

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

Thursday, November 4, 2021

<u>PAGE NO.</u>		<u>ACTION</u>
	<u>CALL TO ORDER</u>	
	<u>AGENDA</u> – November 4, 2021	Approve
	<u>SUPPLEMENTARY AGENDA</u>	Receive
	<u>MINUTES</u>	
2-4	Waste Management Committee Meeting Minutes – October 7, 2021	Approve
	<u>ADVOCACY AND COMMUNITY ENGAGEMENT</u>	
	None	
	<u>SOLID WASTE ADVISORY COMMITTEE UPDATE</u>	
	None	
	<u>POLICY REVIEW</u>	
	None	
	<u>DIVERSION & RECYCLING</u>	
5-20	Alex Eriksen, Director of Environmental Services - Metal Salvaging at RDBN Sites	Receive
	<u>OPERATIONS UPDATE</u>	
	Alex Eriksen, Director of Environmental Services - Verbal Update - Grinding Demo	
	<u>MISCELLANEOUS</u>	
21-22	Alex Eriksen, Director of Environmental Services - 2021 Revenue from Pipeline Camps and Out-of- Region Sources	Receive
	<u>SUPPLEMENTARY AGENDA</u>	
	<u>NEW BUSINESS</u>	
	<u>ADJOURNMENT</u>	

REGIONAL DISTRICT OF BULKLEY-NECHAKO**WASTE MANAGEMENT COMMITTEE MEETING****Thursday, October 7, 2021**

PRESENT:

Chair	Mark Fisher
Directors	Gladys Atrill – via Zoom Shane Brienen Chris Newell Jerry Petersen Michael Riis-Christianson Gerry Thiessen
Staff	Curtis Helgesen, Chief Administrative Officer Cheryl Anderson, Director of Corporate Services Janette Derksen, Waste Diversion Supervisor Alex Eriksen, Director of Environmental Services John Illes, Chief Financial Officer Deborah Jones-Middleton, Director of Protective Services Wendy Wainwright, Executive Assistant/Recording Secretary
Others	Dolores Funk, Village of Burns Lake – via Zoom Clint Lambert, Electoral Area “E” (Francois/Ootsa Lake Rural) Annette Morgan, Village of Telkwa Linda McGuire, Village of Granisle Bob Motion, District of Fort St. James – via Zoom Daniella Oake, Forester, Hampton Affiliates Mark Parker, Electoral Area “D” (Fraser Lake Rural)
Media	Eddie Huband, LD News

CALL TO ORDER

Chair Fisher called the meeting to order at 11:43 p.m.

AGENDAMoved by Director Newell
Seconded by Director PetersenWMC.2021-4-1

“That the Waste Management Committee Agenda for October 7, 2021 be approved.”

(All/Directors/Majority)

CARRIED UNANIMOUSLY**MINUTES**Waste Management
Committee Meeting Minutes
-May 13, 2020Moved by Director Newell
Seconded by Director PetersenWMC.2021-4-2

“That the Minutes of the Waste Management Committee for May 13, 2021 be approved.”

(All/Directors/Majority)

CARRIED UNANIMOUSLY**ADVOCACY AND COMMUNITY ENGAGEMENT**

None

SOLID WASTE ADVISORY COMMITTEE UPDATE

Verbal Report – Recruitment Campaign

Alex Eriksen, Director of Environmental Services provided an overview of the Solid Waste Advisory Committee Recruitment Campaign. Application Forms are nearly complete and a list of past participants has been compiled. He noted that the Committee will comprise of First Nations, municipal and industry stakeholders. Mr. Eriksen will bring forward a report at a future Waste Management Committee regarding membership. Chair Fisher requested that the invitation be forwarded to all RDBN Board members as well and that an update at a future meeting be provided regarding youth participation.

Receipt of Verbal Report

Moved by Director Brienen
 Seconded by Director Newell

WMC.2021-4-3

“That the verbal report be received.”

