



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

AGENDA

Thursday, July 20, 2017

PAGE NO.

ACTION

CALL TO ORDER

SUPPLEMENTARY AGENDA

Receive

AGENDA – July 20, 2017

Approve

MINUTES

2-7

**Waste Management Committee Meeting
Minutes – April 6, 2017**

Receive

REPORTS

8-9

**Rory McKenzie, Director of Environmental Services
- Salvaging of Woodwaste & Metal at RDBN Sites**

Direction

10-18

**Janette Derksen, Deputy Director of Environmental
Services – Recycling Services Funding Guidelines**

Receive

19-21

**Mark Fisher, Director, Electoral Area “A” (Smithers
Rural) – Recycling Council of BC – Summit of Solutions
June 21-23, 2017**

Receive

DISCUSSION ITEMS

1. Information
2. RCBC Conference

NEW BUSINESS

SPECIAL IN-CAMERA MEETING

In accordance with Section 90 of the *Community Charter*, it is the opinion of the Regional District of Bulkley-Nechako Board of Directors that matters pertaining to Sections 90(1)(c) labour relations or other employee relations and 90(1)(g) litigation or potential litigation (Bylaw Enforcement File 2012-G-01) must be closed to the public therefore exercise their option of excluding the public for this meeting.

ADJOURNMENT

REGIONAL DISTRICT OF BULKLEY-NECHAKO**WASTE MANAGEMENT COMMITTEE MEETING**
(Committee Of The Whole)**Thursday, April 6, 2017**

PRESENT: Chair Mark Fisher

Directors Taylor Bachrach
Eileen Benedict
Tom Greenaway
John Illes
Bill Miller
Rob Newell
Mark Parker
Jerry Petersen
Darcy Repen
Gerry Thiessen

Directors Absent Shane Brienens, District of Houston
Dwayne Lindstrom, Village of Fraser Lake
Thomas Liversidge, Village of Granisle
Rob MacDougall, District of Fort St. James

Alternate Director Linda McGuire, Village of Granisle

Staff Melany de Weerd, Chief Administrative Officer
Rory McKenzie, Environmental Services Operations Manager
Janette Derksen, Environmental Services Coordinator
Roxanne Shepherd, Chief Financial Officer
Wendy Wainwright, Executive Assistant

CALL TO ORDER

Chair Fisher called the meeting to order at 12:33 p.m.

SUPPLEMENTARY AGENDAMoved by Director Miller
Seconded by Director Greenaway**WMC.2017-1-1**

"That the Waste Management Committee receive the April 6, 2017 Supplementary Agenda."

(All/Directors/Majority)

CARRIED UNANIMOUSLY**AGENDA**Moved by Alternate Director McGuire
Seconded by Director Miller**WMC.2017-1-2**

"That the Waste Management Committee receive the April 6, 2017 Agenda."

(All/Directors/Majority)

CARRIED UNANIMOUSLY

MINUTES

Waste Management
Committee Meeting Minutes
-September 8, 2016

Moved by Director Benedict
Seconded by Director Illes

WMC.2017-1-3

"That the Minutes of the Waste Management Committee for September 8, 2016 be received."

(All/Directors/Majority)

CARRIED UNANIMOUSLY

DISCUSSION ITEMS

1. RCBC Conference 2017

RCBC Conference 2017
Attendance

Moved by Director Miller
Seconded by Director Bachrach

WMC.2017-1-4

"That the Waste Management Committee receive the Environmental Services Assistant's April 5, 2017 memo titled "Attendance of the Chair of the Waste Management Committee and Environmental Services Assistant at the 2017 RCBC Conference in Whistler, B.C."
2. Further, that the Waste Management Committee recommend that the RDBN Board of Directors authorize Chair Mark Fisher and the Environmental Services Assistant's attendance at the 2017 RCBC Conference in Whistler, B.C. June 21-23, 2017."

