PEACE RIVER REGIONAL DISTRICT
Solid Waste Committee

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for the meeting to be held on **November 2, 2017**
at the Regional District offices, 1981 Alaska Avenue, Dawson Creek, BC
commencing at 10:00 am

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

1. **Call to Order:**

2. **Notice of New Business:**

3. **Adoption of the Agenda:**

4. **Adoption of the Minutes:**
   - M-1 Solid Waste Committee Meeting Minutes of October 5, 2017

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

6. **Correspondence:**
   - C-1 October 6, 2017 – Tomslake Transfer Station

7. **Reports:**
   - R-1 October 25, 2017 – Scope of Work increase to Contract No. 07-2015 NPR Landfill
   - R-2 October 26, 2017 – Purchase of landfill gas by Pacific Northern Gas
   - R-3 October 26, 2017 – Solid Waste Education and Outreach Survey – Results
   - R-4 October 26, 2017 – Dawson Creek Transfer Station – Seasonal Hours

8. **New Business:**

9. **Items for Information:**
   - I-1 Basecamp Follow-up list – Solid Waste Committee
   - I-2 Solid Waste Financial Summary Report and Financial Report – October 2017

10. **Adjournment:**

PEACE RIVER REGIONAL DISTRICT
Solid Waste Committee Meeting Minutes

DATE: Thursday, October 5, 2017

PLACE: Regional District offices, Dawson Creek, BC

PRESENT: Director Rose, Electoral Area 'E' - Committee Chair
Director Goodings, Electoral Area 'B'
Alternate Director Deck, District of Chetwynd
Alternate Director Shuman, City of Dawson Creek
Alternate Director Christensen, City of Fort St. John
PRRD Chair Sperling, ex officio

Staff
Chris Cvik, Chief Administrative Officer
Shawn Dahlen, Deputy Chief Administrative Officer
Paulo Eichelberger, General Manager of Environmental Services
Phil Kovacs, Solid Waste Manager
Loryn Day, Solid Waste Coordinator
Crystal Brown, Electoral Area Manager
Suzanne Garrett, Corporate Services Coordinator

1) Call to Order — The meeting was called to order at 9:05 am

DIRECTORS NOTICE OF NEW BUSINESS:

Director Sperling — Royal Camp visit

ADOPTION OF THE AGENDA:

2) Adoption of the Agenda — MOVED by Alternate Director Deck, SECONDED by Alternate Director Shuman, that the Solid Waste Committee agenda for the October 5, 2017 meeting, including additional items for the agenda, be adopted as amended:

Call to Order
Notice of New Business
Adoption of the Agenda
Minutes
M-1 Solid Waste Committee Meeting Minutes of August 22, 2017
Business Arising from the Minutes
Reports
R-1 July 21, 2017 report regarding Climate Mitigation Capital project grant
R-2 September 28, 2017 report – policy for waiving solid waste disposal fees for volunteer organizations
R-3 For information – September 25, 2017 Impact of Work Camp solid waste generation on Regional District resources
R-4 For information – September 20, 2017 Waste Composition Study – 2nd sampling event results
New Business
NB-1 Review of Regional Solid Waste Management Plan
NB-2 Recycle It operational changes to recycling program (handout)

2) Adoption of Agenda (continued)

Items for Information

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

1-2 Solid Waste Financial Summary Report and Financial Report – Sept 26

Adjournment

CARRIED.

MINUTES:

3) M-1 Aug 22/17 SWC Mtg Min.

MOVED by Alternate Director Deck, SECONDED by Alternate Director Christensen,
That the Solid Waste Committee meeting minutes of August 22, 2017 be adopted, with the following amendment:

Item R-2, pg 8 add Sukunka and replace Tier 1 with Tier 2, to read as follows:
that the Solid Waste Committee recommends to the Regional Board that staff be authorized to locate a suitable property between the Lone Prairie/Sukunka turnoff and Chetwynd for the purposes of siting a Tier 2 Transfer Station for the residents of Lone Prairie/Sukunka.

CARRIED.

REPORTS:

4) R-1 re: Climate Mitigation Capital Project Grant (deferred from August 22, 2017 meeting)

The Federation of Canadian Municipalities for Climate Innovation Program provides funding, training and resources to assist local governments to adapt to the impacts of climate change and reduce greenhouse emissions. Part of the program includes grant funding for solid waste capital projects related to climate Mitigation. The capture of landfill gas is considered as a means of reducing greenhouse gas emissions, consequently the landfill gas collection and control system network at the North Peace landfill is eligible for a grant. If the grant is approved, funding can cover 80% of capital costs for the greenhouse gas collection system.

MOVED by Alt Director Shuman, SECONDED by Alt Director Christensen,
That the Solid Waste Committee recommends to the Regional Board that staff be Authorized to prepare and submit a funding grant application under the Federation of Canadian Municipalities (FCM) for Climate Innovation Program (MCIP) to offset the cost of expanding the gas collection and control system (GCCS) network at the North Peace Regional Landfill.

CARRIED.

5) R-2 re: draft Policy – waiving of tipping fees

Staff were directed by the Board to develop a policy to address the waiving of tipping fees at transfer stations and landfills upon request from volunteer community groups and non-profit organizations engaged in disposal of solid waste generated from roadside clean-ups and illegal dump sites.

Financial threshold up to $3,000, anything over that amount will require Board approval. Waiving of tipping fees will result in loss of revenue, staff have made provisions to track lost revenue.

It was agreed that any natural disasters such as hail or flooding events where homeowners/municipalties may request waiving of tipping fees would be evaluated by the Board on a case by case basis.

5) R-2 cont'd:

It was noted that when illegal dump sites are cleaned the community group and/or organization will be encouraged to report it to the RAPP line for tracking purposes and identification of sites.

MOVED by Alt Director Schuman, SECONDED by Alt Director Christensen,
That the Solid Waste Committee recommends to the Regional Board that the Waiving of Tipping Fees Policy, at transfer stations and landfills, for volunteer groups and non-profit organizations engaged in disposal of solid waste generated from roadside clean-ups and illegal dump sites, up to a maximum limit of $3,000 per cleanup incident, be adopted as presented.

CARRIED.

6) R-3 Impact of Work Camp solid waste generation

ATCO Two Rivers Camp Services is a work camp located at the BC Hydro Site C Project site and provides residential and institutional services for contractors and employees working at the Site C project. Staff were directed to investigate the recycling plans of the ATCO site and other similar companies, and report back on the financial impacts and effects to regional landfill sites. Repeated requests for information from ATCO resulted in figures from 2016. The ATCO work camp had an approximate 16.9% solid waste diversion rate during 2016, nearly 70% of that material recycled was cardboard. It was felt that tipping fees are too low – it is cheaper for the camps to throw everything in the garbage rather than recycle it.

During a recent visit to the Royal Camp worker camp at the Progress Energy site, the lunchroom had one bin with two openings, one for cans/bottles and one for lunch garbage (plastic forks and containers).

The Plan Monitoring and Advisory Committee had suggested that if the Regional District wants to address this issue then tipping fees for commercial and industrial waste need to be increased, to encourage separation of waste in both streams.

It was identified that the Regional District needs to provide options, increase education. Request the Oil and Gas Commission to include a waste management section in their permitting process.

MOVED by Alt Director Shuman, SECONDED by Director Sperling,
That the September 25, 2017 report entitled "Impact of Work Camp Solid Waste Generation on Regional District Resources" be forwarded to the Regional Board for information.

CARRIED.

NEW BUSINESS:

7) NB-2 Recycle It (handout)

Recycle It has notifed the Regional District that due to a lack of recyclable material being processed at their facility, they will be making some operational changes commencing October 7, 2017. Recycle It will be undertaking a media campaign to advise the public of changes. The Regional District will be providing information on alternative locations on its "app". Staff will be requesting Recycle It to erect signage on site referring public to the Regional District "app" and alternative locations for drop-of off stewardship program items such as appliances, etc.

7) NB-2 (continued)

It was noted that the operational changes are within the limits of the current contract. Recycle It will be instructed to discuss with Chetwynd Recycling the possibility of collecting recyclable materials from the Moberly Lake site to ensure residents continue to have that option.

MOVED by Alt Director Christensen, SECONDED by Alt Director Shuman,
That the Solid Waste Committee recommends to the Regional Board that staff be directed to prepare a report, based on the October 1, 2017 letter from RecycleIt, outlining education/awareness efforts to advise the public of the services no longer being provided by RecycleIt, background information to include alternative locations where specific stewardship program recycling materials can be taken.

CARRIED.

8) Recess — The meeting recessed at 10:25 am

9) Reconvene — The meeting reconvened at 10:35 pm

10) NB-1 Review of RSWMP

Committee members reviewed the Regional Solid Waste Management Plan. It was noted that once all amendments and future capital projects have been identified for Board approval they will be discussed with the Ministry of Environment. The Ministry will determine if the Plan will require a minor or major amendment.

Section 7, 7.1 — Phase 3 Objectives

- 2nd bullet, "investigate long-term waste management facility options" – include landfill gas

Section 7.2.1 — Develop Construction and Demolition Materials Handling Capacity

- ongoing, feedback from CD group was "tell us what you want us to do"
- will provide a framework to them to see if they come back to the table, will include the Plan Monitoring and Advisory Committee
- it was suggested that the groups be combined with quarterly meetings

Section 7.2.2 — Continue Transfer Station Capital Upgrades Program

- will continue to upgrade sites, including collection of hazardous materials
- focus on convenience and accessibility

Section 7.2.3 — Complete Closure of Fort St. John Landfill

- clarification clause will be added "option was made to remain on site for another 20 years"

Section 7.3.1 — Investigate Centralized Material Processing Facility Development

- gives Regional District opportunity to check out other options for long range planning

Section 7.4 — Triple Bottom Line Evaluation

- Table 7 costs need to be updated

10) NB-1 (cont`d)

Section 7.4.1	Resource Allocations for Feasibility Studies - Update last sentence, is there a limit to feasibility funds? "In terms of resources, the Regional District will provide an allocation of $50,000 to $100,000 depending on the exact scope of work, to undertake the feasibility assessments."
7.4.2	Resource Allocations for Disposal Capacity Development in Phase 3 - adjust to reflect current status
7.4.3	Summary of Phase 3 - capital projects list will be included in the amendment
Section 9, 9.2.2	Plan Monitoring and Advisory Committee - Make more relevant
Section 9.2.3	Performance Measurement & Reporting - Reporting out to the Board, developing for 2018, focus on tracking
Section 9.2.5	Dispute Resolution - Staff Undertake formal inspections, regular meetings with contractors - Have not really needed this
Appendix A	Triple Bottom Line Analysis - Cost/cubic metre and life cycle costs should be updated

ITEMS FOR INFORMATION:

11) I-1 Basecamp Review — Item 3 – agriculture plastics - are other Regional District's interested in partnering with us. Committee members would like to see the responses once received. It was noted that there is no eco-fee charged on ag plastics.

12) Mtg Schedule — November 2, and December 7.

MOVED by Alt Director Schuman, SECONDED by Director Goodings,
That, for the winter months, the Solid Waste Committee meetings begin at 10:00 am.
CARRIED.

13) Committee Report — MOVED by Director Goodings, SECONDED by Director Sperling,
That the recommendations from the Solid Waste Committee meeting of October 5, 2017 be recommended to the Regional Board for approval.
CARRIED.

14) Adjournment — The Chair adjourned the meeting at 11:40 am

_____
Director Rose,
Chair – Solid Waste Committee

_____
Suzanne Garrett,
Corporate Services Coordinator

From: Chris Cvik
Sent: Friday, October 06, 2017 1:07 PM
To: Director Leonard Hiebert; Director Dan Rose
Cc: Paulo Eichelberger; Crystal Brown
Subject: RE: Transfer Station
Good discussion questions for the next SWMC meeting. Can I forward to Suzanne to include on the next agenda in November?

Chris

Chris Cvik
Direct: 250-784-3208
Cell: 250-784-4603
chris.cvik@prrd.bc.ca

From: Director Leonard Hiebert
Sent: Friday, October 06, 2017 11:41 AM
To: Director Dan Rose <Dan.Rose@prrd.bc.ca>
Cc: Chris Cvik <Chris.Cvik@prrd.bc.ca>; Paulo Eichelberger <Paulo.Eichelberger@prrd.bc.ca>; Crystal Brown <Crystal.Brown@prrd.bc.ca>
Subject: Transfer Station

Hi Dan,
I am emailing you as you are the chair of the solid waste committee. Today I went to the Tomslake transfer station and the attendant did not want to take my load of garbage as he said it would fill the bin to high and then he would need to take garbage out before they can haul it away(stated that they would not be able to secure the tarp properly to the bin). I have attached a picture I took after I put the garbage into the bin. I have a few questions moving forward: 1. How often has this happened? 2. What do they use as a measuring tool as to when bin pick up is required? 3. How can this be prevented in the future? 4. Is there a way to call and ask the attendant how much they can take in the bins, to avoid being turned around or asked to take it to a different transfer station? 5. Do we need extra bins at the tier 1 Transfer Stations at certain times of the year(specifically Spring and Fall)?