(All/Directors/Majority)

CARRIED UNANIMOUSLY

POLICY REVIEW

None

DIVERSION & RECYCLING

None

OPERATIONS UPDATE

Department Activity Update

Moved by Director Riis-Christianson
 Seconded by Director Brienen

WMC.2021-4-3

“That the Committee receive the Director of Environmental Services’ Department Activity Update memorandum.”

(All/Directors/Majority)

CARRIED UNANIMOUSLY

Discussion took place regarding:

- Cleanfarms Farm Plastic Recycling Pilot Program
 - o Currently monitoring participation
 - o Working with RDBN Ag Coordinators to promote the program
 - o Director advocacy for the program
- Appreciation for RDBN Transfer Stations and Landfill staff and the work that is being conducted at the sites
- Recruitment: Environmental Services Coordinator
- Metal Salvaging
 - o Contract for metal recycling
 - o Current contract to remove all metal from sites
 - o Metal recycling revenue
 - o Reconfigure metal areas at sites
 - o Staff will bring forward a report at a future meeting
- 2021 work plan focused on waste wood
 - o Not permitted to burn used wood at Transfer Stations
 - o Taken to landfill and buried
 - o Investigating options for usages
 - o Waste wood piles at Transfer Stations

OPERATIONS UPDATE (CONT'D)

- Knockholt Landfill
 - o Diversion of cardboard
 - o lifespan and on-going management
 - o Capacity issues due to additional camp waste and residential waste
 - o Design interferences for landfill expansion
 - Due to weather and other factors only able to complete an extension of the landfill and not the full landfill expansion
 - o Two streams of camp waste
 - C&D (Construction & Demolition)
 - Kitchen/general waste
 - o Camp waste price per tonne
 - o Some items receive a handling fee
- Northwest BC Resource Benefits (RBA)
- Information regarding the cost allocation of pipeline companies and Provincial government commitments would be beneficial
- Staff will provide an update at a future meeting in regard to pipeline waste and bearing on RDBN budget.

MISCELLANEOUS

None

ADJOURNMENT

Moved by Director Newell
 Seconded by Director Brienen

WMC.2021-4-4

"That the meeting be adjourned at 12:12 p.m."

(All/Directors/Majority)

CARRIED UNANIMOUSLY

Mark Fisher, Chair

Cheryl Anderson, Director of Corporate Services



REGIONAL DISTRICT OF BULKLEY-NECHAKO

MEMORANDUM

TO: Chair Fisher and Waste Management Committee

FROM: Alex Eriksen, Director of Environmental Services

DATE: November 4, 2021

SUBJECT: Metal Salvaging at RDBN Sites

RECOMMENDATION: (all/directors/majority)

That the Committee receive this Memo.

BACKGROUND

The topic of metal recycling has been a significant item of discussion over the years at the RDBN. In 2017, the Board passed the following motion:

“That the Waste Management Committee recommend that the Regional District of Bulkley-Nechako Board of Directors ban salvaging of metal at all RDBN Transfer Stations and Landfills.”
CARRIED

Based on the information outlined in previous staff reports (attached), staff would recommend that the Board direction provided in 2017 be maintained.

The RDBN historically requests quotes for 2-year recycling contracts. The below table summarizes the contract revenues from the previous 3 contracts.

Historical Revenue from Metal Recycling							
Year	2015	2016	2017	2018	2019	2020	2021
Contract Revenue	\$52,861		\$223,594		\$467,802		\$0
Contract Price/MT	\$20.28		\$69.71		\$96 (60%)/\$75 (40%)		\$131.60
Payment Received	\$20,548	\$32,313	0	\$223,594	\$37,553	\$26,342	\$403,907

While the metal market price does fluctuate, the table clearly demonstrates that the ban on public salvaging attracts higher bid prices for these contracts and significantly higher revenue.

Respectfully submitted,



Alex Eriksen
Director of Environmental Services

Attachments:

1. April 2013 Staff Report
2. July 2017 Staff Report



REGIONAL DISTRICT OF BULKLEY-NECHAKO

MEMORANDUM

To: Chairperson Bachrach and Waste Management Committee (April 4, 2013)

From: Janine Dougall
Director of Environmental Services

Date: March 25, 2013

Subject: Salvaging at RDBN Solid Waste Management Facilities

The purpose of this memorandum is to bring forward to the Waste Management Committee concerns regarding salvaging activities occurring at RDBN solid waste management facilities.

