip Kovacs [mailto:Phillip.Kovacs@prrd.bc.ca]
Sent: Monday, March 6, 2017 9:34 AM
To: Peter Schriber
Cc: Paulo Eichelberger; Suzanne Garrett; Loryn Day
Subject: PRRD SWC Meeting April 2017: Questions To Consider

EXTERNAL EMAIL: Use caution when opening links, attachments or if prompted to enter User IDs or Passwords!

Hello Peter,

It was good to meet with you last Wednesday to discuss the utilization of the landfill gas (LFG) at North Peace Regional Landfill (NPRL). As indicated earlier, the Peace River Regional District (PRRD) Solid Waste Committee (SWC) is very interested in talking to you about the beneficial use of NPRL LFG at the meeting next month. In particular, the following questions were raised by the SWC at the meeting last week....

- Who will be responsible for the cost of the infrastructure to pretreat LFG to the desired quality – PRRD or Pacific Northern Gas (PNG)?

TBD, I have been working with the Province on an order in council that would allow utility investment in these assets by the utility. It didn't make the last agenda list for cabinet but I am told it will be re-introduced at a later date. The main equipment we would be interested in is the upgrading unit required to bring the biomethane up to pipeline quality.

- Would PNG consider providing funding to offset some of the costs incurred by PRRD for the beneficial use of the LFG?

The province is introducing legislation that will put a renewable portfolio allowance in place that enables utilities to buy renewable natural gas on a long term basis. That could then support financing a project.

- Is it viable to sell the LFG to PNG?

Its looking like we will eventually be required to buy up to 5% of our gas from renewable sources so yes.

- What is the time frame for pay back on the initial investment for LFG pretreatment infrastructure?

TBD by the cost of equipment so still unknown.

- Will the PRRD be able to recover costs for initial investment in LFG pretreatment infrastructure?

TBD.

- What is the cost for market ready natural gas?

Landfill gas is some of the cheapest to produce or buy. Anywhere from \$3 per GJ to \$10.

- What is the requirement from the Ministry of Environment (MoE) if any, on the PRRD for LFG management and utilization?

The Province right now says voluntary up to 5%. The Feds just released a discussion paper suggesting up to 10%.

- Why is the PNG interested in pursuing the beneficial use of LFG from NPRL?

To fulfill our expected requirements in the future we are looking at all options.

- What does PNG need before accepting NPRL LFG?

To start the gas analysis and volume scenarios. I plan to visit some Fortis facilities around April and speak to their technology providers. We would have to build a financial model and analyze the rate impacts to our customers etc. I am also considering other options such customer choice to allow customers to voluntarily purchase some RNG and or consider RNG CNG for vehicles down the road.

The next meeting of the Solid Waste Committee is April 6, 2017 from 10 am to 3 pm. Please contact Suzanne Garrett, Corporate Services Coordinator to arrange a delegation time.

Regards,

Phillip Kovacs, M.Sc., M.Eng., P.E., CESCL | Manager of Solid Waste Services

Direct: 250-784-3236 | Cell: 250-219-0621 | phillip.kovacs@prrd.bc.ca

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PEACE RIVER REGIONAL DISTRICT



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Message From: Peter Schriber (pschriber@png.ca)



Peace River Regional District REPORT

To: Solid Waste Committee

Date: May 2, 2017

From: Phil Kovacs, Solid Waste Manager

Subject: Direct Assignment of Bessborough Landfill – Phase 1 Closure Design Project

RECOMMENDATION:

That the Solid Waste Committee recommends to the Regional Board for approval that the scope of work under Contract No. 04-2015 with GHD be increased to include the design, preparation of construction documents, tender services, contract administration, and construction oversight for the closure of Bessborough Landfill - Phase 1 cell.

Rationale/Background:

In 2015 the Regional District entered into an agreement with GHD (2015/2016 Design and Contract Administration Services for Bessborough Landfill Contract No. 04-2015) to provide design, contract administration, and construction oversight services for the closure of Bessborough Landfill – Phase 2 cell and construction of the new Phase 3 cell. At that time, landfill operations were being conducted in the Phase 2 cell and the cell was nearing capacity.

