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**REGIONAL DISTRICT OF BULKLEY-NECHAKO  
WASTE MANAGEMENT COMMITTEE  
(Committee of the Whole)  
AGENDA**

**Thursday, December 14, 2017**

**PAGE NO.**

**ACTION**

**CALL TO ORDER**

**SUPPLEMENTARY AGENDA**

**Receive**

**AGENDA – December 14, 2017**

**Approve**

**MINUTES**

**2-5**

**Waste Management Committee Meeting  
Minutes – October 12, 2017**

**Receive**

**REPORTS**

**6-13**

**Rory Mckenzie, Director of Environmental Services  
- Solid Waste Management Plan Summary of Work  
Completed**

**Receive**

**14-17**

**Rory Mckenzie, Director of Environmental Services  
- Recycle BC's Proposed Program Changes  
(Northern Voice)**

**Discussion/Receive**

**DISCUSSION ITEMS**

**1. Tipping Fees**

**NEW BUSINESS**

**ADJOURNMENT**

**REGIONAL DISTRICT OF BULKLEY-NECHAKO**  
**WASTE MANAGEMENT COMMITTEE MEETING**  
**(Committee Of The Whole)**

**Thursday, October 12, 2017**

**PRESENT:** Chair Mark Fisher

Directors Chris Beach  
 Eileen Benedict  
 Shane Brien  
 Dwayne Lindstrom  
 Thomas Liversidge  
 Rob MacDougall  
 Bill Miller  
 Rob Newell  
 Mark Parker  
 Jerry Petersen  
 Darcy Repen  
 Gerry Thiessen

Directors Taylor Bachrach, Town of Smithers  
 Absent Tom Greenaway, Electoral Area "C" (Fort St. James Rural)

Alternate Director Bob Hughes, Electoral Area "C" (Fort St. James Rural)

Staff Melany de Weerd, Chief Administrative Officer  
 Cheryl Anderson, Manager of Administrative Services  
 Janette Derksen, Deputy Director of Environmental Services  
 John Illes, Chief Financial Officer  
 Rory McKenzie, Director of Environmental Services  
 Wendy Wainwright, Executive Assistant

**CALL TO ORDER**

Chair Fisher called the meeting to order at 11:30 a.m.

**SUPPLEMENTARY AGENDA**

Moved by Director Parker  
 Seconded by Director Benedict

**WMC.2017-3-1**

"That the Supplementary Agenda be dealt with at this meeting."

(All/Directors/Majority)

**CARRIED UNANIMOUSLY**

**AGENDA**

Moved by Director MacDougall  
 Seconded by Director Repen

**WMC.2017-3-2**

"That the Waste Management Committee receive the October 12, 2017 Agenda."

(All/Directors/Majority)

**CARRIED UNANIMOUSLY**

## MINUTES

Waste Management  
 Committee Meeting Minutes  
 -July 20, 2017

Moved by Director Beach  
 Seconded by Director Benedict

WMC.2017-3-3

"That the Minutes of the Waste Management Committee for July 20, 2017 be received."

(All/Directors/Majority)

CARRIED UNANIMOUSLY

### POWERPOINT PRESENTATION – Rory McKenzie, Director of Environmental Services RE: Knockholt Landfill Phase 3 Expansion Project

Rory McKenzie, Director of Environmental Services provided a PowerPoint Presentation. Started in 2016 and finished in 2017.

#### **Knockholt Landfill Phase 3 Expansion Project**

##### **Purpose of Project**

- ▶ Develop a new Phase of the landfill footprint (3a) with an estimated lifespan of 7 years;
- ▶ Phases 3b and 3c to be developed in the future giving Phase 3 an overall lifespan of 33 years;
- ▶ Annual landfilled tonnage approximately 15,000 metric tonnes;
- ▶ Natural clay liner;
- ▶ Expansion area 7,500 m<sup>2</sup>.

##### **Phase 3 - 2016 construction works includes the following:**

- ▶ Go beyond the original plan to only pre-develop the bottom half of Phase 3 and pre-develop all of Phase 3. Excavate, haul and stockpile 9,000 m<sup>3</sup> (1200 tandem loads) of topsoil from Phase 3 (value \$480, 000);
- ▶ This will be enough topsoil for final cover of Phases 1, 2, and 3;
- ▶ Excavate, haul and stockpile 12,000 m<sup>3</sup> of un-useable clay (due to high moisture content) from Phase 3 and place in Phase 4 borrow pit area;
- ▶ Slope and ditch Phase 3 so it will drain and dry up for the construction year of 2017.