I don't know if this was a fluke or not, but it does seem odd that it was me that ran into this kind of scenario. I believe the attendant was just doing as he was instructed, he did promptly communicate with his superior. Having limited set times the transfer stations are open we need to make sure that the residents can at least drop off the garbage when they have driven to the site. Residents know when the transfer station is open and work around the times to bring their garbage.

Thanks,

Leonard Hiebert
Electoral Director Area "D"
250-219-8098
leonard.hiebert@prrd.bc.ca

PEACE RIVER REGIONAL DISTRICT

R-1

REPORT

To: Solid Waste Committee Date: October 25, 2017

From: Phil Kovacs, Solid Waste Manager

Subject: Scope of Work increase to Contract No. 07-2015 North Peace Regional Landfill operations

RECOMMENDATION:

a) That the Solid Waste Committee recommends to the Regional Board that an increase of $171,000 be authorized to the annual budget for Operation of PRRD Landfills Contract No. 07-2015, until December 31, 2019 to account for an increase in the scope of work at the North Peace Regional Landfill only, attributable to the operation and maintenance of the new transfer station and associated infrastructure; and

b) That the Chair and Chief Administrative Officer be authorized to sign the contract amendment on behalf of the Regional District.

BACKGROUND/RATIONALE:

The Peace River Regional District (PRRD) is nearing the completion of construction of improvements to the North Peace Regional Landfill (NPRL) infrastructure, which will aid in enhancing waste diversion opportunities for the public and extend the life of the site. These improvements include the construction and installation of the following:

- Inbound and outbound scales;
- Scalehouse;
- Share Shed;
- Receiving area and containers for public to dispose solid waste;
- Bays for stewardship items (white goods, tires, batteries, etc.);
- Stormwater basins;
- Leachate impoundment;
- Access roads;
- Stormwater conveyance ditching; and
- Compacted and gravelled working surface

The new features constructed at NPRL will require additional maintenance and personnel on top of what is already being performed under general landfill operations. As such the landfill contractor, GFL Environmental (GFL) has provided a cost estimate to account for the increase in the scope of work which is outlined in the following table[1]:

[1]The landfill operations contractor SSG Environmental was purchased by GFL Environmental in 2017.

Additional Annual Operating Expenses for NPRL New Transfer Station and Infrastructure		
Expense Item	Annual Cost	Comments
Transfer Station Attendant	$127,000	Dedicated person for providing direction/assistance to customers, daily housekeeping, ensuring waste streams are clean from cross-contamination, and periodic management of Share Shed; 2,800 hours per year; includes kiosk for inclement weather
Road/Working Area Maintenance	$18,000	Grading of newly graveled working area and roads to address settlement and areas disturbed by traffic; contractor to supply gravel
Snow Plowing/Removal	$14,000	Requires acquisition of dedicated snow plow to address snow accumulation on newly graveled working area and roads; front-end loader cannot be used
Share Shed Management; Minor Repairs/Maintenance	$7,000	Organization and housekeeping of Share shed with removal of inappropriate items; minor repairs as necessary to the public drop-off area/transfer station
Utilities	$5,000	Additional electrical expense due to the new lights in the transfer station area, new scalehouse, and new kiosk for transfer station attendant
Total =	$171,000	

GFL operates the NPRL site in accordance with Contract No. 07-2015, “Operation of Peace River Regional District Landfills”. The contract price for operating the NPRL site from August 1, 2017 through July 31, 2018 is $1,660,000.

ALTERNATIVE OPTION:
That the Regional Board provide alternative direction for PRRD staff to address the increase in scope of work at the NPRL site attributed to the operation of the new transfer station.

STRATEGIC PLAN RELEVANCE:

- ☒ Ensure that the Solid Waste Management Plan is operating on a fiscally defensible basis.
- ☐ Ensure effective execution of Public Safety and Emergency Services initiatives.
- ☐ Foster Collaboration on services with municipalities and electoral areas.
- ☐ Establish a strategy for coordinated advocacy on identified issues.
- ☐ Manage parks and trails in the region.
- ☐ Support the agricultural industry within the regional district.
- ☐ Not Applicable to Strategic Plan.

FINANCIAL CONSIDERATION(S):

Expected to increase the solid waste financial budget and increase the annual operation expenses for the North Peace Regional Landfill by approximately 10%

COMMUNICATIONS CONSIDERATION(S):

None

OTHER CONSIDERATION(S):

Increase in annual scope of work at the North Peace Regional Landfill is deemed as necessary to meet the needs of residents.

Peace River Regional District
REPORT

To: Solid Waste Committee Date: October 26, 2017
From: Phil Kovacs, Solid Waste Manager

Subject: Purchase of NPRL Landfill Gas by Pacific Northern Gas

RECOMMENDATION(S):

1) That the Solid Waste Committee recommend that the Regional Board authorize staff to negotiate with Pacific Northern Gas for the agreement to sell landfill gas generated at North Peace Regional Landfill and that the draft sale agreement be brought back to the Regional Board for consideration.

BACKGROUND/RATIONALE:

On March 22, 2017 the provincial government amended the Greenhouse Gas Reduction (Clean Energy) Regulation to mandate that public utilities supplement the natural gas provided with renewable natural gas [1]. In response, Pacific Northern Gas (PNG) reached out to Regional District (RD) staff about a future partnership for the utilization of landfill gas (LFG) generated at the North Peace Regional Landfill (NPRL) via introduction into the PNG natural gas network.

On May 9, 2017, PNG along with Greenlane Biogas gave a presentation to the Solid Waste Committee about the joint venture between the PRRD and PNG for the beneficial utilization of LFG generated at NPRL[2]. An encore presentation was provided to the RD board on September 7, 2017. The presentation covered the following topics:

- Financial model for the LFG offtake agreement[3];
- Assumptions made regarding quality and quantity of LFG generated at NPRL;
- Infrastructure necessary for treating the LFG to RNG quality;
- Approximate investment by PRRD[4];
- Description of technology for treating LFG; and
- Examples of successful biogas treatment projects.

Should the Solid Waste Committee be interested in pursuing a partnership with PNG, staff suggest that next steps would include:

1. Moving forward with expansion of the LFG collection network at NPRL in accordance with the Landfill Gas Master Plan.

[1] Renewable natural gas (RNG) is biomethane sourced from landfills, wastewater treatment plants, anaerobic digestors, and agricultural waste. The amendment to the Greenhouse Gas Reduction Regulation specifies supplementing natural gas with RNG up to a maximum of 5% by volume of the natural gas provided to the public.

[2] Greenlane Biogas is a vendor specializing in the sale of equipment/instrumentation for treating landfill gas to remove moisture and other contaminants up to a quality of 96% methane.

[3] The financial model will be dependent on the quantity and quality of LFG generated at NPRL. Preliminary model developed by PNG for a minimum LFG production of 35,895 GJ (gigajoules)/year indicates that LFG could be purchased at $7/GJ for a fixed term of 20 years resulting in a 3% cost of debt.

[4] The investment by the PRRD for infrastructure necessary for the pretreatment of LFG is estimated to be approximately $2,000,000.

2. Consulting with PNG and LFG design consultant in order to ensure that the conversion technology for the treatment of the LFG links properly with the gas collection and control (GCCS) at NPRL.
3. Compiling a draft sale agreement between PNG and the PRRD for the purchase of LFG from the NPRL site.

ALTERNATIVE OPTION:

That the Regional Board provide alternative direction for PRRD staff to address the request by Pacific Northern Gas regarding pursuit of an offtake agreement for the purchase of LFG generated at NPRL.

STRATEGIC PLAN RELEVANCE:

- ☒ Ensure that the Solid Waste Management Plan is operating on a fiscally defensible basis.
- ☐ Ensure effective execution of Public Safety and Emergency Services initiatives.
- ☐ Foster Collaboration on services with municipalities and electoral areas.
- ☐ Establish a strategy for coordinated advocacy on identified issues.
- ☐ Manage parks and trails in the region.
- ☐ Support the agricultural industry within the regional district.
- ☐ Not Applicable to Strategic Plan.

FINANCIAL CONSIDERATION(S):

Installation of LFG treatment and conveyance infrastructure is estimated to require a capital investment by the PRRD of approximately $2,000,000 at a cost of 3%. Return on investment over several years is expected to eventually pay for the initial investment. Additional operating expense for the NPRL site once LFG treatment and conveyance system has been installed.

COMMUNICATIONS CONSIDERATION(S):

Communications staff will work with Environmental Services staff to develop an informative news release for the public describing the nature and benefits of the energy recovery project for the public utility use of LFG at NPRL.

OTHER CONSIDERATION(S):

No other considerations at this time.

Attachments: N/A

PEACE RIVER REGIONAL DISTRICT

REPORT

To: Solid Waste Committee Date: October 26, 2017

From: Loryn Day, Solid Waste Coordinator

Subject: Solid Waste Education & Outreach Survey – Final Results

RECOMMENDATION(S):

That the Solid Waste Committee receive this report for information.

BACKGROUND/RATIONALE:

Further to the Regional Board's resolution:

> RD/16/12/23
> MOVED Director Ackerman, SECONDED Director Rose,
> That the completion of a six month public consultation process be conducted with residents across the region, to determine their desire for diversion programs, with said consultation to take place prior to the Waste Reduction, Promotion and Education Program review/evaluation.
>
> **CARRIED.**

The purpose of this report is to provide the results of the public consultation survey (Survey) that was conducted by Peace River Regional District (PRRD) staff to determine the effectiveness of waste education and outreach in terms of waste diversion in the Regional District (RD). The Survey was available online to PRRD residents from July 4 to September 29, 2017. In addition, staff also surveyed the public at the Dawson Creek Transfer Station, Bessborough Landfill, Chetwynd Landfill, and North Peace Regional Landfill, spending 2 days at each site. The objective of the Survey was to consult residents on their knowledge of waste education using recycling as a focal point and assess how better to provide information to assist in planning of the 2018 waste education and outreach program.

Results of the Survey

In the table below are the highlights from the completed survey:

Survey Questions	Responses
Q1: Who delivers recycling education in the region?	30% were unsure/didn't know 46% said PRRD, pRRRdy, or NEAT
Q2: Who delivers recycling services in the region?	25% said PRRD 24% were unsure/didn't know 14% said NEAT 13% said various combinations of PRRD, pRRRdy, NEAT, City of Fort St. John, City of Dawson Creek, Eco Depot, Schools. Etc.
Q3: How do you get recycling information?	11% -12% said either PRRD Mailouts or PRRD Website, respectively

	The rest of responses were evenly distributed via social media, print & radio, posters, NEAT, and events
Q4: What recycling events or programs have you attended?	29% said they had not attended any events, whereas the top events attended were Trade Shows (20%), Farmers Market (14%), and Fall Fair (12%)
Q5: How would you like to receive recycling information?	31% preferred Mail Outs, Flyers, or the pRRRdy calendar 40% preferred access to information via online sources (Website, email, Facebook, and other social media outlets)
Q6: Where do you take your recycling in the region?	65% used drop off depots (Eco Depot, Recycle It, DC Campbell, Chetwynd Recycling, Bottle Depot, Recycling Depots unspecified) 15% used PRRD Sites like Landfills and Transfer Stations 9% access recycling via curbside recycling 9% use the recycling bins located at Walmart, No Frills, School, Mile 54.5, etc.

Overall, residents have a general understanding of who delivers and who provides recycling services in the PRRD, while knowing where to go for recycling education and waste diversion information. However, residents were unsure of the depots in their communities for managing recyclable materials.

Based on the information gathered from this survey, the 2018 waste education and outreach program will focus on:

- Attendance at trade shows, farmers market, and fall fairs, as these ranked as high means for residents to access information;
- Increase the presence of online/social media/pRRRdy "app" as a public outreach tool for residents;
- Develop an e-mail RSS Feed[1] so that public outreach can be conducted via e-mail;
- Produce more mailouts/flyers targeting new initiatives and changes in the recycling program;
- Continue to develop and strengthen partnerships with RD recyclers so that flyers and information can be shared.
- Continue to utilize the bulletin boards at PRRD Sites (i.e. landfills and transfer stations) for outreach initiatives

OPTIONS:

N/A

STRATEGIC PLAN RELEVANCE:

☒ Ensure that the Solid Waste Management Plan is operating on a fiscally defensible basis.

[1] RSS feed is a subscription email service

- ☐ Ensure effective execution of Public Safety and Emergency Services initiatives.
- ☐ Foster Collaboration on services with municipalities and electoral areas.
- ☐ Establish a strategy for coordinated advocacy on identified issues.
- ☐ Manage parks and trails in the region.
- ☐ Support the agricultural industry within the regional district.
- ☐ Not Applicable to Strategic Plan.