Salvaging activities have occurred historically at solid waste management facilities, and even encouraged by the RDBN in the form of providing designated salvage areas (eg. lawn mowers/bike parts) as well as re-use sheds. Salvaging can be argued is a type of re-use activity. Historically however, salvaging and re-use activities were isolated and manageable. For example, typical salvaging activities used to be a member of the public looking for a part for a washer or dryer, a bike part or taking a toaster from the re-use shed.

Salvaging activity, especially salvaging of metal, at the RDBN solid waste management facilities has over the last number of years escalated in intensity and has become a significant health and safety concern as well as liability issue, primarily as a result of the value of scrap metal.

Liability/Health and Safety Issues

The RDBN has taken steps to try to curb inappropriate/dangerous salvaging activities in an effort to reduce liability risk to the RDBN. These steps have included:

- Placing general "liability" signs at the facilities.
- Designating areas of the sites as "no-salvage" zones due to risk of falling objects (eg. main metal pile and wood piles). Signs have been posted on the sites to inform the public of the "no-salvage" zones and barriers have been constructed to place in front of the main metal pile as an additional visual deterrent.
- Designating areas of the sites as "no-access" zones for the general public such as the tipping floor of the larger transfer stations.

The following are examples of incidents that have occurred that are of significant concern and can be directly attributed to the escalation of salvaging activities:

1. Un-authorized access to the metal pile/wood pile:
 - a. Adults/children climbing onto the metal pile
 - b. People hooking up a cable to an object in the metal pile and then pulling it out with a



- truck while other people are close by. Not only is this extremely dangerous but it makes the metal pile unstable.
- c. Salvagers are using picker cranes to pull metal from the metal piles and load it onto their pickup trucks. This activity also makes the piles unstable and dangerous and is extremely unsafe for attendants and the public.
 - d. People smashing apart hot water tanks leaving the insulation scattered all over metal storage area (added RDBN cost re cleanup)
2. Un-authorized access to “salvaging prohibited”/”no-access” areas:
 - a. Transfer Station Tipping Floor
 - i. Transfer station attendants have had salvagers try to access the tipping floor of the building to take materials/products.
 - b. Auto Battery Collection Bins
 - i. Salvagers have removed auto batteries from the site.
 - c. Propane Tank Collection Area
 - i. Salvagers have opened up the valves on all of the collected propane tanks to let the gas out in order to take the brass valves out of the tanks when the attendants are busy. This can result in a fire/explosion hazard or death.
 3. Conflict between salvagers:
 - a. Verbal confrontations are becoming more frequent.
 - b. Posturing at “salvage zones”.
 - c. Loitering
 4. Salvager/General Public Interaction
 - a. Aggressive behaviour from salvagers wanting materials/products dropped off by the general public. Unloading public vehicles without authorization from the owner.
 - b. Salvager aggressive/intimidating behaviour toward general public at drop off areas if general public trying to “look for a part”.
 5. Conflict between salvagers and RDBN employees
 - a. The majority of complaints received from the public regarding RDBN attendants is directly linked to inappropriate/unauthorized salvaging activities.
 - b. Verbal confrontations are becoming more frequent. Some salvagers view their access to the metal and wood piles as a personal right. It is becoming more difficult for RDBN Attendants to safely control/enforce site rules.
 - c. A documented incident of physical violence has now occurred at one of the RDBN facilities.

The issues resulting from large scale salvaging from RDBN facilities are not confined to the waste management sites. Once scrap metal or products are removed from the site, the materials are taken to properties potentially not authorized (eg. zoned) for salvage and once the metal has been removed from the products, the debris is either left on property (unsightly premises, contaminated sites) or brought



back to solid waste management site for disposal.

Re-Use Shed Challenges

Re-use sheds that are properly utilized by the general public are considered by many as a very positive initiative in the support of waste minimization (the second “R” in the 3R’s) principals.