(All/Directors/Majority)

CARRIED UNANIMOUSLY

2. Zero Waste Provincial Policy

Chair Fisher mentioned that he is a member of the Zero Waste Provincial Policy group. The group is an informal group of elected officials from throughout B.C. that are developing a discussion paper to focus on how provincial policy can be developed that will assist Regional Districts to meet zero waste goals. Some suggestions are: how companies can redesign packaging to minimize waste, more definition for agriculture and forestry waste, and encouraging value added initiatives.

Frustrations were expressed regarding the amount of packaging used and that the current structure of collection of packaging and printed paper is still falling to local government to address. Meeting provincial targets for packaging and printed paper and the economies of scale for volume collection of the material was discussed.

3. Update on HR Transition

Melany de Weerd, CAO mentioned that discussions regarding the Environmental Services Department personnel transition will take place at a Special In-Camera meeting as outlined in the *Local Government Act*.

4. Mattress Recycling

Chair Fisher spoke of preliminary works that could possibly take place prior to the Solid Waste Management Plan completion that would address such issues as mattress recycling.

Ms. de Weerd mentioned that the Director of Environmental Services had met with the Salvation Army representatives to find a solution for items that the thrift stores in the region reject and divert the items from the transfer stations and landfills. The Salvation Army can deliver the items for use to other areas in Canada and Nationally. Preliminary discussions took place in regard to how

4. Mattress Recycling (Cont'd)

the RDBN could facilitate making the material available for pick up by the Salvation Army at no cost to the RDBN, with the intent to divert the material from the landfills. Mattress recycling was not discussed at the original meeting but can be brought forward in future discussions to explore potential opportunities.

Director Thiessen mentioned that the Salvation Army is considering Vanderhoof as a potential location for their thrift store.

5. Update on Solid Waste Management Plan RFP

Rory McKenzie, Environmental Services Operations Manager mentioned that when the Solid Waste Management Plan RFP was first issued there was no response from proponents. Janine Dougall, Past Director of Environmental Services contacted potential proponents and their response was: more time was required and they would be better able to submit an RFP in the spring of 2017. Currently the Environmental Services Department is considering reissuing the RFP in April/May, 2017.

Discussion took place in regard to moving the Solid Waste Management Plan (SWMP) forward and conducting preliminary works such as speaking with community members that may be willing to consider being a part of the SWMP Advisory Committee and Monitoring Committee. Chair Fisher spoke of the Waste Management Committee outlining a concise action plan for the new Director of Environmental Services. Receiving no response to the original RFP was also discussed. The reissuing of the RFP and the timeframe required was reviewed.

Director Bachrach spoke of meeting with the Smithers and Area Recycling Society and their request that the RDBN defer more materials to their operations for recycling through the SWMP.

Discussion took place in regard to completing a comprehensive update of the SWMP and the legislation requiring an advisory and monitoring committee to be formed. The composition of the committees was considered. Chair Fisher noted that there is interest from people in his community in participating in the SWMP committees.

Director Bachrach mentioned that the intent was to review the original SWMP to determine what has moved forward from that plan and what hasn't. He noted that there are new ways to recycle since the plan was developed and society's expectations have changed. He commented that the Extended Producer Responsibility programs have also created challenges wherein some products have complete producer responsibility to the end of life and some do not. Director Greenaway mentioned that Fort St. James very rarely receives pickup for end of life electronics and there is a need to provide storage for the items for when pickup can occur. He suggested the use of a C-Can storage unit at the Fort St. James Transfer Station. Director Greenaway mentioned the challenges associated with products that are damaged and determined to be hazardous waste and can't be recycled and need to be landfilled.

Director Repen spoke of the SWMP being a plan that can be used to provide information to residents in regard to the cost to taxpayers in landfilling products that can and should be recycled. Director Miller commented that landfill costs have increased with the landfill requirements and regulations mandated by the province. Discussion took place in regard to the RDBN completing the SWMP process rather than a consultant. Director McGuire spoke of the time commitment that may be required to a member of the advisory committee. She commented, to determine possible outcomes, it may be necessary to determine specific action items with a specific time frame. Alternate Director McGuire also noted the importance of public education for all residents in the region.