FINANCIAL CONSIDERATION(S):

Education and Outreach costs will be incorporated into the 2018 Financial Plan

COMMUNICATIONS CONSIDERATION(S):

The survey aims to shape outreach and communications strategies within the Environmental Services department.

OTHER CONSIDERATION(S):

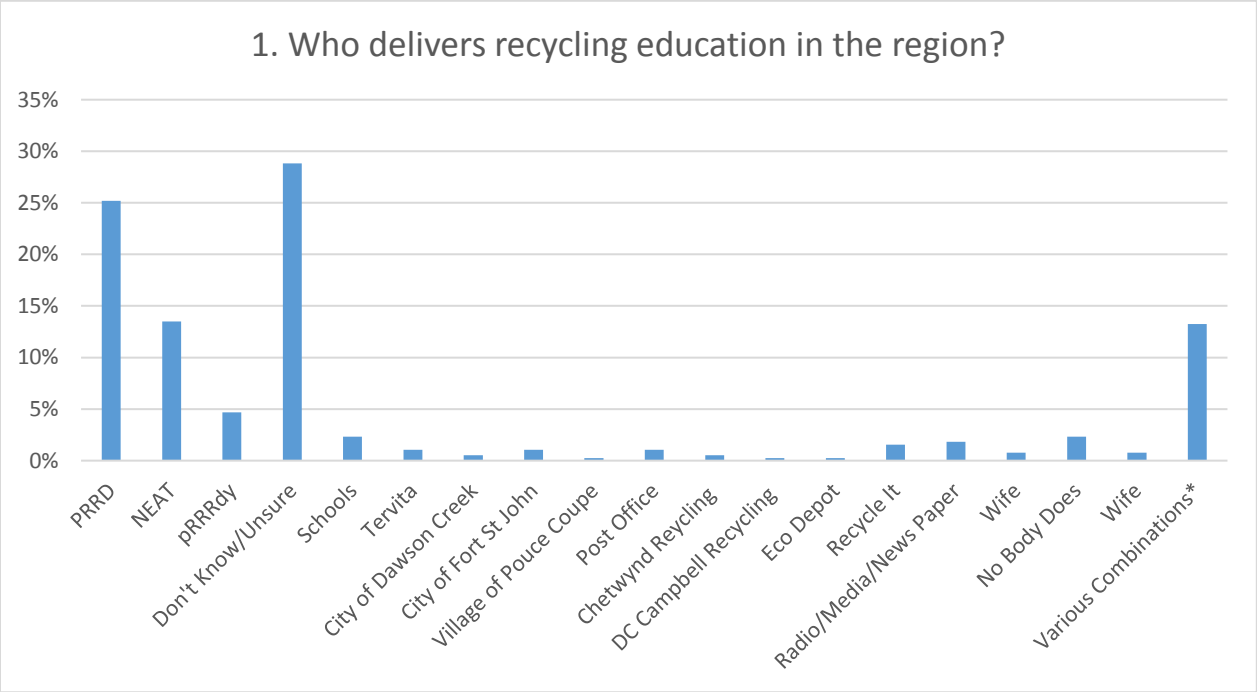
Work completed focuses on one of the objectives within the Solid Waste Management Plan: to support and/or expand existing programs and services, include education and awareness-building.

Attachments:
Appendix A: Survey Results

Appendix A: Recycling Survey Results

1. Who delivers recycling education in the region?

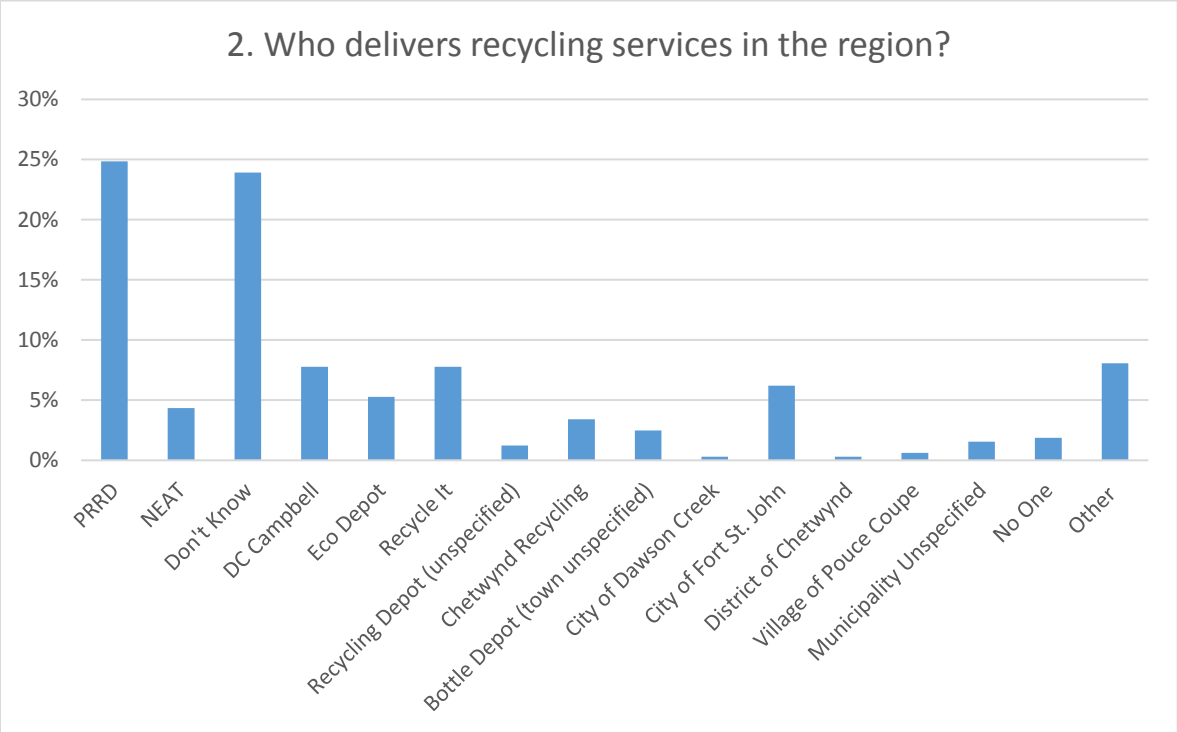
	Percentage
PRRD	25%
NEAT	14%
pRRRdy	5%
Don't Know/Unsure	29%
Schools	2%
Tervita	1%
City of Dawson Creek	1%
City of Fort St John	1%
Village of Pouce Coupe	0%
Post Office	1%
Chetwynd Recycling	1%
DC Campbell Recycling	0%
Eco Depot	0%
Recycle It	2%
Radio/Media/News Paper	2%
Wife	1%
No Body Does	2%
Wife	1%
Various Combinations[1]	13%



[1] Various Combination include any variation of PRRD, NEAT, Schools, Eco Depot, Recycle It, City of Fort St John, City of Dawson Creek, etc.

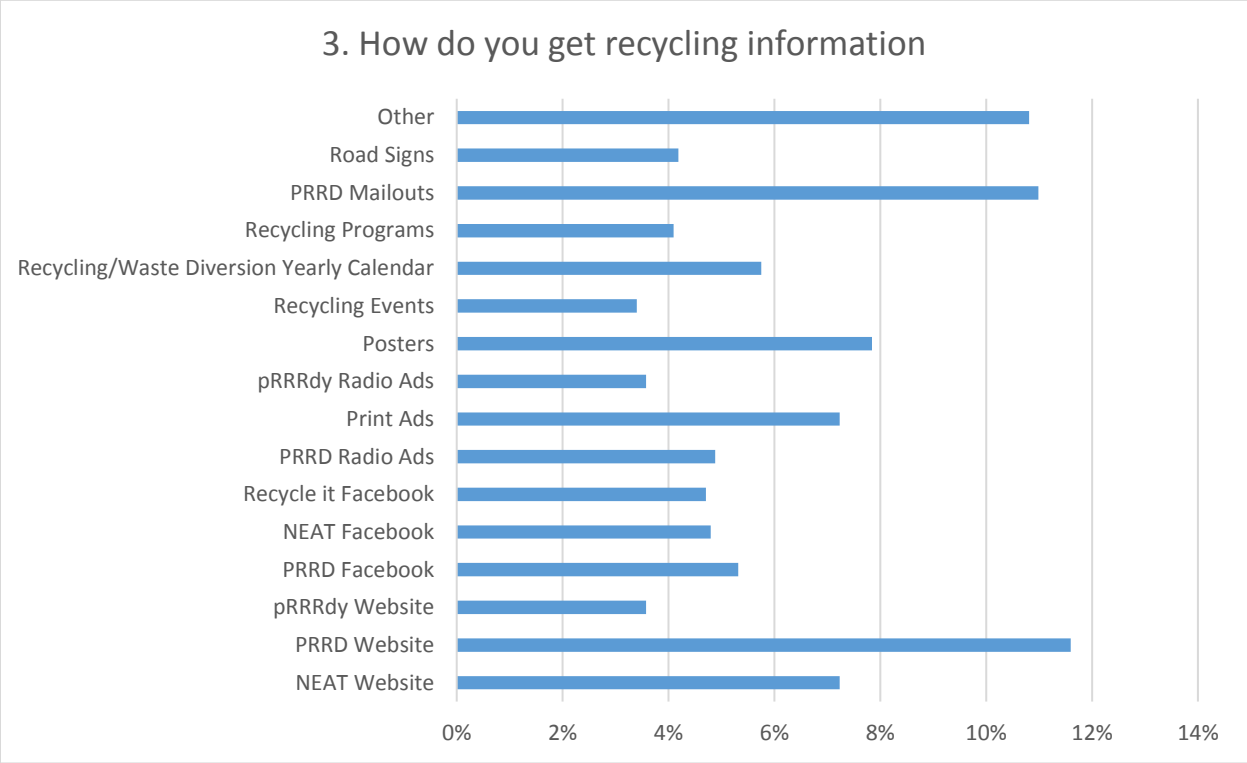
2. Who delivers recycling services in the region?

	Percentage
PRRD	25%
NEAT	4%
Don't Know	24%
DC Campbell	8%
Eco Depot	5%
Recycle It	8%
Recycling Depot (unspecified)	1%
Chetwynd Recycling	3%
Bottle Depot (town unspecified)	2%
City of Dawson Creek	0%
City of Fort St. John	6%
District of Chetwynd	0%
Village of Pouce Coupe	1%
Municipality Unspecified	2%
No One	2%
Other	8%



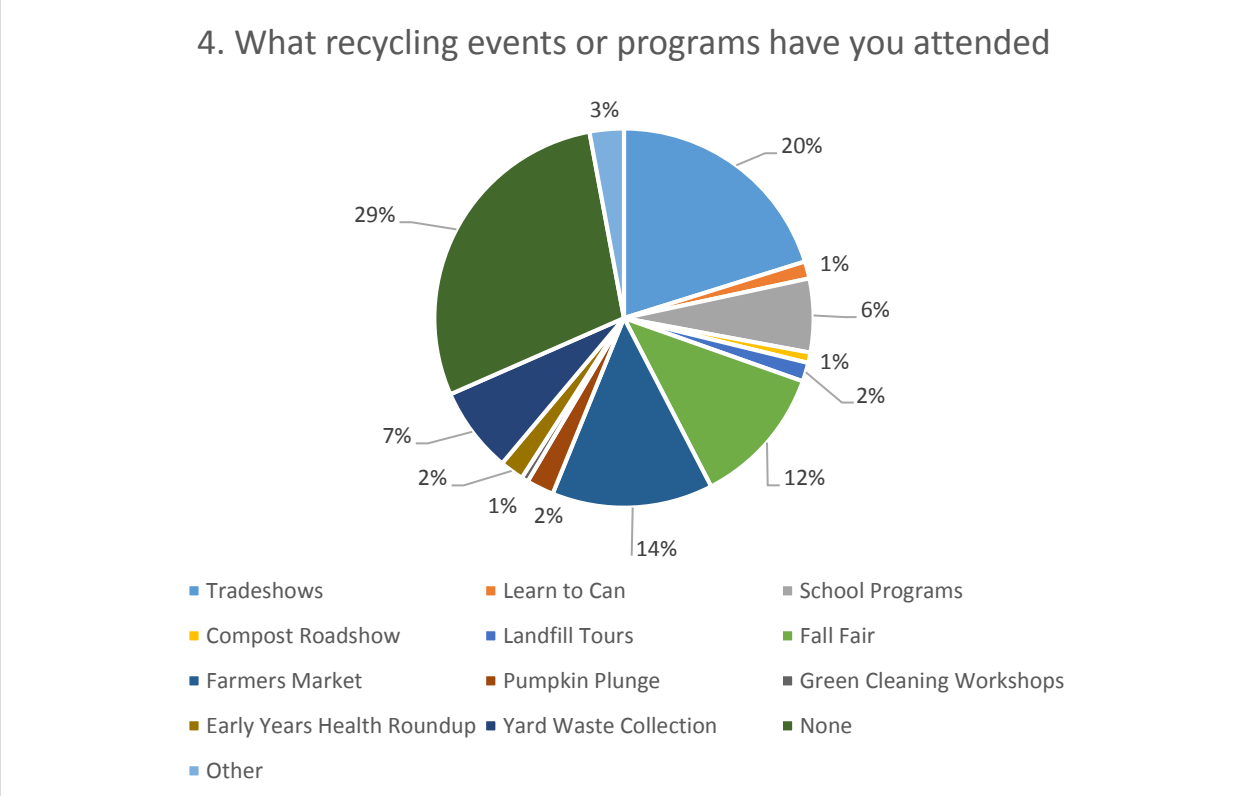
3. How do you get recycling information?