Later that year, it was determined that the available airspace in the Phase 1 cell was significant to allow for additional solid waste disposal for another 3 years. The airspace in Phase 1 was created by landfill settlement due in part to poor compaction of the solid waste by the previous contractor. Landfill operations shifted to the Phase 1 cell and the closure of Phase 2 cell/construction of Phase 3 cell was postponed to 2018.

The Phase 1 cell is expected to be filled by next year and will require closure within a year after it is filled in accordance with Section 7.2 of the Ministry of Environment (MoE) document, *Landfill Criteria for Municipal Solid Waste*. Environmental Services staff feel that adding the closure of Phase 1 cell to the scope of work for the consultant that is performing the design and construction services for the closure of Phase 2/construction of Phase 3 Environmental Services would be a benefit to the Regional District.

OPTIONS: None

STRATEGIC PLAN RELEVANCE: Environmental Services – Operations

FINANCIAL CONSIDERATION(S): Within the Regional Solid Waste Management budget

COMMUNICATIONS CONSIDERATION(S): None

Staff Initials: PEK

Dept. Head:

PA Liddelberg

CAO:

OTHER CONSIDERATION(S):

None.



Peace River Regional District REPORT

To: Solid Waste Committee

Date: May 2, 2017

From: Phil Kovacs, Solid Waste Manager

Subject: Direct Assignment of NPRL Design Project

RECOMMENDATION:

That the Solid Waste Committee recommends to the Regional Board for approval that the update of the landfill gas (LFG) Master Plan for North Peace Regional Landfill (NPRL) be directly awarded to GHD.

Rationale/Background:

Conestoga-Rovers Associates (now d.b.a. as GHD) prepared a LFG Master Plan (Plan) for the NPRL in 2014 that provided a conceptual outline for the development of the gas collection and control system (GCCS) over the life of the landfill. Environmental Services staff recently reviewed the Plan and determined that the Plan needed to be updated to be reflective of current landfill conditions and to assist staff with future planning for development of the GCCS.

Rather than going through the procurement process, it is the opinion of the Environmental Services staff that directly awarding this design project to GHD would be a benefit to the Regional District. The reasons being for this are as follows:

- Staff would like to have one consultant be involved with NPRL GCCS design
- GHD prepared the original LFG Master Plan
- GHD currently provides operations and maintenance (O&M) oversight for the GCCS
- The cost estimates provided by GHD during the procurement process have historically been competitive

OPTIONS:

None

STRATEGIC PLAN RELEVANCE:

Environmental Services – Operations

FINANCIAL CONSIDERATION(S):

Within the Regional Solid Waste Management budget

COMMUNICATIONS CONSIDERATION(S):

None

OTHER CONSIDERATION(S):

None.

Staff Initials:

PEK

Dept. Head:

PA Liddelberg

CAO:



REPORT

To: Solid Waste Committee

Date: May 1, 2017

From: Loryn Day, Solid Waste Committee

Subject: Background Summary and Review of Solid Waste Agreements with Municipalities

RECOMMENDATION(S):

To be received for information

BACKGROUND:

As per the following Board Recommendations

R-11 February 15, 2017 - Paulo Eichelberger, General Manager of Environmental Services – Recommendations from the February 7, 2017 Solid Waste Committee Meeting	<u>SOLID WASTE AGREEMENTS (Recommendation No. 3)</u> RD/17/02/30 (23) MOVED Director Nichols, SECONDED Director Stewart, a) That the Regional Board renew its solid waste agreements with its municipal partners; and b) That staff be authorized to review all of the solid waste agreements with respect to fairness, consistency, level of same service and how these agreements meet the parameters/criteria established in the Regional Solid Waste Management Plan.
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CARRIED.

And

R-11 February 15, 2017 - Paulo Eichelberger, General Manager of Environmental Services – Recommendations from the February 7, 2017 Solid Waste Committee Meeting	<u>TUMBLER RIDGE TRANSFER STATION (Recommendation No. 1)</u> RD/17/02/28 (23) MOVED Director Goodings, SECONDED Director Rose, That staff be authorized to prepare a report, for the April Solid Waste Committee meeting, providing background summary and review of current waste and recycling arrangements at the Tumbler Ridge Transfer Station, said report to identify operational efficiencies for the development of consistent region-wide delivery of services.
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CARRIED.