##### **2016 Budget and Expenditures:**

- Budget – \$400,000,
- Expenditures:
  - Engineering/Geotechnical - \$14,435,
  - Equipment - \$ 77,110,
  - Total spent on project in 2016 - \$91,545.

##### **Phase 3(a) construction works 2017 include the following:**

- ▶ Excavate, haul and place 20,000 m<sup>3</sup> of good quality clay for final cover on Phase 1 and Phase 2;
- ▶ Excavate, haul and place remaining 10,000 m<sup>3</sup> of clay in Phase 4 borrow pit;
- ▶ Make two 75 m long perforated HDPE (dr11) pipes using thermal fusion technology and tie into the existing manholes for leachate collection;
- ▶ Place non-woven geotextile and 1000 m<sup>3</sup> drain rock on HDPE pipe and build herringbone drainage lines to the pipe;
- ▶ Work done over and above original plan;
  - ▶ Build 250 metres of all-weather road 8 metres wide from scales to the new turning pad;
- ▶ Build a 1200 m<sup>2</sup> all-weather turning pad for trucks to turn around on and dump garbage into Phase 3(a) the pad will be recycled for the next pad in Phase 3(b)
- ▶ Haul 3000 m<sup>3</sup> of topsoil and place it on Phase 1 & 2 in a 30 cm spread
- ▶ The road, turning pad and placement of topsoil were all done within the budget.

**POWERPOINT PRESENTATION – Rory McKenzie, Director of Environmental Services**  
**RE: Knockholt Landfill Phase 3 Expansion Project (CONT'D)**

**2017 Project Budget and Expenditures:**

- ▶ Budget - \$350,000;
- ▶ Expenditures: HDPE pipe and thermal fusion – \$19,208;
- ▶ Geotextile and delivery - \$6,458;
- ▶ Total for out of RDBN expenditures - \$25,666;
- ▶ Expenditures within the RDBN:
  - Equipment - \$207,610;
  - Drain rock, blast rock and gravel - \$77,305;
  - Project management (RDBN) - \$4,620.83 (OT) for 6 weeks vs contract manager at \$8,000 per week;
  - misc. expenses - \$4,000;
- ▶ Total expenditures in the RDBN - \$293,535.83;
- ▶ Year to date costs for 2017 - \$319,201.83;
- ▶ Projected final costs - \$330,000.

Director Repen commented that the Knockholt Landfill Phase 3 Expansion Project information should be provided to the public for information.

Discussion took place regarding the amount of top soil that is on location at the Knockholt Landfill and that there is sufficient top soil to cover Phase 1, 2 and 3 during closure works along with future Phase development. Mr. McKenzie spoke of the need to keep the soil onsite for future use.

Director Repen spoke of the thermal fusion technology utilized to fuse the HDPE pipes together and questioned if there would be an option for the Regional District to partner with municipalities to purchase the technology for use on projects throughout the region. Mr. McKenzie noted that the Regional District does not have a high demand for the technology but could potentially research options to contribute at the Regional Board's direction.

Director Thiessen thanked Mr. McKenzie and expressed his appreciation for the report and presentation in regard the Knockholt Phase 3a project. Director Beach also noted that the management of the project and attention to budget details was greatly appreciated. Chair Fisher spoke to the importance of the Waste Management Committee receiving technical information in regard to the project. Mr. McKenzie noted that the presentation was to assist in identifying the economical manner in which the RDBN landfills and addresses the lifespan of a landfill. He spoke of the benefits of the location and space available for the RDBN landfills and also the natural materials at the sites that provides a significant cost savings to the Regional District. This information will also be beneficial in the RDBN Solid Waste Management Plan review process.

Chair Fisher thanked Mr. McKenzie for his presentation.