	Percentage
NEAT Website	7%
PRRD Website	12%
pRRRdy Website	4%
PRRD Facebook	5%
NEAT Facebook	5%
Recycle it Facebook	5%
PRRD Radio Ads	5%
Print Ads	7%
pRRRdy Radio Ads	4%
Posters	8%
Recycling Events	3%
Recycling/Waste Diversion Yearly Calendar	6%
Recycling Programs	4%
PRRD Mailouts	11%
Road Signs	4%
Other	11%



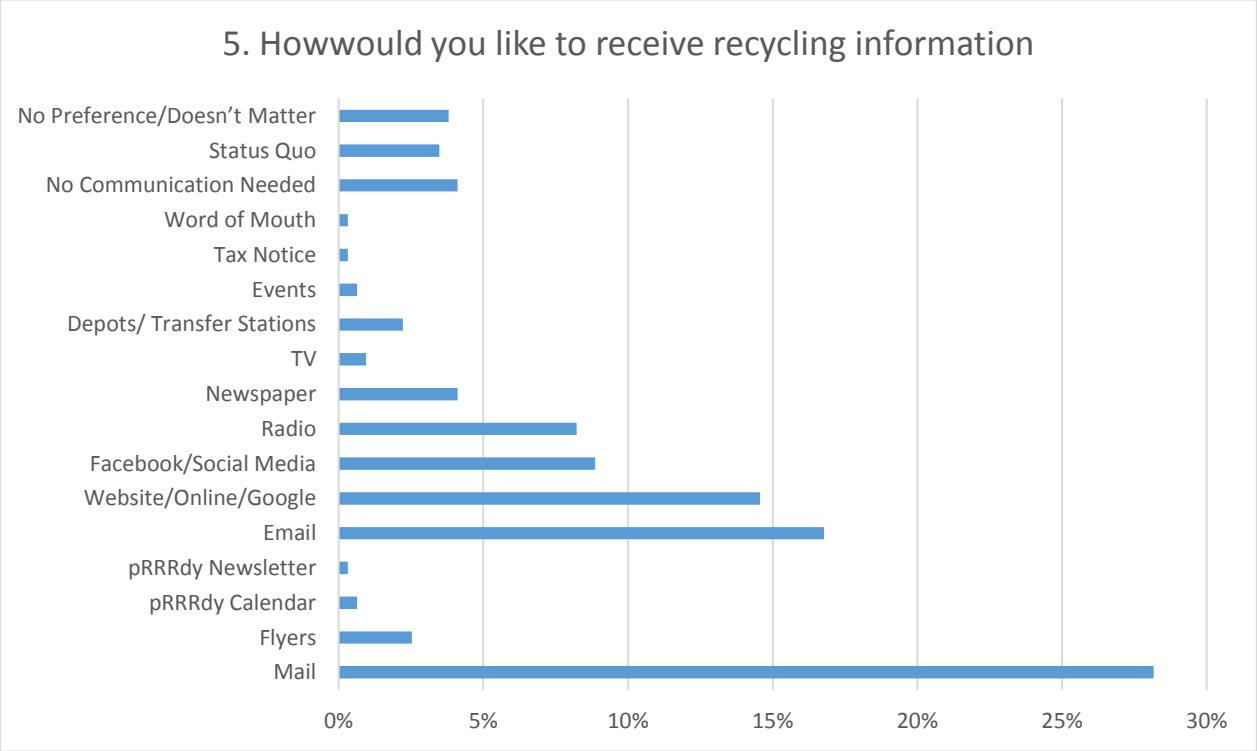
4. What recycling events or programs have you attended?

	Percentage
Tradeshows	20%
Learn to Can	1%
School Programs	6%
Compost Roadshow	1%
Landfill Tours	2%
Fall Fair	12%
Farmers Market	14%
Pumpkin Plunge	2%
Green Cleaning Workshops	1%
Early Years Health Roundup	2%
Yard Waste Collection	7%
None	29%
Other	3%



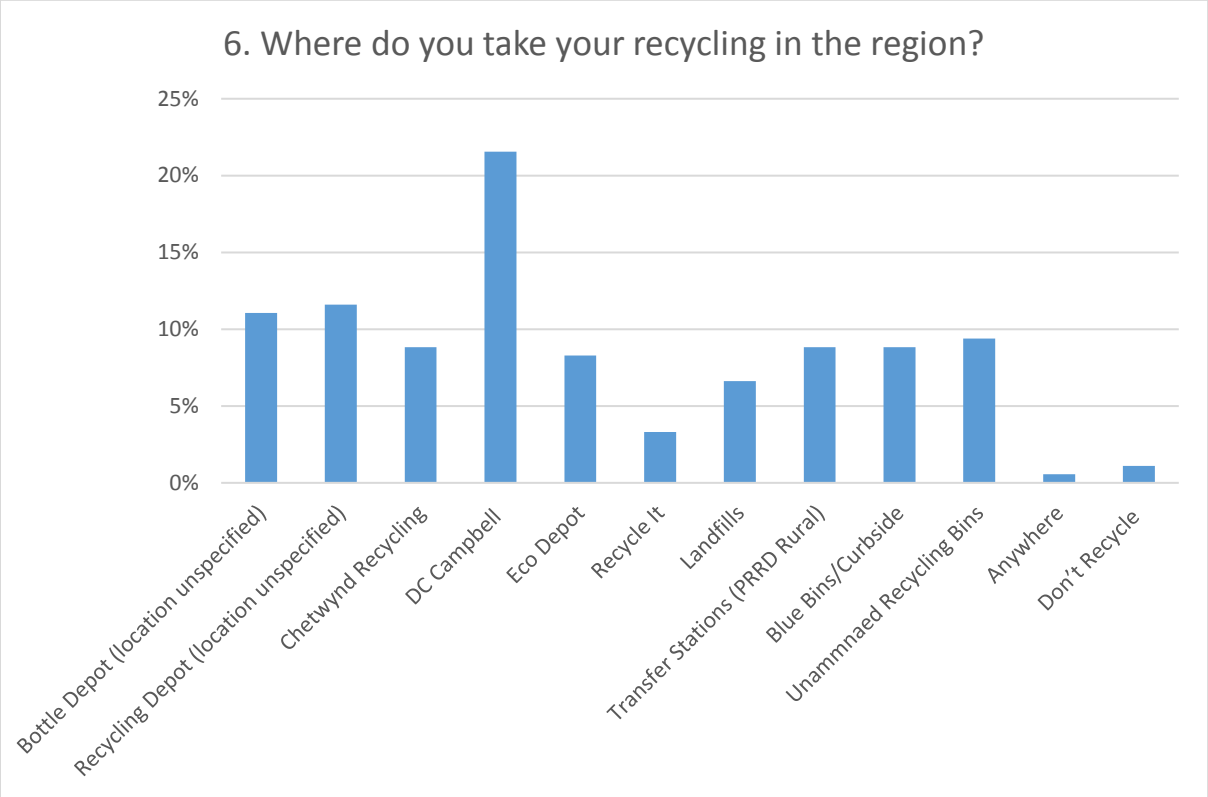
5. How would you like to receive recycling information?

	Percentage
Mail	28%
Flyers	3%
pRRRdy Calendar	1%
pRRRdy Newsletter	0%
Email	17%
Website/Online/Google	15%
Facebook/Social Media	9%
Radio	8%
Newspaper	4%
TV	1%
Depots/ Transfer Stations	2%
Events	1%
Tax Notice	0%
Word of Mouth	0%
No Communication Needed	4%
Status Quo	3%
No Preference/Doesn't Matter	4%



6. Where do you take your recycling in the region?

	Percentage
Bottle Depot (location unspecified)	11%
Recycling Depot (location unspecified)	12%
Chetwynd Recycling	9%
DC Campbell	22%
Eco Depot	8%
Recycle It	3%
Landfills	7%
Transfer Stations (PRRD Rural)	9%
Blue Bins/Curbside	9%
Unattended Recycling Bins (Walmart, No Frills, etc.)	9%
Anywhere	1%
Don't Recycle	1%



PEACE RIVER REGIONAL DISTRICT

REPORT

To: Solid Waste Committee Date: October 26, 2017

From: Loryn Day, Solid Waste Coordinator

Subject: Dawson Creek Transfer Station Seasonal Hours ***REVISED OCTOBER 30, 2017***

RECOMMENDATION(S):

a) That the Solid Waste Committee recommend that the Regional Board approve the extended (seasonal) operation of the Dawson Creek Transfer Station, seven (7) days a week from 9:00am to 6:00pm during the period of May 1st through October 31st, after which regular hours of operation will be resumed, five (5) days a week from 9:00am to 6:00pm, November 1st to ~~March 31st~~April 30th.

And

b) That the associated operational contracts cost be included under the appropriate line item in the Annual Financial Plan.

BACKGROUND/RATIONALE:

In January, 2017, the Regional Board resolved to run a pilot whereby the Dawson Creek Transfer Station (DCTS) offered seasonal hours of operation, 9:00am to 6:00pm seven (7) days a week from May 1st to October 31st, 2017. The decision to implement seasonal hours at the DCTS was based upon the results of a Solid Waste Customer Satisfaction Survey (SWCSS) that was completed in 2016 in response to an overwhelming request by residents for increased access to the site.

The 2017 Contract Operating Budget at the DCTS is estimated to be $94,881.60, as the year end is still two months away. If the seasonal hours are to become standard operating practice at the DCTS, the 2018 estimated Contract Operating Budget would be $93,900.00. If seasonal hours were not to become standard operating practice, the estimated 2018 Contract Operating Budget would be $78,571.20. The decrease in budget can be attributed to the new contract signed with the transfer station operation contractor, Tervita Corporation (Tervita), where the cost for attendant services decreased from $30.24 to $30.00 an hour.

Referring to Appendix 'A,' Tables 1 & 2, the public use of the DCTS increased 13% between May to October in 2017 compared to 2016 when seasonal hours were not offered. Additionally, there may be a correlation between the increased use of the DCTS by residents and the initial decrease in residential traffic at the Bessborough Landfill during spring. The Bessborough Landfill is approximate 20 minutes or 23km away from the DCTS.

Referring to Appendix 'A,' Table 3, the number of container bins that were transferred from DCTS to the Bessborough Landfill marginally varied between 2016 (without seasonal hours) and 2017 (with seasonal hours). In 2018, Tervita will be operating under a new agreement with the haulage fees to be $155.61 per tip.

In summary, the following should be noted about the pilot study for the seasonal increase in hours of operation at the DCTS:

- Extending the hours of operation of the DCTS during May 1 through October 31 is generally favored by the public
- The additional hours of operation resulted in a 13% increase in usage of the DCTS by the public
- The additional seasonal hours of operation will increase the annual operating budget for DCTS by approximately $15,329 (≈ 19.5%)

ALTERNATIVE OPTIONS:

1) That the Solid Waste Committee recommend that the Regional Board not approve the extended (seasonal) operation of the Dawson Creek Transfer Station, seven (7) days a week from 9:00am to 6:00pm during the period of May 1st through October 31st, after which regular hours of operation will be resumed, five (5) days a week from 9:00am to 6:00pm, November 1st to ~~March 31st~~April 30th.

Or

2) That the Solid Waste Committee provides alternative direction to PRRD Staff.

STRATEGIC PLAN RELEVANCE:

- ☒ Ensure that the Solid Waste Management Plan is operating on a fiscally defensible basis.
- ☐ Ensure effective execution of Public Safety and Emergency Services initiatives.
- ☐ Foster Collaboration on services with municipalities and electoral areas.
- ☐ Establish a strategy for coordinated advocacy on identified issues.
- ☐ Manage parks and trails in the region.
- ☐ Support the agricultural industry within the regional district.
- ☐ Not Applicable to Strategic Plan.

FINANCIAL CONSIDERATION(S):

Incorporating seasonal hours as standard operating practices at the DCTS will reduce operation cost for the DCTS in 2018, outlined below:

Operation Cost for DCTS

	2017 with Seasonal Hours	2018 with Seasonal Hours
Attendant Services	$94,881.00	$93,900.00
Haulage	$83,538.00	$82,145.70
Total	$178,419.00	$176,045.70

* Haulage for the remainder of 2017 was based on 2016 tips for November and December
Haulage tips for 2018 was determined by averaging 2016 and 2017 tips

Cost do not include any third party contract costs

COMMUNICATIONS CONSIDERATION(S):

Public will be notified via print, online, and social media outlets.