This report is intended to provide the Solid Waste Committee with a background summary and review of the current waste/ recycling operations and solid waste agreements with Dawson Creek, Hudson's Hope, Pouce Coupe, Taylor, and Tumbler Ridge.

Part A: Solid Waste Agreements

In the 1990's it was mandated by the Ministry of Environment (MoE) that more responsibility and oversight was required for landfill management to ensure operations were environmentally compliant. To streamline and promote increased environmental compliance, the PRRD reached out to the Regional

District municipalities (the City of Dawson Creek, Village of Pouce Coupe, District of Tumbler, the District of Hudson's Hope, and the District of Taylor) and offered to assume responsibility for their landfills, which all agreed to.

Another part of the mandate from the MoE was to reduce the number of small landfills within the province with a few large landfills that would service the Regional District. The PRRD closed 28 small landfills throughout the Regional District, including the individual municipal landfills. Only three landfills remain within the Regional District (Bessborough, Chetwynd, and North Peace).

The PRRD Administration entered into agreements with these affected municipalities to provide compensation for the additional transport distance for solid waste that was caused by the closure of the municipal landfill. The closure of the small former municipal landfills required waste to be redirected to one of the three remaining landfills and resulted in increased haulage distances ranging from 19km to 96km. The PRRD established agreements to compensate the municipalities for the extra costs due to the increased distance are summarized in Table A.

The City of Dawson Creek, Village of Pouce Coupe, and District of Taylor municipalities had a curbside collection program in place for residential garbage. Therefore the PRRD entered into agreements with those municipalities to compensate for the additional haulage costs.

Transfer Stations were created at the municipalities of Tumbler Ridge and Hudson's Hope. Residents could either drop off household waste or the material collected curbside could be deposited within the transfer bins. Since the transfer stations were an additional expense, the PRRD made arrangements to cover the cost of an attendant to ensure compliance with the materials accepted at the transfer stations. Further, it was agreed that the PRRD would cover the haulage costs of the household waste collected at these sites, while all bulky wastes would remain the responsibility of the municipalities who manage these waste streams separately.

At the Tumbler Ridge and Hudson's Hope transfer stations residents do not pay waste disposal fees. The rationale being that the two municipalities would pay for solid waste disposal at the Chetwynd Landfill through tipping fees that are charged back to the respective municipality. This is the same practice utilized for the Dawson Creek, Pouce Coupe, and Taylor municipalities. Once residential curbside solid waste is hauled to either Bessborough or North Peace the associated tipping fees are charged back to the municipality. This concept is applied as well for the City of Fort St. John and District of Chetwynd.

In comparison, rural residents do not pay municipal taxes for the collection of garbage and instead take their waste to a Tier 1 or Tier 2 Transfer Station and pay tipping fees there. As for the haulage of the waste from the manned transfer station to the landfill, the PRRD covers the cost through the Waste Transfer Station Operation and Haulage Contract. For those rural residents that are still being serviced by unattended transfer stations, the PRRD covers the transport cost through the PL6 Haulage Contract.

Part B: Recycling Agreements – District of Tumbler Ridge

Prior to the Multi-Material British Columbia (MMBC) program being established in the Tumbler Ridge Transfer Station, residential recyclable material was collected through recycling drop-off centers located throughout the town. Material from the recycling drop-off centers were then collected by Tumbler Ridge staff and taken to the transfer station located at 103 Ridge Road to be processed and baled. The baled material was then transported to the Regional Recycler (Eco-Depot at the time) in Fort St. John for

further processing and marketing. Tumbler Ridge received revenue on this material and the PRRD paid for the processing of this material. In 2014 the PRRD paid \$52,377.09 to the Regional Recycler for processing of the recycling material generated from Tumbler Ridge.

When the PRRD originally signed on to the MMBC program, the Tumbler Ridge Transfer Station was included on the list of MMBC depots. The rationale being that the cost for solid waste transport to the landfill was covered by the PRRD and that the implementation of the MMBC recycling program at Tumbler Ridge would further promote waste reduction in accordance with the guidelines of the SWMP.