**DISCUSSION ITEM**

**Solid Waste Management Plan**

Mr. McKenzie provided an overview of his October 11, 2017 memo titled "Solid Waste Management Plan Project Schedule." In the teleconference meeting with Tetra Tech Canada, October 10, 2017, discussions took place regarding the formation of the Advisory Committee and the three options of structuring the committee: Technical Members Committee, Public Members Committee or a combination of both a Technical and Public Members Committee and the consensus was that one committee be comprised of both technical experts and public members would be the most beneficial. Mr. McKenzie mentioned that he has reviewed the Ministry of Environment's Guide to Solid Waste Management Planning that committee members will also need to review. He mentioned that all information in regard to the SWMP review process and Advisory Committee will be brought forward to the Regional Board for consideration.

**DISCUSSION ITEM (CONT'D)****Solid Waste Management Plan (Cont'd)**

The formation of the Advisory Committee may consist of:

- Three Directors of the Waste Management Committee;
- Representation from:
  - First Nations;
  - Northern Health;
  - Ministry of Environment:
    - Eric Pierce, Environmental Protection Officer, Authorizations, Smithers;
  - School District 91 Nechako Lakes;
  - School District 54 Bulkley Valley;
  - Recycling Centres – East/West;
  - Municipalities – CAO/CFO/Engineers/Operations Managers;
  - Members of the Public – Expression of Interest Media Release
    - Regional Board to review Expressions of Interest received and determine Advisory Committee public members;
    - A component of the Expression of Interest will include the ability to provide comments.
- Meeting details will be determined moving forward.

Director Repen brought forward challenges regarding staff capacity for municipal representatives on the Advisory Committee.

Janette Derksen, Deputy Director of Environmental Services noted that in discussions with Tetra Tech Canada to prepare for Stage One of the project and to prepare the site visits occurring October 24-26, 2017 it was decided that the meetings would take place at the Transfer Stations and possibly at Municipal Offices. She will provide an invitation and itinerary to the Regional Board of Directors. Mr. McKenzie commented that the consultants would be coming to the region to review RDBN infrastructure and recycling options for the SWMP.

**SUPPLEMENTARY AGENDA****REPORT**

Solid Waste Management  
Plan Project Schedule

Moved by Director Miller  
Seconded by Director Repen

WMC.2017-3-4

"That the Waste Management Committee receive the Director of Environmental Services' October 11, 2017 memo titled "Solid Waste Management Plan Project Schedule."

(All/Directors/Majority)

CARRIED UNANIMOUSLY

**ADJOURNMENT**

Moved by Director Benedict  
Seconded by Director Repen

WMC.2017-3-5

"That the meeting be adjourned a 12:24 p.m."

(All/Directors/Majority)

CARRIED UNANIMOUSLY

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Mark Fisher, Chair

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Wendy Wainwright, Executive Assistant



**REGIONAL DISTRICT OF BULKLEY-NECHAKO  
WASTE MANAGEMENT COMMITTEE**

**AGENDA  
MEMORANDUM**

**To:** Chairperson Fisher and Waste Management Committee (December 14, 2017)  
**From:** Rory Mckenzie, Director of Environmental Services  
**Date:** November 29, 2017  
**Subject:** Solid Waste Management Plan Summary of Work Completed

The following report will summarize the work that has been completed on the Solid Waste Management Plan (SWMP) Review and Update project. The report will also provide a schedule for the upcoming work that the RDBN and the SWMP consultants will be working through till the end of the project in August 2018.

**1<sup>st</sup> Reporting Period Summary of Work**

Reporting Period	October 1 to October 31
Tasks Completed Since Previous Report	<ul style="list-style-type: none"> <li>• Kick-off Meeting (teleconference)</li> <li>• Site visits and project planning (October 24-26)</li> <li>• Data and document review</li> <li>• Completed project paperwork and planning</li> <li>• Updated project schedule and plan for consultation and communication</li> <li>• Completed data and document review</li> <li>• Completed draft Current System Assessment Report</li> <li>• Launch SWMP website, public survey, and request for Advisory Committee members</li> </ul>
Consultation or Public Communication Completed Since Last Report	<ul style="list-style-type: none"> <li>• Several Regional Directors attended Site Visits (Oct 24-26)</li> <li>• Met municipal staff from Fraser Lake, Burns Lake, Telkwa</li> <li>• Met private depot operators in Vanderhoof (NVHC), Burns Lake and Smithers/Telkwa</li> <li>• Met Ministry of Environment local official</li> </ul>

RDBN staff has scheduled meetings with the consultants every two weeks (by phone) to coincide with the Board meeting to allow for routine reporting to happen. With this schedule, staff will be providing monthly reports to the Board on the progress of the SWMP.