Chair Fisher encouraged the Waste Management Committee to research ideas that will work for their respective communities that can be provided to the new Director of Environmental Services.

5. Update on Solid Waste Management Plan RFP (Cont'd)

Director Thiessen mentioned that as community leaders there are initiatives that community members and businesses can be encouraged to undertake to help reduce products being brought to the transfer stations and landfills to assist in reducing the waste management budget. Director Thiessen spoke of initiatives in the current SWMP that are not being implemented such as tipping fees.

Director Newell spoke to the importance of considering rural areas of the region in the development of a new SWMP as there is no curbside collection.

Discussion took place regarding the industrial tax base that contributes to the waste management budget and diverting products from the landfills may not always be inexpensive in the north due to increase in transportation costs, etc.

6. Salvaging

Chair Fisher mentioned that a process for a safe and efficient solution to allow salvaging of metal and wood at RDBN Transfer Stations and Landfills has been identified. Director Repen commented that wood and metal salvaging are separate items as the metal is a revenue source for the RDBN through a contract for removal and compensation. He mentioned that if the safety issues can be addressed and there can be a solution found for the drop off and salvaging of metal and wood there wouldn't be a need to wait for the SWMP to be complete. Discussion took place regarding the possibility to provide wood salvaging but there are concerns in regard to commercial salvaging of the metal at the transfer stations and landfills.

Wood and Metal Salvaging

Moved by Director Repen
Seconded by Director Newell

WMC.2017-1-5

"That the Waste Management Committee recommend to the Regional District of Bulkley-Nechako Board of Directors that pending resolution of safety concerns the RDBN provide metal and wood salvaging at RDBN Transfer Stations."

Director Thiessen brought forward concerns regarding metal salvaging and commercial salvagers stripping the high grade metal from the metal piles at the transfer stations. He spoke of allowing the salvage of wood and small scale salvage of metal and mentioned the need to have policies in place. He voiced concerns regarding liability.

Moved by Director Thiessen
Seconded by Director Illes

WMC.2017-1-6

"That the Waste Management Committee defer Motion WMC.2017-1-5 and further, that staff be directed to prepare a report in regard to wood and metal salvaging options to be brought forward at a future Waste Management Committee Meeting."

(All/Directors/Majority)

CARRIED UNANIMOUSLY

6

CORRESPONDENCE

Product Stewardship: An
Overview of Recycling in B.C.

Moved by Director Miller
Seconded by Director Illes

WMC.2017-1-7

"That the Waste Management Committee receive the correspondence from Product Stewardship RE: An Overview of Recycling in B.C."

(All/Directors/Majority)

CARRIED UNANIMOUSLY

SUPPLEMENTARY AGENDA

REPORTS

2017 Backyard Composting
Program

Moved by Alternate Director McGuire
Seconded by Director Illes

WMC.2017-1-8

"That the Waste Management Committee receive the Environmental Services Assistant's March 30, 2017 memo titled "2017 Backyard Composting Program."

(All/Directors/Majority)

CARRIED UNANIMOUSLY

Director Miller spoke of the importance of providing education in regard to diverting compost from the solid waste management facilities and the Backyard Composting Program provides the opportunity for education. Director Parker commented that he is attending the Fraser Lake Tradeshow in the near future and would be willing to have a composter at the booth to assist in further education.

Moved by Director Miller
Seconded by Director Parker

WMC.2017-1-8

"That the Waste Management Committee recommend that the Regional District of Bulkley-Nechako Board of Directors provide Director Parker, Electoral Area "D" (Fraser Lake Rural) a Backyard Composter for the Fraser Lake Tradeshow April 22, 2017.

(All/Directors/Majority)

CARRIED UNANIMOUSLY

Alternate Director McGuire spoke of the number of Single Family Households outlined in the memo titled "2017 Backyard Composting Program". Staff will review the Single Family Households numbers.