The benefits gained from including the Tumbler Ridge recycling operations under the MMBC program are:

- Recycling operations would be simplified as paper/cardboard/boxboard (ie. Fibres) can be commingled together and hard plastics/foil containers (ie. Containers) can be commingled together
- Reduction in time spent by staff sorting recyclable materials

In September 2015, the District of Tumbler Ridge and the PRRD entered into an understanding that the Tumbler Ridge Transfer Station would become a MMBC depot because the PRRD pays the cost for the attendant and haulage of solid waste at that transfer station. Prior to this, Tumbler Ridge maintained a separate agreement with the Regional District Recycling Contractor for processing of the recyclables generated at the transfer station.

This program was set up so that the PRRD would pass on the incentive fees (revenue rates) received from MMBC on to Tumbler Ridge and PRRD would pay the processing costs for Industrial, Commercial & Institutional (IC&I) recyclable material. The MMBC incentive fees are paid to Tumbler Ridge in lieu of the loss of revenue that the Regional Recycler used to provide to Tumbler Ridge for marketing of the recyclables.

The MMBC program targets residential recyclable material and therefore IC&I materials are not covered under this program. In the case of Tumbler Ridge it was not economically feasible or practical for the segregation of this material due to the relatively small amount of recycling tonnage and operational constraint (lack of space).

MMBC provides the option for a depot to include IC&I recyclable material along with the residential material if it is difficult for a depot to segregate the two materials due to operational constraints. The depot can designate the combined material to contain both residential and IC&I recyclable material up to a maximum IC&I content of 25% by weight. This designation is applied equally across all the material. Since the cost for the processing of IC&I recycling material generated within the Regional District is covered by the PRRD, it was only fair that this practice be continued at Tumbler Ridge. The additional fee for processing of the IC&I material in the Tumbler Ridge recycling material mixture is covered by the PRRD and more economical than if IC&I recyclable material was segregated and processed by the Regional Recycling Contractor (an estimated annual cost savings of \$10,000 - \$30,000).

This recycling agreement is very efficient for not only the PRRD but Tumbler Ridge as well for the following reasons:

- There are net savings to the PRRD for subsidizing the IC&I rates under the MMBC program rather than paying the processing rates under the Regional Recycling Contract

-
- Recycling options have increased for Tumbler Ridge and has resulted in an increase in waste diversion.
 - Recycling is covered and subsidized by a Provincial Stewardship program, which is in line with the SWMP guiding principle of encouraging more provincial stewardship programs.

OPTIONS:

N/A

STRATEGIC PLAN RELEVANCE:

Solid Waste Operations/Solid Waste Management Plan, Sections 3.1.3, 5.1, 5.2.4

FINANCIAL CONSIDERATION(S):

Municipal subsidy (budgeted):

- Dawson Creek - \$23,000
- Pouce Coupe - \$1,500
- Taylor - \$12,500

Contractor Service Costs (budgeted):

- Hudson's Hope TS waste hauling contract - \$70,000
- Tumbler Ridge TS waste hauling contract- \$105,000
- Hudson's Hope TS attendant services - \$57,000
- Tumbler Ridge TS attendant services - \$100,000

COMMUNICATIONS CONSIDERATION(S):