OTHER CONSIDERATION(S):

N/A

Attachments:
Appendix A: Data Tables

Appendix A: Data Tables

Table 1: Dawson Creek Transfer Station Seasonal Hours Transaction Count Comparison

Month	2016	2017
January	940	763
February	789	651
March	865	845
April	1615	1272
May	1475	1719
June	1450	1658
July	1509	1717
August	1186	1508
September	1327	1520
October[1]	1026	1110
November	794	Not Available
December	832	Not Available
Total	13808	12714

Table 2: Bessborough Landfill Transaction Counts 2016-2017

	Residential		Commercial		Combined Total	
	2016	2017	2016	2017	2016	2017
January	382	301	240	469	622	770
February	349	242	307	452	656	694
March	383	325	281	579	664	904
April	823	502	475	595	1298	1097
May	787	706	435	846	1222	1552
June	657	600	582	701	1239	1301
July	718	640	566	914	1284	1554
August	620	676	645	1022	1265	1698
September	594	602	634	918	1228	1520
October[1]	410	429	442	781	852	1210
November	361	Not Available	440	Not Available	801	Not Available
December	306	Not Available	375	Not Available	681	Not Available

[1] Customer traffic counts current to morning of October 26th, 2017

Table 3: DCTS Haulage Tips and Costs

	2016 Without Seasonal Hours		2017 With Seasonal Hours	
Month	Tips	Cost*	Tips	Cost*
January	30	$4,914.00	20	$3,276.00
February	26	$4,258.80	21	$3,439.80
March	22	$3,603.60	23	$3,767.40
April	80	$13,104.00	37	$6,060.60
May	71	$11,629.80	71	$11,629.80
June	69	$11,302.20	66	$10,810.80
July	59	$9,664.20	61	$9,991.80
August	46	$7,534.80	64	$10,483.20
September	51	$8,353.80	55	$9,009.00
October	39	$6,388.20	47	$7,698.60
November	19	$3,112.20	19	$3,112.20
December	26	$4,258.80	26	$4,258.80
Total	*538*	*$88,124.40*	*465*	*$83,538.00*

* Haul Rate for 2016 and 2017 is $163.80 per contract

** Tips for November and December 2017 are based on 2016 November and December tips

OUTSTANDING SOLID WASTE ITEMS
For review at the November 2, 2017 Solid Waste Committee meeting

OUTSTANDING FOLLOW UP ITEMS OVER THE PAST QUARTER:	
JULY 27, 2017 REGIONAL BOARD MEETING	
1.	That the June 28/17 report regarding conversion of the TR and HH solid waste transfer stations into a designated Tier 1 transfer station be tabled to the Aug 3/17 SWC mtg; and b) That staff be authorized to speak with the respective municipalities to obtain their comments and concerns with respect to converting their transfer station sites. *October 5 update: with respect (b) Tumbler Ridge has indicated they are not interested; staff are waiting to hear from Hudson's Hope, following council review, but have indicated they are interested.*
MAY 25, 2017 REGIONAL BOARD MEETING	
2.	Doig / Milligan / Osborn Tier 2 Transfer Station Pilot Project - That a pilot project be initiated at the Doig / Milligan / Osborn Transfer Station to implement 24/7 access via a man gate and further, that surveillance equip be installed at the site. *October 5 update: change in location approved by FSJ Farms, design work in progress, lease agreement being drafted.*
MAY 11, 2017 REGIONAL BOARD MEETING	
3. 4.	That staff include waiving of fees at transfer stations in the policy that Administration was directed to work on. That, until such time as a policy on the waiving of fees at transfer stations is completed, community groups engaged in roadside cleanup that request the waiving of tipping fees at transfer stations and landfills, be referred to the EA Director. *October 26 update: Policy amended:* *That the words "up to a maximum limit of $3,000 per cleanup incident" be removed, and that the word "presented" be changed to "amended".* *That the policy for the Waiving of Tipping Fees, at transfer stations and landfills, for volunteer groups and non-profit organizations engaged in disposal of solid waste generated from roadside clean-ups and illegal dump sites, be adopted as amended.* *Additional:* *That staff be directed to prepare a report on the waiving of tipping fees, at transfer stations and landfills, for volunteer groups and non-profit organizations engaged in disposal of solid waste generated from cleanup within municipalities, for review by the Solid Waste Committee.*
FEBRUARY 23, 2017 REGIONAL BOARD MEETING	
5.	That staff be authorized to prepare a report, for the April SWC mtg, providing background summary and review of current waste and recycling arrangements at the TR Transfer Station, said report to identify operational efficiencies for the development of consistent region-wide delivery of services. *May 9 update: in progress*
6.	a) That the RB renew its SW agreements with its municipal partners; and b) That staff be authorized to review all of the SW agreements with respect to fairness, consistency, level of same service and how these agreements meet the parameters/criteria established in the RSWMP. *May 9 update: in progress*

OUTSTANDING FOLLOW UP ITEMS – GREATER THAN THREE MONTHS:	
7.	a) That the Waste Reduction, Promotion & Education Program Contract be awarded to NEAT, for a 1 year term beginning Jan 1/17; and b) Subject to a satisfactory review/evaluation of the program; and c) That the completion of a 6 month public consultation process be conducted w/residents across the region, to determine their desire for diversion programs, with said consultation to take place prior to the program review / evaluation. *October 26, 2017 - That Solid Waste Education and Outreach be brought in-house starting January 2018 in accordance with the structure laid out in the "Proposed PRRD Waste Education and Outreach Framework", as presented..*
8.	SW Customer Satisfaction Survey - That staff be directed to expand the existing "app" located on the Environmental Services "garbage and recycling" page of the PRRD website to provide residents an opportunity to forward comments or questions, on a continual basis, with respect to solid waste. *May 9 update: staff to provide report for SWC meeting*
9.	That the SW PMAC be directed to amend its ToR so that contractors who are Committee members exclude themselves from meetings that may place them in conflict of interest. *May 9 update: ToR revision drafted, will be reviewed at next PMAC meeting*
10.	MoE Invitation - That MoE be invited to the fall mtg of the SWC to provide an overview on the implications of undertaking a complete review of the Regional SWMP. That, prior to extending an invitation to the MoE to attend its fall mtg, the SWC review the SWMP. *May 9 update: following review of Regional SWMP MoE will be invited to meeting.*
11.	Tipping Fee Incentives - That staff be authorized to prepare a report which explores options for promoting and providing incentives for waste reduction, diversion and recycling incl the options of developing additional tipping fee incentives as well as eliminating tipping fees. *May 9 update: Staff to prepare a report following completion of the Waste Composition Study.*
12.	Share Sheds - That staff investigate the feasibility of creating share areas for the distribution of wooden pallets that are taken to landfills and transfer stations. *May 9 update: Staff directed to develop a pilot project re: acceptance of pallets at Buick Creek, Cecil Lake, Rolla and Tomslake. Staff to report back to Committee by end of the year.*
13.	Recycling of Ag Plastics - 2) That ID of recycling options for ag plastics be given priority under the SWMP. *May 9 update: Investigate options with Recycle It Resource Recovery and report back – ongoing.*

PEACE RIVER REGIONAL DISTRICT

Solid Waste Summary Report

For Period Ending 31-Dec-2017

I-2

SW Summary As of Oct. 27, 2017	2017 BUDGET	2017 ACTUAL	DIFFERENCE ACTUAL TO BUDGET	PERCENTAGE ACTUAL TO BUDGET	2016 ACTUAL	2015 ACTUAL	2014 ACTUAL
REVENUES							
Tax Requisition	(5,750,672.00)	(5,750,672.32)	0.32	100.00	(7,043,406.14)	(6,692,453.33)	(6,117,721.00)
Grants & Interest on Reserves	(600,000.00)	(690,782.69)	90,782.69	115.13	(735,247.82)	(665,204.59)	(717,138.17)
Fees (includes Cash short/over)	(3,892,670.00)	(3,613,672.87)	(278,997.13)	92.83	(3,725,905.47)	(4,617,912.68)	(4,597,910.59)
Admin Fees from Other Functions	(19,500.00)	(19,500.00)	0.00	100.00	(12,500.00)	(19,500.00)	(19,500.00)
Recovered Costs	(20,000.00)	(34,362.43)	14,362.43	171.81	(32,089.79)	(143,675.37)	(84,716.52)
Commission & Miscellaneous	(151,511.00)	(288,193.18)	136,682.18	190.21	(169,698.35)	(87,227.33)	(78,644.54)
Transfer from Reserves	0.00	0.00	0.00	0.00	(2,535,000.00)	0.00	0.00
Unappropriated Surplus	(1,460,611.00)	(1,460,611.00)	0.00	100.00	(2,062,781.00)	(2,099,892.00)	(2,538,740.00)
Loan Proceeds	(5,000,000.00)	(4,950,000.00)	(50,000.00)	99.00	0.00	0.00	0.00
Total REVENUES	**(16,894,964.00)**	**(16,807,794.49)**	**(87,169.51)**	**99.48**	**(16,316,628.57)**	**(14,325,865.30)**	**(14,154,370.82)**
EXPENDITURES							
Administration / Operations (incl debt	1,968,184.00	1,608,166.77	360,017.23	81.71	1,712,020.94	1,701,086.33	1,374,548.47
Vehicles	44,500.00	29,559.89	14,940.11	66.43	46,761.12	42,168.97	42,521.29
Supplies (bank/computer/office/shop)	55,000.00	48,804.27	6,195.73	88.74	60,598.53	51,127.79	42,368.06
Transfer to Reserves	3,720,000.00	3,720,000.00	0.00	100.00	609,923.21	640,460.67	2,691,737.92
Landfills - O & M	161,000.00	71,939.07	89,060.93	44.68	224,842.39	160,204.88	78,839.03
Transfer Stations - O & M	235,000.00	160,179.53	74,820.47	68.16	134,323.24	137,588.21	216,143.22
Landfills - Contractors	3,276,000.00	2,437,564.56	838,435.44	74.41	3,225,206.09	2,701,079.96	2,196,140.85
Transfer Stations - Contractors	1,633,000.00	1,199,034.42	433,965.58	73.43	1,591,027.27	1,518,944.79	1,539,455.15
Transport / Haul	986,000.00	696,886.46	289,113.54	70.68	984,212.98	692,335.46	762,418.61
Landfill Gas System	0.00	0.00	0.00	0.00	1,912.50	14,142.00	0.00
Recycling	2,161,780.00	1,025,885.55	1,135,894.45	47.46	2,337,411.16	2,172,244.00	2,106,385.91
Clean Up Program	100,000.00	73,548.52	26,451.48	73.55	116,819.85	112,786.06	110,892.82
Water Monitoring	178,500.00	57,014.03	121,485.97	31.94	109,772.75	107,854.88	96,843.52
Remediation / Closure / Site Selection	50,000.00	200.00	49,800.00	0.40	8,942.50	0.00	0.00
Capital	2,326,000.00	1,698,472.05	627,527.95	73.02	3,748,759.91	2,598,187.77	1,402,822.18
Total EXPENDITURES	**16,894,964.00**	**12,827,255.12**	**4,067,708.88**	**75.92**	**14,912,534.44**	**12,650,211.77**	**12,661,117.03**
Total Surplus (-)/Deficit	**0.00**	**(3,980,539.37)**	**3,980,539.37**	**0.00**	**(1,404,094.13)**	**(1,675,653.53)**	**(1,493,253.79)**