Director Thiessen recommended the use of the tumbler composters. Janette Derksen, Environmental Services Coordinator mentioned that the composter rebate program is being introduced for the purposes of allowing residents a choice in the type of composter they purchase.

7

pNEW BUSINESS

**Cardboard Ban and
Recycling of Cardboard**

Director Bachrach mentioned that there has been some concerns in regard to cardboard being dumped on the tipping floor of the Smithers/Telkwa Transfer Station. Mr. McKenzie mentioned that there has been a noticeable decrease in the amount of cardboard being dumped on the tipping floors of all RDBN Transfer Stations. He noted that at times when attendants are busy residents put cardboard on the tipping floor because not all residents have accepted the cardboard ban.

Alternate Director McGuire asked if a cardboard bin could be placed near the Granisle Fire Department. Staff suggested that the Village of Granisle contact Waste Management to determine if that is a possibility.

Director Thiessen mentioned that Vanderhoof has seen a reduction in cardboard due to out of town businesses no longer bringing cardboard to the Vanderhoof Transfer Station and the Nechako Waste Initiative building a business plan and collecting household cardboard.

**SPECIAL IN-CAMERA
EXECUTIVE COMMITTEE
MEETING MOTION**

Moved by Director Illes
Seconded by Alternate Director McGuire

WMC.2017-1-9

"In accordance with Section 90(1)(c) of the *Community Charter*, it is the opinion of the Board of Directors that matters pertaining to labour relations or other employee relations be held in confidence, and therefore exercise their option of excluding the public for this meeting."

(All/Directors/Majority)

CARRIED UNANIMOUSLY

ADJOURNMENT

Moved by Director Parker
Seconded by Director Illes

WMC.2017-1-10

"That the meeting be adjourned at 1:48 p.m."

(All/Directors/Majority)

CARRIED UNANIMOUSLY

Mark Fisher, Chair

Wendy Wainwright, Executive Assistant



REGIONAL DISTRICT OF BULKLEY-NECHAKO WASTE MANAGEMENT COMMITTEE

MEMORANDUM

To: Chairperson Fisher and the Waste Management Committee (July 20, 2017)

From: Rory McKenzie, Director of Environmental Services

Date: July 10, 2017

Subject: Salvaging of Woodwaste & Metal at RDBN Sites

At the April 6, 2017 Waste Management Committee meeting, the Environmental Services Department was asked to look at the feasibility of allowing salvaging of wood and/or metal at our transfer stations and landfills.

Wood Waste:

Wood waste is collected at all of the RDBN Waste Collection Sites except for the Clearview Landfill and is hauled to RDBN's nearest sub-regional landfill for disposal. The RDBN collects fairly large annual volumes of wood waste at all of our Transfer Stations and Knockholt Landfill. Clean wood waste is generally burned on site except for the Smithers and Vanderhoof Transfer Stations where clean wood waste is hauled together with the contaminated wood for landfilling. The cost of hauling wood waste to the landfill is significant and will continually increase as operational costs go up.

Currently, RDBN staff are lenient when it comes to salvaging. If salvaging were permitted, the RDBN would create a designated salvaging area and would need to put up appropriate signage at the wood pile at each site warning users that they are salvaging at their own risk.

Metal:

Unlike wood waste, metal generates revenue through recycling. The metal that is collected at the sites is recycled every 2 years. RDBN discourages large volume salvaging due to the revenue loss and risk associated with the pile of metal. Large volume salvaging causes issue with the possibility of unsightly premises and the loss of revenue for the RDBN's operations. However, if salvaging were permitted, the RDBN would create a designated salvaging area and appropriate signage would be posted at the metal pile at each site warning users that they are salvaging at their own risk. Also, permitting metal salvaging would address the issue that has been brought to the Board in the past of artisans who are wanting to salvage materials to create artwork. It would also help to promote reuse for the repair and maintenance of different appliances for those who are looking for that option.