N/A

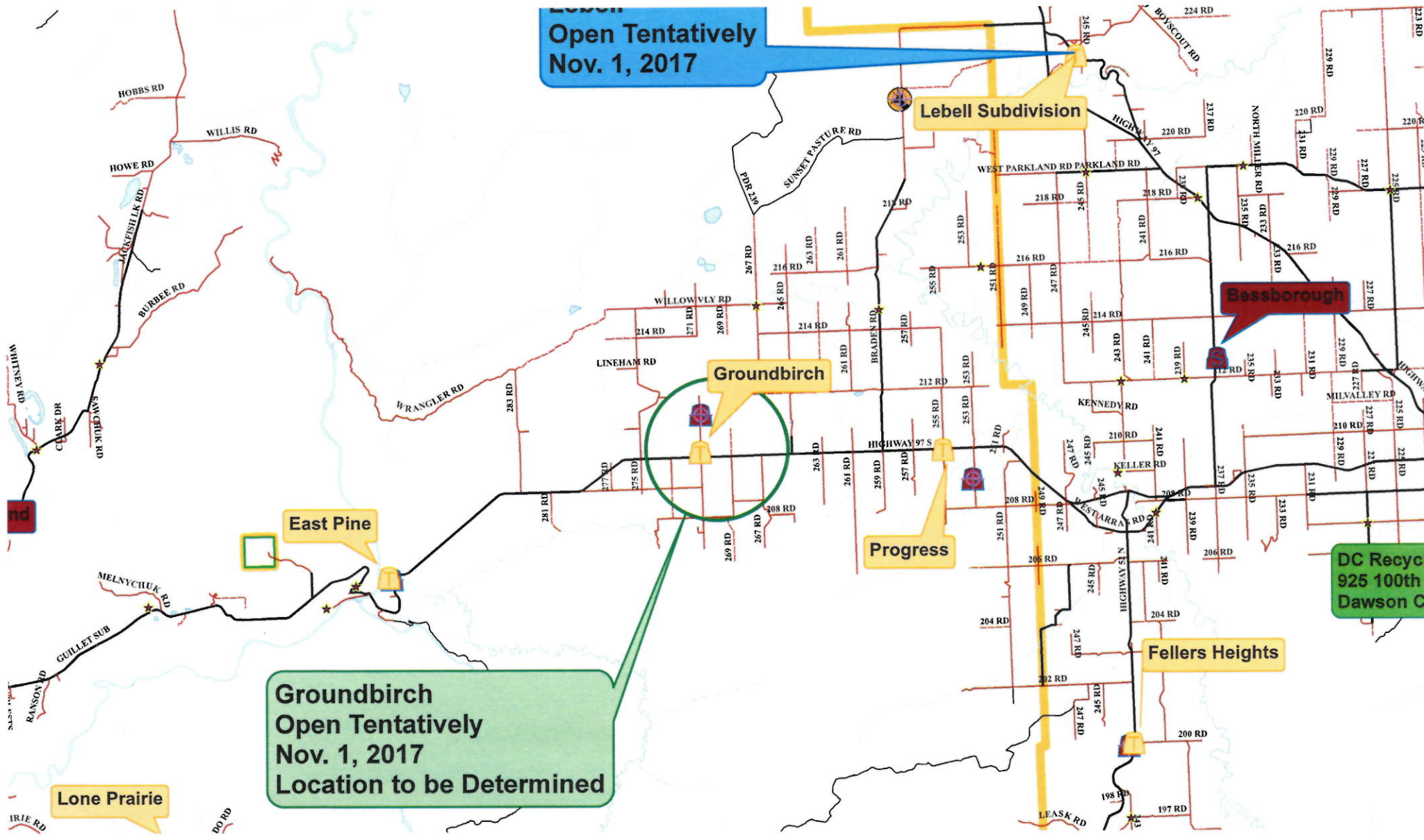
OTHER CONSIDERATION(S):

Attachments:

Table A: PRRD and Municipal Agreement Summary

Municipality	Approximate Distance to Closest Remaining Landfill	Form of Collection	PRRD Agreement	Municipality Fees	Residential Fees
Taylor	24km to North Peace	<i>Prior:</i> Municipal Curbside to Dawson Creek Landfill <i>Now:</i> Municipal Curbside Collection to North Peace Landfill	Taylor compensated for increased haulage	Pays tipping fees for curbside garbage; Pays for a portion of the curbside haulage	Residents pay municipal taxes
Dawson Creek	19km to Bessborough	<i>Prior:</i> Municipal Curbside to Dawson Creek Landfill <i>Now:</i> Municipal Curbside Collection to Bessborough Landfill	Dawson Creek compensated for increased haulage	Pays tipping fees for curbside garbage; Pays for a portion of the curbside haulage	Residents pay municipal taxes
Pouce Coupe	31km to Bessborough	<i>Prior:</i> Municipal Curbside to Dawson Creek Landfill <i>Now:</i> Municipal Curbside Collection to Bessborough Landfill	Pouce Coupe compensated for increased haulage	Pays tipping fees for curbside garbage; Pays for a portion of the curbside haulage	Residents pay municipal taxes
Tumbler Ridge	96km to Chetwynd	<i>Prior:</i> Residential Drop off to the	Pay haulage of waste from transfer station;	Pays tipping fees at the landfill of the	Residents pay municipal taxes