Solid Waste

I-2

For Period Ending 31-Dec-2017

Solid Waste Financial
As of October 27, 2017

	2017 BUDGET	2017 ACTUAL	DIFFERENCE ACTUAL TO BUDGET	PERCENTAGE ACTUAL TO BUDGET	2016 ACTUAL	2015 ACTUAL	2014 ACTUAL
REVENUES							
Requisition - electoral (SW)	(3,961,295.00)	(3,961,295.32)	0.32	100.00	(4,773,234.00)	(4,521,802.00)	(4,149,286.00)
Requisition - municipal (SW)	(1,789,377.00)	(1,789,377.00)	0.00	100.00	(2,270,172.14)	(2,170,651.33)	(1,968,435.00)
Interest on Reserve (SW)	0.00	0.00	0.00	0.00	(8,153.21)	(8,690.67)	(9,397.92)
Grants-in-lieu (SW)	(600,000.00)	(690,782.69)	90,782.69	115.13	(727,094.61)	(647,078.69)	(707,740.25)
SW - Misc Fees - Sch C	(100.00)	(2,495.00)	2,395.00	2,495.00	(2,380.00)	(2,360.00)	(1,480.50)
Weight Fee	(100.00)	(330.00)	230.00	330.00	(270.00)	(150.00)	0.00
Unsecure Loads	(1,500.00)	(1,133.40)	(366.60)	75.56	(2,322.90)	(6,364.75)	(5,752.90)
Cash Short/Over - Rolla	(10.00)	(23.10)	13.10	231.00	(49.80)	0.00	0.00
Cash Short/Over - Kelly Lake TS	(10.00)	1.05	(11.05)	(10.50)	(0.05)	0.60	(2.85)
Cash Short/Over - Tomslake TS	(10.00)	(5.20)	(4.80)	52.00	(6.00)	(3.79)	18.92
Cash Short/Over - Pink Mtn TS	(10.00)	0.00	(10.00)	0.00	(0.50)	0.00	0.00
Cash Short/Over - Wonowon TS	(10.00)	3.20	(13.20)	(32.00)	0.00	(105.75)	0.20
Cash Short/Over - Prespatou TS	(10.00)	13.85	(23.85)	(138.50)	(84.90)	3.76	1.56
Cash Short/Over - Bessborough (SW)	(10.00)	75.35	(85.35)	(753.50)	401.10	(131.34)	592.00
Cash Short/Over - Chet LF (SW)	(10.00)	196.07	(206.07)	(1,960.70)	218.49	92.94	335.76
Cash Short/Over - DC Trf Stn (SW)	(10.00)	293.50	(303.50)	(2,935.00)	(276.88)	(116.38)	(225.24)
Cash Short/Over - NP LF (SW)	(10.00)	74.27	(84.27)	(742.70)	299.11	(367.29)	962.30
Cash Short/Over - Mile 62.5 Trf Stn (SW)	(10.00)	0.80	(10.80)	(8.00)	0.00	1.60	0.00
Cash Short/Over - Rose Pr Trf Stn (SW)	(10.00)	0.48	(10.48)	(4.80)	(9.85)	0.00	(6.67)
Cash Short/Over - Buick	(10.00)	0.00	(10.00)	0.00	0.00	0.00	0.00
Cash Short/Over - Cecil Lake	(10.00)	(1.35)	(8.65)	13.50	54.59	0.00	16.90
Cash Short/Over - Goodlow	(10.00)	1.60	(11.60)	(16.00)	5.80	65.50	0.10
Extra Charges Recovered	0.00	(425.00)	425.00	0.00	(1,059.50)	(702.50)	(432.50)
Fees - Bessborough LF (SW)	(1,100,000.00)	(1,371,162.98)	271,162.98	124.65	(1,171,098.42)	(1,350,922.66)	(1,312,520.10)
Fees - Chetwynd LF (SW)	(400,000.00)	(436,910.54)	36,910.54	109.23	(454,038.15)	(469,653.97)	(405,494.07)
Fees - DC Trf Station (SW)	(60,000.00)	(67,940.75)	7,940.75	113.23	(64,198.25)	(66,275.46)	(63,828.39)
Fees - NP LF (SW)	(2,300,000.00)	(1,701,990.63)	(598,009.37)	74.00	(1,997,352.46)	(2,694,640.25)	(2,783,180.05)
Fees - Mile 62.5 Trf Stn (SW)	(3,000.00)	(2,787.30)	(212.70)	92.91	(3,100.60)	(3,131.50)	(3,236.00)
Fees - Rose Pr Trf St (SW)	(3,000.00)	(2,129.88)	(870.12)	71.00	(3,057.50)	(4,606.88)	(3,137.08)
Fees - Buick	(1,300.00)	(1,141.40)	(158.60)	87.80	(1,354.05)	(1,664.50)	(1,890.85)
Fees - Cecil Lake	(2,500.00)	(2,745.65)	245.65	109.83	(2,740.20)	(2,545.52)	(3,488.87)
Fees - Goodlow	(500.00)	(282.35)	(217.65)	56.47	(294.10)	(308.24)	(1,035.80)
Fees - Rolla	(5,000.00)	(4,803.70)	(196.30)	96.07	(5,864.00)	0.00	0.00
Fees - Moberly	(3,000.00)	(5,881.35)	2,881.35	196.05	(3,316.15)	(309.60)	0.00
Fees - Upper Halfway	(1,000.00)	(1,467.65)	467.65	146.77	(1,431.40)	(135.80)	0.00
Debenture Refund (SW)	0.00	0.00	0.00	0.00	0.00	0.00	(13,504.22)
Shared administration fees (SW)	(19,500.00)	(19,500.00)	0.00	100.00	(12,500.00)	(19,500.00)	(19,500.00)
Recovered costs (SW)	(20,000.00)	(34,362.43)	14,362.43	171.81	(32,089.79)	(143,675.37)	(84,716.52)
Recycling Revenue (SW)	(10,000.00)	(123,834.15)	113,834.15	1,238.34	(17,324.31)	(12,426.45)	(1,548.70)
Metals Salvage (SW)	(100.00)	0.00	(100.00)	0.00	0.00	(395.51)	(1,562.50)
Sale of capital assets (SW)	0.00	0.00	0.00	0.00	0.00	0.00	(1,971.38)
Insurance proceeds (SW)	(11,700.00)	(92,656.09)	80,956.09	791.93	(6,547.00)	0.00	0.00
Grants (SW)	0.00	0.00	0.00	0.00	0.00	(9,435.23)	0.00
MMBC Recycle Revenue	(2,000.00)	(3,687.98)	1,687.98	184.40	(2,060.41)	(2,061.77)	(205.32)
MMBC - Education & Training Funds	(60,000.00)	(56,524.62)	(3,475.38)	94.21	(70,562.05)	(28,295.63)	(18,075.55)
MMBC Municipal Revenue	(7,000.00)	(8,248.53)	1,248.53	117.84	(10,572.56)	0.00	0.00

Solid Waste

I-2

For Period Ending 31-Dec-2017

Solid Waste Financial
As of October 27, 2017

	2017 BUDGET	2017 ACTUAL	DIFFERENCE ACTUAL TO BUDGET	PERCENTAGE ACTUAL TO BUDGET	2016 ACTUAL	2015 ACTUAL	2014 ACTUAL
MMBC Hauling Rebate	(2,000.00)	(3,241.81)	1,241.81	162.09	(3,921.35)	(4,020.03)	(327.70)
Cash Short/Over - Moberly	(10.00)	(19.20)	9.20	192.00	(11.80)	0.10	0.00
Cash Short/Over - Upper Halfway	(10.00)	20.24	(30.24)	(202.40)	(13.45)	(0.01)	0.00
Fees - Kelly Lake TS	(1,000.00)	(1,063.65)	63.65	106.37	(1,252.60)	(1,845.40)	(1,146.15)
Fees - Tomslake TS	(5,500.00)	(4,237.30)	(1,262.70)	77.04	(5,577.60)	(5,763.63)	(6,220.52)
Fees - Pink Mtn TS	(500.00)	(449.80)	(50.20)	89.96	(364.90)	(726.90)	(560.90)
Fees - Wonowon TS	(1,000.00)	(1,305.00)	305.00	130.50	(1,151.50)	(1,136.00)	(1,253.00)
Fees - Prespatou TS	(3,500.00)	(3,621.10)	121.10	103.46	(4,207.05)	(4,109.06)	(4,945.89)
MFA Actuarial Contrib.(SW)	(58,711.00)	0.00	(58,711.00)	0.00	(58,710.67)	(40,027.94)	(41,449.17)
Loan Proceeds (SW)	(5,000,000.00)	(4,950,000.00)	(50,000.00)	99.00	0.00	0.00	0.00
Appropriated surplus (SW)	(1,460,611.00)	(1,460,611.00)	0.00	100.00	(2,062,781.00)	(2,099,892.00)	(2,538,740.00)
Trsf From Capital Reserve	0.00	0.00	0.00	0.00	(2,535,000.00)	0.00	0.00
Total REVENUES	**(16,894,964.00)**	**(16,807,794.49)**	**(87,169.51)**	**99.48**	**(16,316,628.57)**	**(14,325,865.30)**	**(14,154,370.82)**
EXPENDITURES							
Wages (SW)	670,466.00	516,656.53	153,809.47	77.06	599,956.42	628,658.63	522,057.09
Benefits (SW)	189,718.00	128,596.73	61,121.27	67.78	144,330.09	137,070.84	109,592.67
WCB (SW)	7,127.00	5,941.55	1,185.45	83.37	7,003.12	7,113.70	5,363.13
Travel/Train/Conf/Wrkshp (SW)	17,000.00	10,879.35	6,120.65	64.00	12,558.78	16,860.95	13,078.60
Travel, Use of RD Vehicle	19,900.00	19,900.00	0.00	100.00	39,400.00	34,400.00	19,700.00
Mileage In-Region (SW)	300.00	18.57	281.43	6.19	21.43	104.99	52.50
Meals In-Region (SW)	3,500.00	1,891.84	1,608.16	54.05	3,127.10	3,236.74	2,293.55
Meetings (SW)	2,200.00	1,189.35	1,010.65	54.06	1,799.60	374.11	336.00
Memberships (SW)	5,000.00	5,277.13	(277.13)	105.54	6,185.44	3,864.78	3,933.77
Phone,Ph Supplies,Internet, Alarms (SW)	5,000.00	3,276.78	1,723.22	65.54	4,761.07	5,748.73	4,397.02
Advertising (SW)	15,000.00	16,495.69	(1,495.69)	109.97	14,803.02	7,002.05	1,794.72
Videos	13,979.00	13,330.80	648.20	95.36	11,021.00	0.00	0.00
Legal Services (SW)	10,000.00	2,459.57	7,540.43	24.60	2,148.03	14,552.10	7,483.29
Consulting Services (SW)	30,000.00	24,578.24	5,421.76	81.93	17,331.19	13,065.87	35,722.50
Waste Composition Study	128,100.00	68,363.82	59,736.18	53.37	0.00	0.00	0.00
Insurance (SW)	11,900.00	12,028.02	(128.02)	101.08	11,581.18	11,182.16	12,964.59
Administration fees (SW)	198,000.00	198,000.00	0.00	100.00	198,000.00	198,000.00	198,000.00
Interest - debenture (SW)	165,174.00	165,173.82	0.18	100.00	165,173.82	165,173.82	102,470.63
Principal - debenture (SW)	414,109.00	414,108.98	0.02	100.00	414,108.98	414,108.98	293,709.24
Actuarial Recognized (SW)	58,711.00	0.00	58,711.00	0.00	58,710.67	40,027.94	41,449.17
Bad debts (SW)	1,000.00	0.00	1,000.00	0.00	0.00	0.00	0.00
Miscellaneous (SW)	2,000.00	0.00	2,000.00	0.00	0.00	539.94	150.00
Unit #9 - Trailtech Flatdeck Trlr (SW)	1,000.00	118.88	881.12	11.89	599.92	924.74	731.80
Unit #11 - Bobcat (SW)	3,000.00	3,726.35	(726.35)	124.21	2,938.42	1,923.70	1,422.70
Unit #14 - Yellow Dump Trlr (SW)	1,000.00	0.00	1,000.00	0.00	236.00	541.12	1,205.48
Unit #15 - 2005 GMC 3/4 T(SW)	3,500.00	2,413.94	1,086.06	68.97	8,604.35	12,116.72	13,398.90
Unit #16-Load Trail Blk Dump Trlr (SW)	2,000.00	275.61	1,724.39	13.78	851.46	2,541.86	2,255.04
Unit #17 - Sterling Picker Truck (SW)	13,000.00	8,633.22	4,366.78	66.41	11,226.70	12,286.87	10,474.45
Unit #21 - 1 Ton Chev (White)	13,000.00	5,794.64	7,205.36	44.57	17,638.44	11,833.96	13,032.92
Unit #24 - 2017 Chevrolet 3500 - Silver	8,000.00	8,179.41	(179.41)	102.24	4,665.83	0.00	0.00
Unit #25 - Trailer Flatdeck 2016	0.00	417.84	(417.84)	0.00	0.00	0.00	0.00
Supplies - shop/warehouse (SW)	8,000.00	4,141.82	3,858.18	51.77	8,924.77	6,966.63	10,755.40