For both materials, there is a risk of injury if people are allowed to salvage in the piles. Large volume salvagers should not be permitted to haul away large amounts of metal. Through the Municipal Insurance Association of BC, the RDBN does have insurance that will cover any incidents that may occur from the public salvaging. It is recommended by M.I.A. that regular salvagers would be asked to sign a waiver before being allowed to salvage at each site.

If a "designated salvage zone" was created for both wood and metal at each of our sites, it would cost approximately \$1,000 for signage per site (Eight sites with two areas each would total \$16,000).

If the decision was made NOT to allow salvaging at any of the RDBN sites, the Board would need to adopt a bylaw to enforce that.



RECOMMENDATION

(All/Directors/Majority)

1. That the Waste Management Committee receive the memorandum titled, "Salvaging of Woodwaste & Metal at RDBN Sites".
2. Further, that the Waste Management Committee provide direction on wood waste salvaging.
3. Further, that the Waste Management Committee provide direction on metal salvaging.



REGIONAL DISTRICT OF BULKLEY-NECHAKO
WASTE MANAGEMENT COMMITTEE
MEMORANDUM

To: Chairperson Fisher and Waste Management Committee (July 20, 2017)
From: Janette Derksen, Deputy Director of Environmental Services
Date: June 27, 2017
Subject: Recycling Services Funding Guidelines

Over the past numerous years, the Environmental Services Department has worked with the various recycling organizations in the region to come up with a proposal for RDBN funding to subsidize their recycling initiatives. These proposals were based on a number of guidelines regarding the materials that they collected for recycling. Since 2014, Recycle BC (formally known as MMBC) has come into play providing funding towards approved recycling organizations affecting a few of the RDBN guidelines that are set for regional funding.

The Environmental Services Department is currently working with one of the regions' largest recycling organization (SARS) that is subsidized by Recycle BC and other Stewardship programs, to come up with additional funding from the RDBN. Through this, the Recycling Services Funding Guidelines were drafted to assist with identifying possible areas where the RDBN could provide funding. Please see attached. These Guidelines will be able to assist other recycling organizations in future proposals.

RECOMMENDATION

(All/Directors/Majority)

1. That the Waste Management Committee receive the memorandum titled, "Recycling Services Funding Guidelines"



Recycling Services Funding Program Application Guidelines

Revised: June 2017



Table of Contents

1	Background	3
2	Funding Program Goal.....	3
3	Funding Program Objectives	3
4	Eligible Projects and Materials.....	3
5	Non-Eligible Projects and Materials.....	4
6	Time Period for Funding Availability	5
7	Application Process	5
8	Reporting Requirements for Approved Projects.....	5
9	Appendix "A" – Application Details.....	7



1 Background

The Regional District of Bulkley-Nechako recognizes the importance of promoting and encouraging the development of reduce, reuse and recycling principles within RDBN boundaries. To that end, the Board of Directors have initiated a funding program that will assist in the development and implementation of initiatives that will ultimately reduce the amount of waste requiring landfilling in the RDBN.

2 Funding Program Goal

To promote and encourage the development and implementation of innovative 3R's (reduce, reuse, recycle) initiatives reflected in the current Solid Waste Management Plan on a region wide basis.

3 Funding Program Objectives

- Assist in reducing the amount of waste landfilled within the RDBN;
- Support the development of 3R's solid waste based businesses as part of a sustainable, regional economy;
- Ensure that the funding process is straightforward and efficient;
- Ensure that funded projects are accountable for activities through reporting measures.

4 Eligible Projects and Services

The intent of this program is to be as inclusive as possible and to encourage the development of innovative ideas with respect to 3R's (reduce, reuse, recycle) initiatives outlined in the current RDBN Solid Waste Management Plan.