		Tumbler Ridge Landfill <i>Now:</i> Residential Drop off to the Tumbler Ridge Transfer Station; waste from the Transfer Station is then Hauled to Chetwynd Landfill	Pay for attendant at transfer station	material collected at the landfill	
Hudson's Hope	66km to Chetwynd	<i>Prior:</i> Residential Drop off to the Hudson's Hope Landfill <i>Now:</i> Residential Drop off to the Hudson's Hope Transfer Station; waste from the Transfer Station is then Hauled to Chetwynd Landfill	Pay haulage of waste from transfer station; Pay for attendant at transfer station	Pays tipping fees at the landfill of the material collected at the landfill	Residents pay municipal taxes



NB-3

Handout

Suzanne Garrett

From: Phillip Kovacs
Sent: May-05-17 9:09 AM
To: Bhatoa, Mandeep Paul; Loryn Day
Cc: Suzanne Garrett
Subject: FW: Roadside Litter Cleanup Waste: Waiving Disposal Fees For Volunteer Groups

FYI....

From: Phillip Kovacs
Sent: Friday, May 05, 2017 9:07 AM
To: Director Karen Goodings <karen.goodings@prrd.bc.ca>
Cc: Paulo Eichelberger <Paulo.Eichelberger@prrd.bc.ca>; Chris Cvik <Chris.Cvik@prrd.bc.ca>; Director Dan Rose <dan.rose@prrd.bc.ca>
Subject: Roadside Litter Cleanup Waste: Waiving Disposal Fees For Volunteer Groups

Director Goodings,

The Peace River Regional District (PRRD) will visit the topic of waiving disposal fees for volunteer organizations performing roadside cleanup within the North Peace area of the Regional District. This topic will be an addition to the agenda for discussion this Tuesday at the Solid Waste Committee (SWC) meeting. At the very minimum, there would be advance requirements imposed on the nature of the roadside cleanup material to prevent hazardous waste and other restricted material from being mistakenly disposed at the transfer station(s).

At the request of the PRRD, the attendant for the Prespatou Transfer Station (TS) was questioned about the incident regarding the rejection of bags of roadside litter brought in by the volunteer group. The Prespatou TS attendant has not rejected any bags of garbage brought to the TS in the last several months and any such related waste brought to the Prespatou TS in the future would certainly be accepted. The PRRD currently waives disposal fees at the landfills up to \$550 for Cariboo Road Services (CRS) and Yellowhead Road & Bridge (YRB) for any roadside cleanup waste generated during May 1 through June 30 in the Regional District.

Regards,

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PEACE RIVER REGIONAL DISTRICT



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From: Karen Goodings [<mailto:kgooding@pris.bc.ca>]
Sent: Thursday, May 04, 2017 2:40 PM
To: Paulo Eichelberger <Paulo.Eichelberger@prrd.bc.ca>; Phillip Kovacs <Phillip.Kovacs@prrd.bc.ca>; Chris Cvik <Chris.Cvik@prrd.bc.ca>

Cc: Director Dan Rose <Dan.Rose@prrd.bc.ca>

Subject: Group of local residents cleaning up the mess left behind by others

//energeticcity.ca/2017/05/group-local-residents-cleaning-mess-left-behind-others/

Hi, I have been asked if there is any way that we could assist these people with the cleanup that they are doing by allowing them to take this to the landfill either with coupons or as free dumping. This group is planning on cleaning up the Beaton Valley this Sunday. As you will recall we have just had a COW on this topic and I would really like to encourage these people to keep up the good work and not penalize them by then charging them for their volunteer work.

At the meeting in Prespatou last evening I was approached by a resident who has his 4 H Club picking garbage in the ditches and when he arrived at the Tier one Prespatou transfer station was told he needed to take the bags of garbage to the North Peace Landfill. He says they have no problem paying the fee but he will not haul the bags all the way to either Rose Prairie or FSJ. I would like to know if this information is correct and if it is WHY would it be that way?