7

2<sup>nd</sup> Reporting Period Summary of Work

Reporting Period	November 1 to November 30
Tasks Completed Since Previous Report	<ul style="list-style-type: none"> <li>Data and document review</li> <li>Current System Assessment Report Issued For Review (IFR) -submitted November 30</li> <li>Attended Recycle BC consultation -summary provided November 30</li> </ul>
Upcoming Work	<ul style="list-style-type: none"> <li>Confirm Advisory Committee members</li> <li>Confirm plan for initial Advisory Committee meeting</li> <li>Prepare presentation for initial Advisory Committee meeting</li> <li>Complete Current System Assessment Report</li> <li>Provide input on Terms of Reference for Advisory Committee</li> </ul>
Consultation or Public Communication Completed Since Last Report	<ul style="list-style-type: none"> <li>Discussed RDBN First Nations with Emily Chu from INAC. She did not identify any hot topics or significant challenges that must be addressed through the SWMP</li> <li>Completed public notification for the project, initiated a survey, and invited key stakeholders to take part in the Advisory Committee</li> </ul>

Project Deliverables and Milestones

Stage	Action/Deliverable	Date
<b>Stage 1</b>	<b>Project Initiation</b>	
	Kick-off Meeting	October 10, 2017
	Project Planning Meeting and Site Visits*	October 24 - 26, 2017
	Current System Assessment Report Completion	November 22, 2017
	<b>Advisory Committee Workshop #1* (System Assessment)</b>	<b>January 17, 2018</b>
<b>Stage 2</b>	Options Technical Memos Complete	February 7, 2018
	<b>OPTIONAL - Advisory Committee Webinar or Workshop (Options Overview)</b>	<b>February 21, 2018</b>
	<b>Advisory Committee Workshop #2* (Options Selection)</b>	<b>March 7, 2018</b>
	Financial Analysis Technical Memo Complete	March 21, 2018
	<b>Advisory Committee Workshop #3 (Financial Analysis – Teleconference)</b>	<b>March 28, 2018</b>
	Consultation Plan	April 4, 2018
	<b>Advisory Committee Workshop #4* (Plan and Stakeholders)</b>	<b>April 18, 2018</b>
	SWMP Update Issued For Review	May 2, 2018
<b>Stage 3</b>	Public Consultations*	May to mid-June, 2018
	<b>Advisory Committee Workshop # 5 (Summary of Public Consultation - Teleconference)</b>	<b>Mid to Late June, 2018</b>
	Consultation Summary Report	July 18, 2018
	SWMP Update Issued For Use	August 15, 2018



**RECOMMENDATION**

(All/Directors/Majority)

1. That the Board of Directors receive the memorandum titled, "Solid Waste Management Plan Summary of Work Completed", dated December 14, 2017.



## Regional District of Bulkley-Nechako Media Release – Solid Waste Management Planning

The Regional District of Bulkley-Nechako (RDBN) is updating its Solid Waste Management Plan (SWMP), a legally binding document that is mandated by the province for all regional districts. The purpose of the SWMP is to provide regional districts with a guiding document that will direct the Region's solid waste management activities over the next 10 years, while also considering longer-term objectives and opportunities.

Solid Waste Management in B.C. is continuously evolving, necessitating updates of solid waste management plans to reflect changes that are happening in the solid waste industry. Changes that affect the management of solid waste are the growing B.C. population and consumer demand for product. It is also noted that British Columbians are increasingly conscious of the need to "reduce and reuse" in a variety of measures. A growing number of Product Stewardship programs exists in BC to take responsibility for end-of-life product management.

Currently, the RDBN is working with Tetra Tech Canada, a team of solid waste management consultants, to review and update of the existing SWMP to better reflect the current and planned diversion and management method for the region. The existing plan was adopted in 1996 and was successful in its time to develop and manage waste materials from the consumers in the region to its end of life in either the region's landfills or recycling depots.