Eligible applicants include:

- Non-Profit Organizations
- Businesses and Individuals - Businesses and individuals may be eligible to receive funding, however the distribution of funds will be on a fee for service basis, under a "partnering agreement", which is defined as an agreement with a person or public authority under which that person or public authority agrees to provide a service on behalf of the local government. **Program Funding must not be used for development of capital infrastructure by any businesses or individuals.**

Eligible projects and services include, but may not be limited to:

- The operation of a recycling depot and the collection, processing and transport of recyclable materials to an appropriate end use (excluding materials that are already being covered by a RecycleBC or Stewardship program in a community). This could include snow plowing/sanding costs or land rental for an ICI mixed paper bin area. It might also



cover employee or accounting costs. Administration or insurance costs might be eligible as well;

- Collection, processing and composting of organic material;
- Collection, processing and manufacturing of a “new” product from waste materials.

Funding is available for projects that ultimately reduce the amount of waste, generated from residential, commercial and institutional sources, requiring landfilling at RDBN landfills. All materials currently found in the RDBN waste stream may be considered in the development of a project. Some example materials that may be considered for a project include:

- Organics (garden, kitchen and landscaping waste);
- Paper (office paper, boxboard, newsprint, magazines);
- Plastics;
- Textiles.

Note: All projects must be in compliance with applicable Federal, Provincial (BC) and local regulations. Projects must be initiated within RDBN boundaries and provide services to RDBN residents (both rural and municipal) and be approved by local government.

5 Non-Eligible Projects and Materials

Applications will not be entertained that are out of compliance with any local government / Regional District policies or other applicable regulations.

Materials that are not eligible for funding include, but may not be limited to:

- Materials (products) that are not in the RDBN waste stream (eg. industrial waste);
- Materials with well-established recycling infrastructure (i.e. scrap metal);
- Products covered under Provincial (BC) or Federal recycling (stewardship) regulations, which currently include:
 - Residential paper, cardboard, plastics etc. if a RecycleBC program is in place in the community;
 - Industrial, commercial or institutional corrugated cardboard, as this sector is responsible for the costs associated with recycling this material;
 - Beverage containers;
 - Paint;
 - Solvents, flammable liquids, gasoline, pesticides;
 - Electronics (televisions, computers);
 - Lead-acid batteries;
 - Tires;
 - Used lubricating oil, filters and oil containers;
 - Pharmaceuticals.



6 Time Period for Funding Availability

The Regional District of Bulkley-Nechako has supported recycling for a number of years through this program. Applications for each budget year need to be submitted at least 60 days before the beginning of the new fiscal year (January 1st) eg. October 31st of fiscal year. The Regional District reserves the right to discontinue the funding program at any time and all funding is contingent on sufficient budget.

7 Application Process

The application process can be described as follows:

- 1) Project Proponent is to develop application or proposal for funding (Suggested project application guidelines have been developed to assist Proponents, Municipalities and Area Directors in approving project proposals. These guideline documents can be found in Appendix "A".);
- 2) Application (proposal) is to be submitted to Municipal council for review if programs within the project affects the municipality in terms of operation and awareness or if portion of the revenue for the project is funded by the municipal budget. This is to insure that the program(s) falls in line with current municipal goals and objectives and doesn't create overlap.
- 3) Application (proposal) is to then be submitted to the Regional District of Bulkley-Nechako for approval. Electoral Area Director will review received applications for informational purposes to allow for comment or concern to be brought forward;
- 4) The Regional District will then develop contracts with successful applicants and distribute funding as appropriate. Regional District Board of Directors will make final approval for funding. Please note that a requirement of funding approval will be the need to submit to the Regional District a report of activities conducted utilizing 3R's funding (see Section 9 for further details). The due date for the report will be determined on a project by project basis.

8 Reporting Requirements for Approved Projects

A report is to be submitted to the Regional District, monthly in the case of an ongoing contract, annually in the case of multi-year projects or within 60 days of project completion for projects with a duration of less than one year.

The report should relate back to the original project application and include the following:

1. **Project Name**
2. **Project Description**
 - a. Include list of activities completed or initiatives undertaken.
Eg. Products to be collected, number of bin pickup, bin inspection schedule, employee training program, other recycling services.