May 9, 2017

Energeticcity

Group of local residents cleaning up the mess left behind by others

[May 2, 2017](#) [Jessica Fedigan](#) [News 0](#)

NB-3 Handout



Photo: Devynn Wiebe

A group of local citizens led by Devynn Wiebe are working together to keep the community clean

FORT ST. JOHN, B.C. – Devynn Wiebe is a new mother but that doesn't stop her from giving back to her community to help keep city sites clean.

"I'm a new mom and I used to be quite active equipment operating etc and I just had my baby seven months ago. It's kind of boring for me, hanging around and the cabin fever in the house all the time, I've networked with a bunch of people through common interests."

Wiebe says she has created a few groups and has received close to 400 people supporting her ideas.

"It's actually grown pretty fast. We've already had a couple of meets where we have talked about the town and what we would like to do and what we can to stay busy and I didn't think it would actually come to getting out and volunteering for something but I've met some really awesome people that do some great things and we decided that it would be good to clean up and set up a meet up and bring our friends and kids along."

This past weekend, they did just that at the lookout in Fort St. John. She also posted in a local group on Facebook and was surprised to see so many others attend. She estimated that only six were originally coming but then there were 20 or more on the day of the event.

"We hauled away all the garbage, a huge truck load and we plan to do it again because it was so successful."

Right now, they are aiming for every week to do a clean up at a local site. Wiebe wants people to understand that they are capable of making changes in the community and not rely on others.

"What we kind of call ourselves is 'We Are The People'. There are people that always say 'well, somebody should get on that' or 'somebody should really fix that' or 'someone should do something' but we are the people, we should do something and we shouldn't have to rely on everyone else to make a move. We want to set the example and gain momentum for people to take action."



The next project for the group will be cleaning up the Beatton River (pictured above)/Photo: Devynn Wiebe

As of Tuesday, Wiebe estimates that over 40 people will be attending the next clean up which she has scheduled for the Beatton River at 1:00 p.m. on May 7. She has even had businesses offering to donate equipment if need be.

"There is a lot of support from the community and I think that this can get a lot bigger if we get some more directed support. We can motivate other communities to do these things themselves as well."

While someone had beat the group to the punch of cleaning up most of the trash at the lookout, they left 20 or so bags behind. Wiebe and her group picked up all the bags and took them away. She says they also walked the fence line and the ditches looking for any garbage.

"While I may not be able to be there every weekend, that doesn't mean that I can't still organize it."

REGIONAL BOARD FOLLOW UP – OUTSTANDING SOLID WASTE ITEMS

2017 QUARTERLY REPORT – Q1

I-1

OUTSTANDING FOLLOW UP ITEMS OVER THE PAST QUARTER:	
RESOLUTIONS	
FEBRUARY 23, 2017 REGIONAL BOARD MEETING	
That staff be authorized to prepare a report, for the April SWC mtg, providing background summary and review of current waste and recycling arrangements at the TR Transfer Station, said report to identify operational efficiencies for the development of consistent region-wide delivery of services.	
a) That the Reg Board renew its SW agreements with its municipal partners; and b) That staff be authorized to review all of the SW agreements with respect to fairness, consistency, level of same service and how these agreements meet the parameters/criteria established in the Regional SWMP.	
JANUARY 26, 2017 REGIONAL BOARD MEETING	
That the DC Transfer Station days of operation be increased to 7 days/wk, 8 am-6 pm, for a 6 month period (May-Oct), and return to regular days / hrs of operation at 5 days/wk, 9 am-6 pm, from Nov-Apr.	
JANUARY 12, 2017 REGIONAL BOARD MEETING	
That staff create a policy for the waiving of fees at RD landfills.	