There have been significant changes in the waste management landscape in the last twenty-one years. Other changes include many Extended Producer Responsibility (EPR) Programs such as the Printed Paper and Packaging, Used Oil Management and Electronic Products stewardship programs. The new SWMP will lay out how we will recycle, compost and dispose of our garbage for the next 10-20 years. The review of the SWMP will focus on: waste reduction, waste diversion, organics, the financial aspect to solid waste management and the possibility of pursuing zero waste in our region.

Updating the SWMP requires regional participation through an advisory committee and public perception surveys. The advisory committee will be made up of public, local government and technical representatives. The committee will be working together from January to June of 2018 in monthly meetings located in Burns Lake. The Committee will be asked to review reports outside of the meetings in preparation for the meeting dates. Two surveys will be released, one in December 2017 and another in spring 2018, to ask questions about the public perception of solid waste management in the RDBN.

Any interested citizens may apply to be part of the Advisory Committee for the Solid Waste Management Plan review and update. If you are interested or invested in recycling and waste management for our Region, the RDBN invites you to be part of this process by filling out an Expression of Interest form. The RDBN acknowledges the distances that will need to be traveled within the Regional District for these meetings and as such there will be remuneration for mileage and meals as required for committee meetings. Meetings will likely be held during the day with a meal provided during the mid-day break. Expressions of Interest forms will be due by **Friday, December 15, 2017**.

Please visit the RDBN's website [www.rdbn.bc.ca](http://www.rdbn.bc.ca) or email [wastewatchers@rdbn.bc.ca](mailto:wastewatchers@rdbn.bc.ca) for an Expression of Interest form to fill out. The forms will also be made available at the RDBN office and your local municipal office for those that do not have internet access. For more information on the Solid Waste Management Plan, please call 1-800-320-3339.



**Regional District of Bulkley-Nechako  
Solid Waste Management Plan Advisory Committee  
Expression of Interest Application**

The Regional District of Bulkley-Nechako is entering into a new Solid Waste Management Plan. The Regional District would like to invite those who are interested in the process to submit an application to sit on the Solid Waste Management Plan Advisory Committee. The form must be submitted by December 15, 2017. All committee meetings will be held in Burns Lake. Responsibilities of the committee are as follows:

- Five to six 3 hour workshops between the dates of January-June 2018
- Review of reports sent in preparation for workshops

\*For each workshop, meals will be provided and a travel allowance will be considered for those traveling from out of town.

**Personal Information:**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Location:             Municipal                             Rural

Contact Phone Number: \_\_\_\_\_

Contact Email: \_\_\_\_\_

**Participation:**

- Participate by input (i.e. writing a letter or email)
- Participate by sitting on the advisory committee

**Explain Why:**

Please explain the reasons on why you are interested in sitting on the Solid Waste Management Advisory Committee:

Please explain any experience or qualifications you have regarding solid waste management:

**Questions/Concerns:**

If you have any questions or concerns, or require additional information, please contact Rory McKenzie, Director of Environmental Services or Janette Derksen, Deputy Director of Environmental Services, at (250)692-3195 (TF 1-800-320-3339) or email [wastewatchers@rdbn.bc.ca](mailto:wastewatchers@rdbn.bc.ca)

The Regional District of Bulkley-Nechako (RDBN) has started the development of an updated Solid Waste Management Plan to:



- Review existing solid waste management policies and programs within the region;
- Identify and evaluate options for reduction, diversion and disposal in the region;
- Set the RDBN's waste management principles, targets and strategies for the next ten years.

**We can't do it without your help!** Your answers to the following questions will be factored into the development of potential solutions in the Regional District's Solid Waste Management Plan. Thank you for taking a few minutes to complete this survey. Please either mail completed surveys to RDBN Box 820, Burns Lake, BC, V0J 1E0 or drop them off at a municipal office near you before December 31<sup>st</sup> 2017. There are also 2 chances to **WIN a \$100 Gift Certificate!!** Just complete the survey before the deadline and fill out your name & phone number.