3. Listing of Project Successes

- a. List initial project goals and objectives.
- b. If goals or objectives included in the original project proposal were not achieved, please list.
- c. A comparison of the estimated diversion numbers to actuals should be included as a measure of the success of the project.

4. Educational Component

- a. Describe the type(s) of public education activities completed.

5. Financial Statements

- a. Provide a full financial statement of the project including the amount of financial support contributed by the RDBN and any in-kind contributions (template example provided in Appendix B).

6. Future Recommendations

- a. List any proposed changes to the project that would result in better project performance (What would you have done differently?).



Appendix "A" – Application Details

Applications for funding are to include the following information:

1. **Project Name**
2. **Organization Name (required)**
 - a. All registered companies and societies must provide proof of good standing.
3. **Primary Contact Information (Required)**
 - a. Name
 - b. Daytime Phone
 - c. E-mail
 - d. Mailing Address
 - e. Street Address
4. **Brief Outline of 3R's Project(s)**
5. **Description of Operation**
 - a. Describe the project. Eg. Composting, Recycling, Manufacturing
 - b. Location(s)
 - c. Hours of Operation (if applicable)
 - d. Processing methods. Eg. How are recyclables sorted and prepared for shipping.
6. **Services and/or Materials to be Included in Project**
 - a. Provide a description of services that will be delivered in this project
 - b. Provide a list of the materials to be diverted from landfilling by the project and estimate the amounts to be diverted. Also describe how the diversion estimates were developed.
7. **Educational Component of Project**
 - a. Please describe the public education component of your project.
 - b. Describe the desired learning objectives, target audience and education strategies and tools to be utilized (eg. website, newspaper, radio ads, displays, signage).
8. **Financial Statement (Required)**
 - a. A detailed financial statement for the fiscal period in which funding is requested must be included in the application.
9. **Declaration Statement (Required)**
 - a. The following paragraph and signature authorization must be included in the application:

In making this application, we the undersigned, declare to the best of our knowledge, the information contained in this application is correct and all required information is enclosed. Further, that should our proposal be accepted in part or in whole, that the funding will be used for the stated purposes only, and that we will comply with all terms and conditions as outlined.

Applicant Name – Please Print

Applicant Signature

Date



Appendix "B" – Detailed Project Budget

REVENUES		DESCRIPTION
<i>Eg.</i>	<i>Municipal Contributions</i>	<i>\$0.00</i>
	<i>In-kind Contributions</i>	<i>\$0.00</i>
	<i>Product Revenue(s)</i>	<i>\$0.00</i>
	<i>Proposed Regional Contribution</i>	<i>\$0.00</i>
TOTAL		\$0.00
EXPENSES		
<i>Eg.</i>	<i>Building maintenance</i>	<i>\$0.00</i>
	<i>Signage</i>	<i>\$0.00</i>
	<i>Utilities</i>	<i>\$0.00</i>
	<i>Property Insurance</i>	<i>\$0.00</i>
	<i>Employee Wages</i>	<i>\$0.00</i>
	<i>Other</i>	<i>\$0.00</i>
TOTAL		\$0.00

Please include all revenue and expenses that pertain to the project that is listed in the proposal. The above are examples of what you should include.

Recycling Council of BC – Summit of Solutions

June 21 – 23 2017.

Report – Mark Fisher

Sessions.

- Session 1. Illegal Dumping – developing provincial collaboration
- Session 2. Product Stewardship and the Circular Economy
- Session 3. Principles for Circularity
- Session 4. Practices for Circularity
- Session 5. Textile Recovery and Diversion
- Session 6. Strategies and Impacts
- Session 7. Communications and Messaging

Presentation overview - <http://www.rcbcconference.ca/presentation-summaries.html>

Speaker presentations / power point - <http://www.rcbcconference.ca/program-details-june-21.html> (must click on box on upper right to get following day presentations)

Session Notes.