Re-use sheds however that are abused or not used properly can be considered as a liability risk and have inherent problems. The following are just some examples of the “challenges” encountered in the operation of re-use sheds in the RDBN:

1. Salvager aggressive/intimidating behaviour toward general public trying to “look” in re-use sheds. Complaints have been received by attendants re salvager behaviour.
2. Salvagers cutting electrical cords off of appliances/TV’s/computer monitors, virtually anything with an electrical cord for scrap metal, thus rendering the unit unusable.
3. Salvagers taking electronics from the re-use shed and demolishing them over at the metal pile. Leaving the waste for RDBN attendants to clean up.
4. Salvagers backing up to the re-use shed with a vehicle and removing everything in the shed that has an electrical cord. Bringing back the “smashed” products to the transfer station for disposal.
5. Salvagers backing up to the re-use shed with a vehicle and removing everything from the shed. Sort what they want and don’t want at home. Complaints from other members of the public have been received by the RDBN attendants regarding this practice.
6. Generally the public brings in clothing articles in either garbage bags or boxes for placement in the re-use shed. Users of the re-use sheds sort through the clothing and typically throw the unwanted items onto the floor. These items ultimately wind up being thrown out by the Transfer Station attendants.
7. Loitering
 - a. Salvagers hang out near the re-use sheds resulting in vehicle congestion.
 - b. The re-use shed at the Knockholt Landfill was used by a small group of people as a location to hang-out/relax and drink alcohol.
8. Children accessing the re-use sheds. At one of the RDBN transfer stations a child was actually run over by a vehicle. Thankfully the child was ok. Children are quite often left at the re-use sheds unattended while parents access other areas of the site.
9. Cleanliness – difficult for attendants to keep sheds neat and tidy.
 - a. Materials such as dirty clothing, broken toys and soiled mattresses are placed in the re-use shed. These items should be thrown away.
10. Liability Issues
 - a. Hazardous wastes inappropriately placed in re-use shed (cleaning products).
 - b. Potentially contaminated items such as clothing and toys being accessed by the general public.
 - c. Removal of items such as children’s car seats/strollers, which may or may not meet current certification standards.



Many times the products removed by salvagers from the re-use sheds, in their intact form, can be recycled under industry led (EPR) programs (example, TVs, small appliances). These products however are not recyclable once the metal has been removed and the products smashed, so allowing salvagers to strip products of metal components ultimately results in more waste being landfilled.

In addition, the RDBN has been trying to promote the development of additional services associated with industry led recycling programs. Allowing products covered by EPR programs to be dropped off in the re-use sheds detracts from the viability of the establishment of these additional services. For example in Fraser Lake, where there is a depot for electronics recycling, the RDBN has tried to work with the local depot operators to have them come to the transfer station to remove EPR program products from the re-use shed on a regular basis. Unfortunately, the RDBN could not stop salvagers from taking the products from the site first. The RDBN has now posted signage at the Transfer Station that requests that these EPR products be taken to the local depot rather than placed in the re-use shed. This signage however is still being ignored by some, as they view the transfer station as a more convenient drop off site.

The following is a table which lists the most common items currently found in the re-use sheds and the alternative locations that these items could be taken.