Name: \_\_\_\_\_ Phone number: \_\_\_\_\_

1. Which area of the RDBN do you live in?

- |   |  |   |   |
|---|--|---|---|
| <input type="checkbox"/> Village of Burns Lake      | <input type="checkbox"/> Electoral Area A (Smithers Rural)       | <input type="checkbox"/> District of Houston    | <input type="checkbox"/> Electoral Area E (Francios/Oosta Lake Rural) |
| <input type="checkbox"/> Village of Fraser Lake     | <input type="checkbox"/> Electoral Area B (Burns Lake Rural)     | <input type="checkbox"/> Town of Smithers       | <input type="checkbox"/> Electoral Area F (Vanderhoof Rural)          |
| <input type="checkbox"/> Community of Fort Fraser   | <input type="checkbox"/> Electoral Area C (Fort St. James Rural) | <input type="checkbox"/> Village of Telkwa      | <input type="checkbox"/> Electoral Area G (Houston Rural)             |
| <input type="checkbox"/> District of Fort St. James | <input type="checkbox"/> Electoral Area D (Fraser Lake Rural)    | <input type="checkbox"/> District of Vanderhoof | <input type="checkbox"/> First Nation Land                            |
| <input type="checkbox"/> Village of Granisle        |  | <input type="checkbox"/> Germanson Landing      |   |

2. Please tick all of the descriptions below that apply to you:

- |   |   |
|---|---|
| <input type="checkbox"/> You live in the RDBN                             | <input type="checkbox"/> Non-Government organization (Community group representative) in the RDBN |
| <input type="checkbox"/> You are a student attending a school in the RDBN | <input type="checkbox"/> You work in the RDBN   |

3. What type of home do you live in, and what garbage service do you have?

- A. Single family home townhome, or mobile home with:
- municipal curbside garbage collection
  - private curbside garbage collection (arranged by you)
  - you self-haul your garbage to a Landfill or Transfer Station
- B. Apartment or Multi-family building with private garbage collection
- C. Rural resident
- use a private contractor
  - You self-haul your own garbage to Landfill or Transfer Station

4. Which of the following curbside waste collection services do you currently have at home?

Check all that apply.

- Paper and Container Recycling (e.g. paper/cardboard, metal/plastic containers)
- Cardboard Recycling
- Kitchen/Food Scraps and Yard Waste (Organics)
- Garbage
- Self-Haul
- Other, specify: \_\_\_\_\_

5. Where do you recycle?

Check all that apply.

Smithers and Telkwa

- |  |   |
|--|---|
| <input type="checkbox"/> Smithers and Area Recycling Society | <input type="checkbox"/> Smithers-Telkwa Transfer Station |
| <input type="checkbox"/> Houston Recycling                   | <input type="checkbox"/> Knockholt Landfill               |



Join the Waste Watchers!!

Burns Lake

- Burns Lake Recycling Depot
- Burns Lake Transfer Station

Granisle

- Granisle Transfer Station

Fraser Lake

- Area "D" (Fraser Lake) Transfer Station
- Fraser Lake Bottle Depot

Vanderhoof

- NVSS Bottle Depot
- Co-Op Grocery Store
- Vanderhoof Transfer Station

Fort St. James

- Fort St. James Bottle Depot
- Fort St. James Transfer Station
- Nak'azdli Recycling Depot
- Next to Fort St. James Bottle Depot (commercial cardboard and mixed paper)

- Ouellette Bros. Building Supplies

Other

- Other Recycling Depots (not listed), specify: \_\_\_\_\_

6. If you use a Recycling Depot or Facility, why do you use it?

Check all that apply.

- I don't have collection services at my home for paper and containers
- I don't have collection services at my business
- I miss the truck on my collection day
- I would rather go to a depot where I can return many products at once
- Other, specify: \_\_\_\_\_

7. Do you participate in backyard composting and composting education

Check all that apply.

- I compost organics at home
- I purchased a backyard composter through the RDBN program
- I am aware of the backyard composter program but have not started composting

8. Are there additional curbside collection services you would like to have at home?

Check all that apply.

- Recycling (e.g. paper/cardboard, metal/plastic containers)
  - What products & materials, specify: \_\_\_\_\_
- Kitchen/Food Scraps (Organics)
- Yard Waste
- Garbage
- Other, specify: \_\_\_\_\_

9. What Regional District facilities do you use most often?

- Smithers/Telkwa Transfer Station
- Burns Lake Transfer Station
- Manson Creek Landfill
- Knockholt Landfill
- Area "D" (Fraser Lake) Transfer Station
- Clearview Landfill
- Granisle Transfer Station
- Station
- Vanderhoof Transfer Station
- Southside Transfer Station
- Fort St. James Transfer Station

9a. How often do you use these facilities for personal use?