Solid Waste

For Period Ending 31-Dec-2017

Solid Waste Financial
As of October 27, 2017

	2017 BUDGET	2017 ACTUAL	DIFFERENCE ACTUAL TO BUDGET	PERCENTAGE ACTUAL TO BUDGET	2016 ACTUAL	2015 ACTUAL	2014 ACTUAL
Supplies - ofc & computer (RD-SW)	33,000.00	32,530.41	469.59	98.58	38,478.77	43,458.66	31,180.16
Banking Fees	14,000.00	11,922.04	2,077.96	85.16	12,135.49	0.00	0.00
Trsf to Op Resv (SW)	0.00	0.00	0.00	0.00	0.00	0.00	250,000.00
Trsf to Capital Resv - Veh/Eq (SW)	0.00	0.00	0.00	0.00	0.00	30,000.00	30,000.00
Trsf to "Green" Carbon Reserve	0.00	0.00	0.00	0.00	1,770.00	1,770.00	2,340.00
Trsf to Capital Reserve	3,500,000.00	3,500,000.00	0.00	100.00	500,000.00	500,000.00	2,300,000.00
Trsf to Landfill Closure Liability Rsvr	220,000.00	220,000.00	0.00	100.00	100,000.00	100,000.00	100,000.00
Tsf Interest on Reserve (SW)	0.00	0.00	0.00	0.00	8,153.21	8,690.67	9,397.92
Operations - Bessborough LF (SW)	48,000.00	24,770.06	23,229.94	51.60	33,893.28	79,879.91	23,965.96
Operations - Buick Crk TS (SW)	7,500.00	2,813.01	4,686.99	37.51	6,508.65	2,450.24	31,714.44
Operations - Chetwynd LF (SW)	37,000.00	17,978.08	19,021.92	48.59	24,200.75	26,853.41	25,618.52
Operations - Dawson Creek TS (SW)	49,000.00	17,454.09	31,545.91	35.62	23,649.06	14,240.67	23,911.49
Operations - North Peace LF (SW)	76,000.00	29,190.93	46,809.07	38.41	166,748.36	53,471.56	29,254.55
Operations - Landfill Gas System	93,000.00	77,612.53	15,387.47	83.45	28,814.69	7,065.20	0.00
Operations - Hudson's Hope TS (SW)	10,000.00	7,195.72	2,804.28	71.96	5,809.23	4,907.00	4,803.56
Operations - Kelly Lake TS (SW)	5,000.00	1,578.01	3,421.99	31.56	3,651.91	13,331.06	12,172.40
Operations - Upper Halfway	5,500.00	4,303.86	1,196.14	78.25	4,761.24	5,909.54	0.00
Operations - Mile 62.5 TS (SW)	5,500.00	4,374.96	1,125.04	79.54	4,860.23	4,247.81	6,743.38
Operations - Rolla TS (SW)	5,500.00	3,801.37	1,698.63	69.12	7,897.59	402.95	0.00
Operations - Moberly Lake TS (SW)	5,500.00	5,140.07	359.93	93.46	8,427.87	8,417.72	5,857.35
Operations - Pink Mountain TS (SW)	5,500.00	2,167.78	3,332.22	39.41	6,957.96	5,668.83	21,323.26
Operations - Cecil Lake TS (SW)	4,500.00	3,842.77	657.23	85.39	3,178.28	5,965.00	12,375.63
Operations - Rose Prairie TS (SW)	4,500.00	2,816.38	1,683.62	62.59	3,731.88	5,907.51	14,353.44
Operations - Goodlow TS (SW)	4,500.00	3,036.83	1,463.17	67.49	3,117.10	3,142.00	15,887.07
Operations - Taylor TS (SW)	500.00	0.00	500.00	0.00	57.16	14.29	28.58
Operations - Tomslake TS (SW)	4,500.00	2,210.22	2,289.78	49.12	3,395.31	6,014.48	14,559.55
Operations - Tumbler Ridge TS (SW)	5,000.00	1,449.65	3,550.35	28.99	233.37	2,364.01	165.00
Operations - Wonowon TS (SW)	6,000.00	5,610.27	389.73	93.50	5,622.25	4,904.78	16,961.32
Operations - Prespatou TS (SW)	6,000.00	6,684.76	(684.76)	111.41	7,837.46	27,619.83	19,964.07
Operations - Misc Transfer Stations (SW)	7,500.00	8,087.25	(587.25)	107.83	5,812.00	15,015.29	15,322.68
Contractor - Bessborough LF (SW)	1,060,000.00	787,960.92	272,039.08	74.34	1,033,333.34	920,920.75	834,533.50
Contractor - Buick Crk TS (SW)	115,000.00	91,407.08	23,592.92	79.48	115,208.21	115,201.51	115,646.39
Contractor - Cecil Lake (SW)	120,000.00	96,826.87	23,173.13	80.69	119,762.37	124,458.25	123,278.90
Contractor - Chetwynd LF (SW)	566,000.00	421,666.69	144,333.31	74.50	554,166.66	424,102.51	329,421.15
Contractor - Dawson Creek (SW)	236,000.00	179,527.52	56,472.48	76.07	217,700.33	246,721.10	235,209.31
Contractor - North Peace LF (SW)	1,650,000.00	1,227,936.95	422,063.05	74.42	1,637,706.09	1,356,056.70	1,032,186.20
Contractor - Landfill Gas System	0.00	0.00	0.00	0.00	1,912.50	14,142.00	0.00
Contractor - Hudson's Hope (SW)	57,000.00	44,000.00	13,000.00	77.19	52,800.00	52,300.00	51,100.00
Contractor - Kelly Lake (SW)	122,000.00	89,761.20	32,238.80	73.57	120,434.42	123,088.25	130,585.32
Contractor - Mile 62.5 (SW)	52,000.00	36,000.00	16,000.00	69.23	48,000.00	48,000.00	45,770.00
Contractor - Pink Mountain (SW)	119,000.00	83,290.30	35,709.70	69.99	116,431.60	111,778.50	119,127.75
Contractor - Prespatou (SW)	120,000.00	89,962.34	30,037.66	74.97	119,568.26	120,928.29	120,833.36
Contractor - Rose Prairie LF (SW)	107,000.00	84,221.77	22,778.23	78.71	106,661.23	117,875.68	104,980.34
Contractor/Transport/Haul - Goodlow	115,000.00	86,273.28	28,726.72	75.02	113,047.44	115,130.58	119,107.63
Contractor - Tomslake (SW)	120,000.00	90,871.31	29,128.69	75.73	118,317.50	116,808.46	121,466.69
Contractor - Tumbler Ridge (SW)	100,000.00	45,320.97	54,679.03	45.32	98,433.42	97,210.54	133,924.91
Contractor - Wonowon (SW)	120,000.00	82,199.43	37,800.57	68.50	114,464.63	116,895.19	118,424.55

Solid Waste

For Period Ending 31-Dec-2017

Solid Waste Financial
As of October 27, 2017

	2017 BUDGET	2017 ACTUAL	DIFFERENCE ACTUAL TO BUDGET	PERCENTAGE ACTUAL TO BUDGET	2016 ACTUAL	2015 ACTUAL	2014 ACTUAL
Cont/Haul/Transport-Upper Halfway	130,000.00	99,372.35	30,627.65	76.44	130,197.86	12,548.44	0.00
Cont/Haul/Transport-Rolla	130,000.00	100,893.91	29,106.09	77.61	125,459.52	10,290.98	0.00
Cont/Haul/Transport-Moberly Lake	130,000.00	105,208.29	24,791.71	80.93	135,470.44	4,397.40	0.00
Transport/Haul - Dawson Creek (SW)	23,000.00	19,153.15	3,846.85	83.27	22,419.21	21,380.68	20,698.44
Transport/Haul - Hudson's Hope (SW)	70,000.00	50,494.70	19,505.30	72.14	69,020.75	62,906.74	62,884.94
Transport/Haul - NP Haul All PL6 (SW)	155,000.00	73,916.36	81,083.64	47.69	149,765.58	134,020.29	170,002.79
Transport/Haul - Pouce Coupe (SW)	1,500.00	0.00	1,500.00	0.00	1,185.00	1,185.00	1,185.00
Transport/Haul - SP Haul All PL6 (SW)	350,000.00	251,998.61	98,001.39	72.00	348,477.81	334,998.22	361,829.61
Transport/Haul - Taylor (SW)	12,500.00	6,240.00	6,260.00	49.92	18,720.00	6,240.00	12,720.00
Transport/Haul - Tumbler Ridge (SW)	105,000.00	84,495.45	20,504.55	80.47	105,423.39	104,111.13	122,156.51
Transport/Haul - Misc Transfer Stations	9,000.00	4,485.99	4,514.01	49.84	8,271.28	12,805.02	10,941.32
Extra Charges Recoverable	0.00	210.00	(210.00)	0.00	1,059.50	702.50	432.50
Recycling - NEAT (SW)	345,780.00	286,455.00	59,325.00	82.84	340,700.00	349,999.98	328,000.02
Recycling - RecycleIt (SW)	1,800,000.00	726,182.02	1,073,817.98	40.34	1,980,138.60	1,816,244.02	1,772,385.89
Recycling - Taylor Site Rental	6,000.00	5,000.00	1,000.00	83.33	6,000.00	6,000.00	6,000.00
MMBC Municipal Recycle Reimbursement	10,000.00	8,248.53	1,751.47	82.49	10,572.56	0.00	0.00
New Clean-up Program (SW)	100,000.00	73,548.52	26,451.48	73.55	116,819.85	112,786.06	110,892.82
Water Monitoring - Bessborough LF	20,000.00	361.99	19,638.01	1.81	16,490.47	18,952.61	9,632.16
Water Monitoring - Chetwynd LF	18,000.00	10,722.31	7,277.69	59.57	20,630.59	13,545.76	16,391.61
Water Monitoring - Dawson Creek TS	26,500.00	1,048.95	25,451.05	3.96	15,668.53	15,739.28	15,673.06
Water Monitoring - North Peace LF	25,500.00	8,240.58	17,259.42	32.32	8,321.57	13,136.37	12,567.69
Water Monitoring - Mile 62.5 TS	5,500.00	4,915.71	584.29	89.38	4,617.48	4,173.72	2,314.57
Water Monitoring - Rose Prairie	23,000.00	9,247.55	13,752.45	40.21	14,508.08	13,916.74	11,360.07
Water Monitoring - Hudson's Hope TS	11,000.00	2,178.76	8,821.24	19.81	5,722.49	3,488.82	4,511.37
Water Monitoring - Moberly Lake TS	4,500.00	4,744.23	(244.23)	105.43	1,599.92	3,823.31	216.00
Water Monitoring - Taylor TS	11,000.00	2,479.91	8,520.09	22.54	5,949.90	6,979.44	5,623.24
Water Monitoring - Misc. Trsf Stns	2,500.00	0.00	2,500.00	0.00	0.00	0.00	0.00
Water Monitoring - East Pine	10,000.00	1,306.49	8,693.51	13.06	4,621.49	3,293.67	7,809.86
Water Monitoring - Groundbirch	11,000.00	7,158.19	3,841.81	65.07	5,448.94	4,014.62	3,898.07
Water Monitoring - Milligan Creek	5,500.00	1,514.63	3,985.37	27.54	4,806.05	3,754.55	5,116.07
Water Monitoring - Mile 98	4,500.00	3,094.73	1,405.27	68.77	1,387.24	3,035.99	1,729.75
Mitigation of Closed Landfills	50,000.00	200.00	49,800.00	0.40	8,942.50	0.00	0.00
SW Capital - Bessborough LF	118,000.00	37,694.77	80,305.23	31.94	(0.38)	59,082.15	0.00
SW Capital - Chetwynd LF	0.00	0.00	0.00	0.00	972,358.15	56,725.14	0.00
SW Capital - Dawson Creek TS	0.00	0.00	0.00	0.00	0.00	373,048.76	0.00
SW Capital - North Peace LF	1,922,000.00	1,560,924.42	361,075.58	81.21	2,706,474.17	835,373.46	27,805.47
SW Capital - Upper Halfway TS	0.00	0.00	0.00	0.00	7,252.22	391,462.94	31,830.79
SW Capital - Equipment	86,000.00	88,553.31	(2,553.31)	102.97	0.00	0.00	0.00
SW Capital - Miscellaneous	50,000.00	7,000.00	43,000.00	14.00	35,495.23	0.00	6,441.40
SW Capital - Lone Prairie TS	0.00	932.00	(932.00)	0.00	0.00	28,350.28	2,500.00
SW Capital - Moberly Lake TS	0.00	0.00	0.00	0.00	19,125.51	364,665.01	3,000.00
SW Capital - ROLLA TS	0.00	0.00	0.00	0.00	8,055.01	423,730.74	440.00
SW Capital - Lebell TS	0.00	0.00	0.00	0.00	0.00	0.00	4,745.25
SW Capital - Doig River TS	0.00	1,044.55	(1,044.55)	0.00	0.00	0.00	300.00
SW Capital - Landfill Gas Project	150,000.00	2,323.00	147,677.00	1.55	0.00	65,749.29	1,325,759.27
Total EXPENDITURES	**16,894,964.00**	**12,827,255.12**	**4,067,708.88**	**75.92**	**14,912,534.44**	**12,650,211.77**	**12,661,117.03**

Solid Waste

For Period Ending 31-Dec-2017

Solid Waste Financial
As of October 27, 2017

	2017 BUDGET	2017 ACTUAL	DIFFERENCE ACTUAL TO BUDGET	PERCENTAGE ACTUAL TO BUDGET	2016 ACTUAL	2015 ACTUAL	2014 ACTUAL
Total Surplus (-)/Deficit	**0.00**	**(3,980,539.37)**	**3,980,539.37**	**0.00**	**(1,404,094.13)**	**(1,675,653.53)**	**(1,493,253.79)**

As of : 31-Oct-2017
Fiscal Year : 2017
Period : 10
Budget Type : APPROVED BUDGET

From Category : 4300 **To Category :** 4300

Account Code : ??-?-????-??? **To :** ??-?-????-???