Material	Alternative End-of-Life	Locations
Electronics <ul style="list-style-type: none"> • Televisions • Computers • Stereos • Video Gaming equipment 	Extended Producer Responsibility <i>Encorp Electronics Recycling Program</i>	Fraser Lake Bottle Depot Houston Recycling Bulkley Valley Bottle Depot (Smithers)
Small Appliances <ul style="list-style-type: none"> • Toasters • Coffee Makers • Microwaves • Power Tools 	Extended Producer Responsibility <i>ElectroRecycle Small Appliance Program</i>	Fraser Lake Bottle Depot Houston Recycling Bulkley Valley Bottle Depot (Smithers)
Lighting Fixtures and Light Bulbs <ul style="list-style-type: none"> • Table lamps • Ceiling fixtures/fans • Fluorescent tubes 	Extended Producer Responsibility <i>LightRecycle Program</i>	Fraser Lake Bottle Depot Houston Recycling Bulkley Valley Bottle Depot (Smithers) McLeod's True Value Hardware (Fort St. James)
Electronic Toys <ul style="list-style-type: none"> • Battery-powered plush toys • Remote control toys • Ride on vehicles • "Just like real life" toys (eg. Easy bake oven) 	Extended Producer Responsibility <i>Electronic Toy Stewardship Program</i>	BBK Bottle Depot - Prince George, BC
Clothing and Shoes	Thrift Stores	Salvation Army – Houston and Smithers New to You Thrift Store – Smithers The Bargain Basement – Fort St. James Burns Lake Thrift Store Act II Thrift Store - Vanderhoof
Non-electronic toys	Thrift Stores	Houston/ Smithers/Burns Lake/Fort St. James/Vanderhoof
Sports Equipment	Sports Consignment Stores Thrift Stores Internet Buy and Sell websites (eg. Kijiji, Craigslist)	Custom Edge Sports – Prince George
Books and Magazines	Thrift Stores	Houston/ Smithers/Burns Lake/Fort St. James/Vanderhoof
Kitchen hardware <ul style="list-style-type: none"> • Cups/plates • Cutlery/utensils 	Thrift Stores	Houston/ Smithers/Burns Lake/Fort St. James/Vanderhoof
Nicknacks <ul style="list-style-type: none"> • Vases • Figurines 	Thrift Stores	Houston/ Smithers/Burns Lake/Fort St. James/Vanderhoof
Furniture <ul style="list-style-type: none"> • Tables/chairs • Couches • Side tables 	No alternative location at this time	



Photographs

Photograph 1 – Smithers/Telkwa Transfer Station – Salvaging (Re-Use Rules) Sign





Photograph 2 – Smithers/Telkwa Transfer Station – Re-Use Shed



Photograph 3 – Smithers/Telkwa Transfer Station Area Outside of Re-Use Shed





Photograph 4 – Re-Use Shed Example Electronics and Example Sign Placed at Smithers/Telkwa Transfer Station





Re-Use Shed Rules

Failure to abide by these rules may result in the closure of this re-use shed.

- ✓ **Only items in good, reusable condition will be accepted.**
- ✗ **NO broken, dirty, or unusable items!**

Please do not drop off **electronics** or **small appliances** at the re-use shed.





Electronics (televisions, VCRs, stereos, computer monitors/towers/accessories, etc.) can be taken to the Bulkley Valley Bottle Depot for recycling.

Small appliances (microwaves, coffee makers, blenders/food processors, blow dryers, etc.) can be taken to the Bulkley Valley Bottle Depot for recycling.

*Bulkley Valley Bottle Depot
 3318 Victoria Drive, Smithers*

PLEASE HELP US KEEP OUR REGION AS GREEN AS POSSIBLE!



Photograph 5 – Vanderhoof Transfer Station Re-Use Shed (Typical Conditions)





Photograph 6 – Smithers/Telkwa Transfer Station Re-Use Shed Clothing Example



Photograph 7/8 – Re-Use Shed Example of Hazardous Waste Drop Off (Vanderhoof)





Financial Considerations

Allowing or not stopping salvaging of metal products from RDBN solid waste management facilities also has a significant financial impact to the RDBN. The RDBN segregates recyclable metals from the main waste stream by stockpiling these materials in designated areas of the facility. These stockpiles of metal are removed by a reputable metal recycler based on a contract with the RDBN. In the past, the removal of metal was on a no-cost, no-revenue basis, however with the price of metal having increased, the Regional District now receives revenue from the collected metal. The most recent payment rate in 2011/2012 was \$165/metric tonne and the RDBN generated a total revenue of approximately \$485,000.