- More than once a week
- Once a week
- Once every two weeks
- Once a month
- Less than once per month

9b. How often do you use these facilities for work?

- More than once a week
- Once every two weeks
- Less than once per month
- Once a week
- Once a month
- None

10. What is your level of satisfaction with the current waste management services (tick the appropriate box)?

	Very Satisfied	Moderately Satisfied	Moderately Unsatisfied	Very Unsatisfied	Not Applicable
Garbage Collection Service					
Recycling Collection Service					
Self-Hauling waste to Regional Transfer Stations / Landfills					
Self-Hauling Recycling to Regional Transfer Stations / Landfills					
Recycling Depots (Bottle Depots, etc.)					
Promotion and Education of Solid Waste Services					

11. What do you feel are the more important considerations when deciding on the next waste management solutions for the region (rank from 1-5, with 1 being the most important and 5 being the least important).

	1 (most important)	2	3	4	5 (least important)
<b>Cost</b> - Keeping the cost of waste management services as low as possible					
<b>Waste Reduction</b> - Decreasing the amount of garbage sent to the landfill					
<b>Waste Diversion</b> - Increasing the amount and types of material diverted from landfills					
<b>Waste Diversion</b> - Prevent organics and recyclables from going into the garbage wherever practical					
<b>Convenience</b>					
<b>Local Economy</b> - Developing solutions that support the local economy					
<b>Environmental Protection</b> – (reducing Greenhouse Gas, maintaining clean air and water, etc.)					

12. Please comment on the solid waste services available in the RDBN. What aspects work well? What is challenging? [for example frequency, types of materials, quality of service, lack of service, etc]

13. What ideas do you have to improve how we manage our waste?

Thank you for your participation. Public input is key to building a system that runs smoothly and provides the services that RDBN residents need to improve waste management in the RDBN. You can learn more about recycling, composting and garbage in your area at the Regional District's website: <https://www.rdbn.bc.ca/wastewatchers>



**REGIONAL DISTRICT OF BULKLEY-NECHAKO  
WASTE MANAGEMENT COMMITTEE**

**AGENDA  
MEMORANDUM**

To: Chairperson Fisher and Waste Management Committee (December 14, 2017)  
 From: Rory Mckenzie, Director of Environmental Services  
 Date: December 5, 2017  
 Subject: Recycle BC's Proposed Program Changes

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The Environmental Services Department had requested a summary report on the Recycle BC Consultation process that occurred in New Westminster on November 15 and 16, 2017 regarding the proposed changes that are being made and how they may affect the recycling groups in our region. Maura Walker, one of the RDBN's Solid Waste Management Planning consultant's attended the recycling workshops and reported to the RDBN on the key changes that may occur in 2018 and 2019. Please see attached report.

The RDBN is working towards building a regional framework for recycling in our region and hope to work with Recycle BC in regards to approving more depots to come on board with either curbside collection or depot collection contracts. This will hopefully minimize some of the subsidies that the RDBN pays out annually to our regional recycling groups.

Staff have had conversations with the regional recycling groups and it is known that the incentive rates that are given to Recycle BC contracted depots are not sufficient to cover 100% of the program. Staff will be working with Recycle BC to identify more opportunities for depot and curbside status in our region for 2018 and 2019 in hopes that there will be more recycling opportunities in our regional district.

**RECOMMENDATION**

(All/Directors/Majority)

1. That the Board of Directors receive the memorandum titled, "Recycle BC's Proposed Program Changes", dated December 5, 2017.



**TO:** Regional District of Bulkley-Nechako  
Tetrattech

**DATE:** November 30, 2017

**FROM:** Maura Walker

**PROJECT:** Solid Waste Management Plan

**SUBJECT:** Recycle BC's proposed program changes

## 1. Background

Based on 3 years of program performance data and the upcoming expiration of the majority of their collector contracts, Recycle BC (formerly MMBC) is proposing changes to the contractual requirements and the financial incentives offered to local governments that provide collection services on behalf of Recycle BC.

This memo summarizes, in point form, the key changes being proposed.