Illegal Dumping

- need to clearly define various jurisdictional rolls (CO, RD, MOE, RCMP, etc.)
- best practices
 - o develop clear online reporting tool
 - o bylaws – be hardcore – big minimum fines, if unpaid then property tax. Need staff to enforce.
 - o tag illegal dumped items as such (public shaming)
 - o use social media for awareness (and public shaming), run it with volunteer
 - o create strategy with focus on education; infrastructure; enforcement. Australia ahead with this. Use as model.
 - o LIPU (large item pick up) programs, pop up drop off days, ‘trash bash’
- Research shows that tipping fees don’t impact issue
- Actions / ideas – waive fee for volunteer clean ups, adopt a block (or RD EA equivalent), cameras, restorative justice (partner with court system!), partnerships/sponsors (e.g. community forest pay for staff to help, partner with neighbouring RDs), ‘cover your load’ fines, communication with focus on issue not particular items , advocacy (for more federal/provincial \$/involvement) at UBCM, etc.

Product Stewardship and the Circular Economy

- look at geographic targets – if do this then several EPR programs may develop, not just Recycle BC (formerly MMBC)
- goal of residential recycling is not to perpetuate a recycling system but to move towards a circular economy (with producers self collecting, product management).

Essentially circularity versus EPR. Circularity drops the 'e' and move towards just 'producer responsibility'.

- SSM – sustainable material management – need to look at life impacts / cumulative impacts of all processes and components of product (e.g. even though a flex coffee container not recyclable it has much less overall impact in terms of GHG, land/water use, total tonnes landfilled, etc. than recyclable tin).

Specific Products

- Textiles – estimate only 20% recycled, 80% into landfill, estimate that 5% of landfill volume is textiles.
- Packaging – switching from a commodity to a service. Cascades and other industry admit fault at poor recovery rates, re-use capacity, etc., Shift to control over material to recover for re-use in own products.
- Construction
 - o construction industry evolution and job creation through bylaws that require deconstruction versus demolition, building code adjustments that allow certain material to be reused for certain applications (non structural). Australia and Northwest US states allowing it.
 - o Tool and supply remanufacturing. Companies decreasing cost (some 60%), passing on some savings to consumers, building customer loyalty and trust. Circular economy is good business sense.
- Electronics – recycling at up to this point is costly (lifespan of workers 5 years). Canadian company Ronin 8 leading major change with new sound wave in water technology that fully recovers all metals safely and efficiently. Dell moved to closed loop manufacturing, diverting 17 billion tonnes of material since 2007.
- Organics – studies show regional composting facilities save RD's money (not clear if same for rural/smaller communities). Metro Van did educational campaign at www.lovefoodhatewaste.ca

Networking opportunities

- connections made with other northern RDs and started discussions about working together. While conference was great, information all relevant, some solutions need to be tweaked to northern / rural communities. Perhaps have a northern gathering?
- meeting with Sue Maxwell re Local Government Official working group and Provincial Zero Waste Strategy advocacy (UBCM motion, advocacy with Ministers, UBCM morning workshop)
- networked with consultants who have said they would apply to SWMP RFP
- network with textile collectors (Diabities). They have followed up and would like to look at potential of partnering with RD.

Top Three Take Away

1. Biggest take away is that EPR is transitioning to the circular economy. 3 decades of regulation focused on elimination of waste with no success, now just redefining 'waste' and focusing on less virgin material as input. Industry is leading the

transition. Government must keep up to speed and fully understand where things are headed in order to be relevant partners, have relevant waste management systems, and appropriate bylaws that support the circular economy.

2. 3 keys to successful SWMP and implantation - community involvement, ongoing, set goals and strategy !!! Constant and ongoing. For example, Markham ON just did a 3 yr diversion plan (not a big 20yr SWMP) to look at small, do-able, and effective changes/policy changes. RDKS doing regular reviews. Part of new BC legislation is advisory group – use them continually and involve industry who are changing on their own every day.
3. RDBN, BVBD, others such as Salvation Army, New to You, etc. need to be continually updating RCBC for their website and directing the public to this site... or continually be producing comprehensive and up to date recycling information for each community. Is this something staff could help coordinate?