OUTSTANDING FOLLOW UP ITEMS – GREATER THAN THREE MONTHS:	
RESOLUTIONS	
a) That the Waste Reduction, Promo & Education Prog Contract be awarded to NEAT, for a 1 yr term beginning Jan 1/17; and b) Subject to a satisfactory review/evaluation of the prog; and c) That the completion of a 6 month public consultation process be conducted w/residents across the region, to determine their desire for diversion programs, with said consultation to take place prior to the program review / evaluation.	
SW Customer Satisfaction Survey - That staff be directed to expand the existing “app” located on the Environmental Services “garbage and recycling” page of the PRRD website to provide residents an opportunity to forward comments or questions, on a continual basis, with respect to solid waste.	
That the SW PMAC be directed to amend its ToR so that contractors who are Committee members exclude themselves from meetings that may place them in conflict of interest.	
Director Sperling - ATCO Two Rivers Camp Serv Ltd - That the SWC be directed to investigate the recycling plans of ATCO Two Rivers Camp Services Ltd. and similar companies, and prepare a report, incl both the financial impacts as well as impacts to PRRD LF sites, for the Board’s consideration at a future mtg.	
May 24/16 – Director Leonard Hiebert, Chair, AAC – Rec from the AAC - Disp of Hand-Picked Inv Plants - That staff prepare a report on the secure containment of hand-picked, bagged invasive plants, the process for transferring same from transfer stations to landfills, and program costs, for the Board’s consideration at a future mtg.	

OUTSTANDING FOLLOW UP ITEMS – GREATER THAN THREE MONTHS: continued

MoE Invitation - That the MoE be invited to the fall mtg of the SWC to provide an overview on the implications of undertaking a complete review of the Regional SWMP.

SWMP - That, prior to extending an invitation to the MoE to attend its fall mtg, the SWC review the SWMP.

Tipping Fee Incentives - That staff be authorized to prepare a report which explores options for promoting and providing incentives for waste reduction, diversion and recycling incl the options of developing additional tipping fee incentives as well as eliminating tipping fees.

Share Sheds - That staff investigate the feasibility of creating share areas for the distribution of wooden pallets that are taken to landfills and transfer stations.

Recycling of Ag Plastics - 2) That ID of recycling options for ag plastics be given priority under the SWMP.

SWMP - That a letter be forwarded to MMBC, with a copy to the BC Min of Env, expressing the need for MMBC to deliver curbside collection of packaging and printed paper in all member municipalities of the RD in fulfillment of MMBC's stewardship plan commitments pursuant to the provincial Recycling Regulation.

July 23/14 - SWC - Recommendations from SWC Mtg of July 22/14 - Waiving of Tipping Fees - a) That a letter be forwarded to the Bear Mtn Grazing Assoc, advising that the RD will waive the tipping fees, on a one time only basis; and b) That staff be authorized to research and find suitable alternatives to cost share with FLNRO as the refuse / derelict vehicles are located on Crown lands; and c) That staff draft a policy / protocol for community organizations and individuals picking up garbage for review by the Committee.



Solid Waste Committee TERMS OF REFERENCE

The Peace River Regional District (PRRD) developed a Regional Solid Waste Management Plan that was approved in 2009. The Plan addresses three key areas:

- Greater efficiency of programs and services
- Greater focus on reducing, reusing and recycling to protect our environment
- Greater focus on sustainable management to protect future generations

ROLE OF THE COMMITTEE

With the understanding that Solid Waste Management is a regional function and represents our largest single budget item; the goals of the Solid Waste Committee (SWC) is to act as an advisory committee for the Regional District solid waste management function and identify concerns and issues that may arise.

STRUCTURE OF THE SOLID WASTE COMMITTEE

1. Members: The SWC will consist of five (5) Board members as appointed by the Chair and will consist of:

- Director from the City of Dawson Creek, or alternate director
- Director from the City of Fort St. John, or alternate director
- Director from the District of Chetwynd, or alternate director
- Director from Electoral Area 'B', or alternate (Electoral Area 'C' Director)
- Director from Electoral Area 'E', or alternate (Electoral Area 'D' Director)
- PRRD Board Chair, as ex-officio member
- The meetings will be chaired by a Committee member elected by the Committee participants on an annual basis
- In the absence of the Chair, a member elected Vice-Chair by the Committee on an annual basis will chair the meetings;
- Appropriate Regional District staff person – non-voting.

2. Meetings:

- The Committee shall meet on a monthly basis, on the first Thursday of every month;
- Meetings will be open to the public;
- Items for the regular agenda must be provided to Administration one (1) week prior to the scheduled meeting;
- The PRRD Board Chair will be given a copy of all Committee meeting agendas.

3. Procedures:

- Quorum – at least one-half of the members of the Committee;
- Voting – all options and recommendations shall be determined by majority vote, with recommendations and options being forwarded to the Regional Board for consideration and action.