## 2. Curbside Collection

- **Financial Incentives**
  - No change to education top up (\$0.75 per curbside household/yr, plus \$0.25 per household if depots are also provided)
  - Admin top up reduced from \$2.50 to \$1.75/household/yr if collection is provided by in-house service providers and \$1.10 if provided by contracted service providers
  - Collector financial incentives to be increased across the board
    - Incentive varies based on collection type (SS vs. MS, cart vs. other) and density
    - Most significant contamination issues are associated with cart-based, single-stream collection (double other single stream models)
    - Range is from \$33.40 /household/yr for SS cart-based, high density to \$42.80/household/yr for MS, low density
- **Game changer:** New curbside programs must meet the following criteria:
  - A curbside garbage collection program was in place by May 2014.
  - The community represents an incorporated municipality.
  - The community has a minimum population of 5,000 residents
- Phasing out use of single-use blue bags (by Jan 2019)
- Need to include Recycle BC logo on new containers
- Recycle BC would have the right to require advance approval of major promotion and education material, including depot signs, regardless of whether it includes the Recycle BC logo.
- Voluntary consolidation is permitted

**Note:** In a phone conversation with Brendan McShane a few weeks in advance of the Recycle BC workshop, he suggested that Recycle BC would be willing to consider curbside communities on the

Hwy 16 corridor since they are already servicing the area. This, however, is not a commitment and would need to be explored further.

### 3. Depot Collection

- Depots must be staffed when open and secure when closed (no change from original requirements)
- Depots must be sufficiently staffed to ensure:
  - Interaction with residents –contamination reduction and ICI segregation
  - Regularly check program material
  - Remove improperly sorted and unacceptable material
- Recycle BC would have the right to require advance approval of major promotion and education material, including depot signs, regardless of whether it includes the Recycle BC logo.
- Reduced the liability insurance requirement from \$5million to \$2million
- Collected material be stored in such a way that material quality is not impacted by inclement weather, such as rain and snow.
- **Financial Incentives**
  - No change to education top up (\$0.75 per depot household /yr if no curbside)
  - Resident Education Top Ups must be used for associated promotion and education activities
  - Plastic bags/overwrap increasing from \$175/t to \$500/t
  - Foam increasing from \$175/t to \$600/t
  - Glass containers increasing from \$80/t to \$90/t
  - Currently 2 depot incentives: one for communities with curbside, another for communities without
  - **Game changer:** for government-run depots where there is curbside collection of PPP, the per tonne payment for paper, cardboard and containers is being eliminated
  - If there is no curbside, the following incentives are offered:
    - Paper and cardboard: \$80/tonne (baled = \$110/t)
    - Containers: \$130/tonne (baled = \$110/t)
- Based on the above game changer, MMBC is proposing that there is 3 options for local governments that have both depot and curbside:
  1. Direct to curbside/multi-family
    - Recycle BC's preferred option
    - Paper, cardboard and containers no longer accepted at depot
    - Direct residents to make use of curbside/multi-family service –unlimited volumes at residence collection site
  2. Manage independently
    - Accept paper, cardboard and containers but manage and market independently of program (Note: this option is not recommended by MWA due to the increasing difficulty in marketing recyclable materials)
    - Voluntary decision to duplicate service –cannot alternate option based on market conditions



**3. Collect under Recycle BC program without incentives**

- Accept paper, cardboard and containers
  - Recycle BC would pick up at depots, manage post-collection including processing –no payment for collection
  - Requirements on contamination, ICI etc. will apply
- Beginning in April 2018, MMBC will be piloting the collection of multi-laminate packaging at depots and will pay \$175/tonne (voluntary participation). If successful, they will require all depots to begin collecting multi-laminates separately and will pay \$500/t

**4. In Summary**

The above noted changes to the Recycle BC program are proposed and feedback is currently being collected. Based on unofficial discussions at the Recycle BC workshop, it's likely that the proposed financial changes (i.e., the incentives) will not change because Recycle BC's budget has already been approved by their Board. However, other terms may change based on feedback from collectors and the MoE.

Feedback can be provided to Recycle BC by email to [consultation@recyclebc.ca](mailto:consultation@recyclebc.ca) until December 15<sup>th</sup>, 2017.