There are currently multiple individuals that are removing substantial amounts of metal from the metal collection areas. The volume of metal being removed is significant with, in some cases, truck loads being removed by these individuals on a daily basis. This activity is not a simple case of the general public needing a toaster, a part or a small piece of metal, it is a significant revenue generating activity for the salvagers. RDBN Staff have estimated that one salvager accessing one of the RDBN transfer stations removed approximately \$50,000 worth of metal from the site in one year. This estimate was generated based on visual observations of the number of truckloads of metal removed and an estimated tonnage per load.

Discussion

Staff have given a great deal of thought as to how to effectively deal with the escalating and dangerous salvaging activities occurring at RDBN facilities. Staff are proposing three different options for the Waste Management Committee to consider. In developing these options, staff have tried to be cognizant of the potential desire to continue to allow some salvaging at the sites, while balancing the need to address the significant health, safety and liability issues being encountered. Please note that should the Waste Management Committee wish to pursue banning salvaging activities, RDBN staff would have to further investigate the best approach and costs associated with implementation of the ban.

Option 1

Completely ban salvaging activities at RDBN solid waste management facilities including closing the re-use sheds.

Option 2

Ban salvaging activities at RDBN solid waste management facilities at all areas of the site other than the re-use sheds. In addition, limit the acceptable materials to be placed in the re-use sheds to furniture items (excluding mattresses) only. Put up signage that would educate the public regarding alternative drop-off locations for items such as electronics, toys, small household items, etc.

Option 3

Ban salvaging activities at RDBN solid waste management facilities at all areas of the site other than the re-use sheds. Allow the re-use sheds to continue to operate as is, and the RDBN will continue to promote available EPR recycling options.



A further option would be to leave things “as-is”. This approach however will not address the significant health, safety and liability issues being encountered at RDBN solid waste management facilities. At this time, direction is being sought from the Waste Management Committee regarding this issue.

RECOMMENDATION

(All/Directors/Majority)

1. That the Environmental Services Committee receive the memorandum titled, “Salvaging at RDBN Solid Waste Management Facilities” and dated March 25, 2013.
2. Further, that the Waste Management Committee provide direction as to a recommended course of action regarding salvaging activities at the RDBN Solid Waste Management facilities.

Respectfully submitted,

Janine Dougall

Director of Environmental Services



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

MEMORANDUM

TO: Chair Fisher and Waste Management Committee

FROM: Alex Eriksen, Director of Environmental Services

DATE: November 4, 2021

SUBJECT: 2021 Revenue from Pipeline Camps and Out-of-Region Sources

RECOMMENDATION: (all/directors/majority)

That the Committee receive this Memo.

BACKGROUND

At the October 7, 2021 Waste Management Committee meeting, the committee requested a summary of the disposal revenues at RDBN Landfills from Pipeline Camps and Out-of-Region sources. The request resulted from discussions regarding Landfill capacity, current disposal volumes and additional labour requirements. The committee was interested to know if the revenue generated by Pipeline camps and Out-of-Region generators would offset the cost of additional labour at the Clearview Landfill and early expansion costs.

REVENUE

The following table summarizes the revenue generated by pipeline camps and out-of-region sources in 2021.

2021 Pipeline Camp and Out-of-Region Revenue			
Material	Fee per Metric Ton	Clearview Landfill	Knockholt Landfill
In-Region Camp General Waste	\$130.00	\$32,929.00	\$28,506.40
In-region Camp C&D	\$160.00	\$153,257.60	\$51,446.40
In-Region Total		\$186,186.60	\$79,952.80
Out-of-Region Camp General Waste	\$260.00	\$142,451.40	\$0.00
Out-of-Region Camp C&D	\$320.00	\$1,870.40	\$0.00
Out-of-Region C&D	\$160.00	\$90,214.40	\$0.00
Out of Region Asbestos C&D	\$320.00 + \$100 per load	\$8,023.00	\$0.00
Out-of-Region Total		\$242,559.20	\$0.00
Regional Total		\$508,698.60	

LABOUR

Additional labour was required at the clearview landfill in order to handle the additional waste and regular activities. Since May 2021, there has been a full-time temporary employee at the Clearview Landfill for a total approximate cost of \$35,000.

Respectfully submitted,



Alex Eriksen
Director of Environmental Services