Account Code	Account Name	Current Period	Year to Date	Committed	Budget Amount	Variance
1-->	**General Operating Fund**					
4300-->	**REGIONAL SOLID WASTE MANAGEMENT ~ ++^**					
1-->	**REVENUES**					
01-1-4300-110	Requisition - electoral (SW)	0.00	-3,961,295.32	0.00	-3,961,295.00	0.32
01-1-4300-111	Requisition - municipal (SW)	0.00	-1,789,377.00	0.00	-1,789,377.00	0.00
01-1-4300-120	Grants-in-lieu (SW)	0.00	-690,782.69	0.00	-600,000.00	90,782.69
01-1-4300-122	SW - Misc Fees - Sch C	-150.00	-2,495.00	0.00	-100.00	2,395.00
01-1-4300-123	Weight Fee	-30.00	-330.00	0.00	-100.00	230.00
01-1-4300-124	Unsecure Loads	-30.05	-1,133.40	0.00	-1,500.00	-366.60
01-1-4300-125	Cash Short/Over - Rolla	-2.00	-23.10	0.00	-10.00	13.10
01-1-4300-126	Cash Short/Over - Kelly Lake T	0.00	1.05	0.00	-10.00	-11.05
01-1-4300-127	Cash Short/Over - Tomslake TS	0.00	-5.20	0.00	-10.00	-4.80
01-1-4300-128	Cash Short/Over - Pink Mtn TS	0.00	0.00	0.00	-10.00	-10.00
01-1-4300-129	Cash Short/Over - Wonowon TS	0.00	3.20	0.00	-10.00	-13.20
01-1-4300-130	Cash Short/Over - Prespatou TS	0.00	13.85	0.00	-10.00	-23.85
01-1-4300-131	Cash Short/Over - Bessborough	-355.00	75.35	0.00	-10.00	-85.35
01-1-4300-132	Cash Short/Over - Chet LF (SW)	0.00	196.07	0.00	-10.00	-206.07
01-1-4300-133	Cash Short/Over - DC Trf Stn (	0.70	293.50	0.00	-10.00	-303.50
01-1-4300-134	Cash Short/Over - NP LF (SW)	-53.15	74.27	0.00	-10.00	-84.27
01-1-4300-135	Cash Short/Over - Mile 62.5 Tr	0.00	0.80	0.00	-10.00	-10.80
01-1-4300-136	Cash Short/Over - Rose Pr Trf	0.00	0.48	0.00	-10.00	-10.48
01-1-4300-137	Cash Short/Over - Buick	0.00	0.00	0.00	-10.00	-10.00
01-1-4300-138	Cash Short/Over - Cecil Lake	0.00	-1.35	0.00	-10.00	-8.65
01-1-4300-139	Cash Short/Over - Goodlow	0.00	1.60	0.00	-10.00	-11.60
01-1-4300-140	Extra Charges Recovered	-145.00	-425.00	0.00	0.00	425.00
01-1-4300-141	Fees - Bessborough LF (SW)	-15,562.50	-1,371,162.98	0.00	-1,100,000.00	271,162.98
01-1-4300-142	Fees - Chetwynd LF (SW)	-2,078.00	-436,910.54	0.00	-400,000.00	36,910.54
01-1-4300-143	Fees - DC Trf Station (SW)	-6,556.75	-67,940.75	0.00	-60,000.00	7,940.75
01-1-4300-144	Fees - NP LF (SW)	-23,820.45	-1,701,990.63	0.00	-2,300,000.00	-598,009.37
01-1-4300-145	Fees - Mile 62.5 Trf Stn (SW)	-207.80	-2,787.30	0.00	-3,000.00	-212.70
01-1-4300-146	Fees - Rose Pr Trf St (SW)	-142.60	-2,129.88	0.00	-3,000.00	-870.12
01-1-4300-147	Fees - Buick	-189.40	-1,141.40	0.00	-1,300.00	-158.60
01-1-4300-148	Fees - Cecil Lake	-204.25	-2,745.65	0.00	-2,500.00	245.65
01-1-4300-149	Fees - Goodlow	-4.80	-282.35	0.00	-500.00	-217.65
01-1-4300-150	Fees - Rolla	-499.40	-4,803.70	0.00	-5,000.00	-196.30
01-1-4300-151	Fees - Moberly	-183.00	-5,881.35	0.00	-3,000.00	2,881.35

As of : 31-Oct-2017
Fiscal Year : 2017
Period : 10
Budget Type : APPROVED BUDGET

From Category : 4300 **To Category :** 4300

Account Code : ??-?-????-??? **To :** ??-?-????-???

Account Code	Account Name	Current Period	Year to Date	Committed	Budget Amount	Variance
01-1-4300-152	Fees - Upper Halfway	-43.20	-1,467.65	0.00	-1,000.00	467.65
01-1-4300-155	Shared administration fees (SW	0.00	-19,500.00	0.00	-19,500.00	0.00
01-1-4300-157	Recovered costs (SW)	0.00	-34,362.43	0.00	-20,000.00	14,362.43
01-1-4300-158	Recycling Revenue (SW)	-10,195.56	-123,834.15	0.00	-10,000.00	113,834.15
01-1-4300-159	Metals Salvage (SW)	0.00	0.00	0.00	-100.00	-100.00
01-1-4300-161	Insurance proceeds (SW)	-87,258.34	-92,656.09	0.00	-11,700.00	80,956.09
01-1-4300-165	MMBC Recycle Revenue	-310.98	-3,687.98	0.00	-2,000.00	1,687.98
01-1-4300-166	MMBC - Education & Training Fu	-6,266.55	-56,524.62	0.00	-60,000.00	-3,475.38
01-1-4300-167	MMBC Municipal Revenue	0.00	-8,248.53	0.00	-7,000.00	1,248.53
01-1-4300-168	MMBC Hauling Rebate	0.00	-3,241.81	0.00	-2,000.00	1,241.81
01-1-4300-169	Cash Short/Over - Moberly	2.05	-19.20	0.00	-10.00	9.20
01-1-4300-170	Cash Short/Over - Upper Halfwa	-12.00	20.24	0.00	-10.00	-30.24
01-1-4300-171	Fees - Kelly Lake TS	-126.05	-1,063.65	0.00	-1,000.00	63.65
01-1-4300-172	Fees - Tomslake TS	-424.05	-4,237.30	0.00	-5,500.00	-1,262.70
01-1-4300-173	Fees - Pink Mtn TS	-80.60	-449.80	0.00	-500.00	-50.20
01-1-4300-174	Fees - Wonowon TS	-78.55	-1,305.00	0.00	-1,000.00	305.00
01-1-4300-175	Fees - Prespatou TS	-194.45	-3,621.10	0.00	-3,500.00	121.10
01-1-4300-178	MFA Actuarial Contrib.(SW)	0.00	0.00	0.00	-58,711.00	-58,711.00
01-1-4300-189	Loan Proceeds (SW)	-4,950,000.00	-4,950,000.00	0.00	-5,000,000.00	-50,000.00
01-1-4300-190	Appropriated surplus (SW)	0.00	-1,460,611.00	0.00	-1,460,611.00	0.00
	Total REVENUES	-5,105,201.73	-16,807,794.49	0.00	-16,894,964.00	-87,169.51
2-->	**EXPENDITURES**					
01-2-4300-200	Wages (SW)	46,550.05	516,656.53	0.00	670,466.00	153,809.47
01-2-4300-205	Benefits (SW)	10,853.86	128,596.73	0.00	189,718.00	61,121.27
01-2-4300-206	WCB (SW)	433.24	5,941.55	0.00	7,127.00	1,185.45
01-2-4300-210	Travel/Train/Conf/Wrkshp (SW)	637.62	10,879.35	0.00	17,000.00	6,120.65
01-2-4300-211	Travel, Use of RD Vehicle	0.00	19,900.00	0.00	19,900.00	0.00
01-2-4300-212	Mileage In-Region (SW)	0.00	18.57	0.00	300.00	281.43
01-2-4300-215	Meals In-Region (SW)	14.29	1,891.84	0.00	3,500.00	1,608.16
01-2-4300-216	Meetings (SW)	0.00	1,189.35	0.00	2,200.00	1,010.65
01-2-4300-218	Memberships (SW)	323.82	5,277.13	0.00	5,000.00	-277.13
01-2-4300-230	Phone,Ph Supplies,Internet, Al	380.95	3,276.78	0.00	5,000.00	1,723.22
01-2-4300-240	Advertising (SW)	0.00	16,495.69	0.00	15,000.00	-1,495.69
01-2-4300-242	Videos	2,309.80	13,330.80	0.00	13,979.00	648.20
01-2-4300-250	Legal Services (SW)	0.00	2,459.57	0.00	10,000.00	7,540.43
01-2-4300-252	Consulting Services (SW)	1,437.00	24,578.24	0.00	30,000.00	5,421.76
01-2-4300-256	Waste Composition Study	0.00	68,363.82	0.00	128,100.00	59,736.18

Income Statement By Function

As of : 31-Oct-2017
Fiscal Year : 2017
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Budget Type : APPROVED BUDGET
From Category : 4300 **To Category :** 4300
Account Code : ??-?-????-??? **To :** ??-?-????-???

Account Code	Account Name	Current Period	Year to Date	Committed	Budget Amount	Variance
01-2-4300-260	Insurance (SW)	0.00	12,028.02	0.00	11,900.00	-128.02
01-2-4300-261	Administration fees (SW)	0.00	198,000.00	0.00	198,000.00	0.00
01-2-4300-262	Interest - debenture (SW)	82,586.91	165,173.82	0.00	165,174.00	0.18
01-2-4300-263	Principal - debenture (SW)	257,515.17	414,108.98	0.00	414,109.00	0.02
01-2-4300-289	Actuarial Recognized (SW)	0.00	0.00	0.00	58,711.00	58,711.00
01-2-4300-298	Bad debts (SW)	0.00	0.00	0.00	1,000.00	1,000.00
01-2-4300-299	Miscellaneous (SW)	0.00	0.00	0.00	2,000.00	2,000.00
01-2-4300-309	Unit #9 - Trailtech Flatdeck T	0.00	118.88	0.00	1,000.00	881.12
01-2-4300-311	Unit #11 - Bobcat (SW)	2,400.88	3,726.35	0.00	3,000.00	-726.35
01-2-4300-314	Unit #14 - Yellow Dump Trlr (S	0.00	0.00	0.00	1,000.00	1,000.00
01-2-4300-315	Unit #15 - 2005 GMC 3/4 T(SW)	23.02	2,413.94	0.00	3,500.00	1,086.06
01-2-4300-316	Unit #16-Load Trail Blk Dump T	0.00	275.61	0.00	2,000.00	1,724.39
01-2-4300-317	Unit #17 - Sterling Picker Tru	162.44	8,633.22	0.00	13,000.00	4,366.78
01-2-4300-321	Unit #21 - 1 Ton Chev (White)	255.33	5,794.64	0.00	13,000.00	7,205.36
01-2-4300-324	Unit #24 - 2017 Chevrolet 3500	824.94	8,179.41	0.00	8,000.00	-179.41
01-2-4300-325	Unit #25 - Trailer Flatdeck 20	0.00	417.84	0.00	0.00	-417.84
01-2-4300-361	Supplies - shop/warehouse (SW)	421.16	4,141.82	0.00	8,000.00	3,858.18
01-2-4300-362	Supplies - ofc & computer (RD-	5,775.56	32,530.41	0.00	33,000.00	469.59
01-2-4300-365	Banking Fees	2,563.17	11,922.04	0.00	14,000.00	2,077.96
01-2-4300-607	Trsf to Capital Reserve	2,500,000.00	3,500,000.00	0.00	3,500,000.00	0.00
01-2-4300-608	Trsf to Landfill Closure Liabi	0.00	220,000.00	0.00	220,000.00	0.00
01-2-4300-702	Operations - Bessborough LF (S	837.26	24,770.06	0.00	48,000.00	23,229.94
01-2-4300-703	Operations - Buick Crk TS (SW)	206.72	2,813.01	0.00	7,500.00	4,686.99
01-2-4300-705	Operations - Chetwynd LF (SW)	448.80	17,978.08	0.00	37,000.00	19,021.92
01-2-4300-706	Operations - Dawson Creek TS (	902.68	17,454.09	0.00	49,000.00	31,545.91
01-2-4300-708	Operations - North Peace LF (S	824.71	29,190.93	0.00	76,000.00	46,809.07
01-2-4300-709	Operations - Landfill Gas Syst	5,194.75	77,612.53	0.00	93,000.00	15,387.47
01-2-4300-711	Operations - Hudson's Hope TS	342.54	7,195.72	0.00	10,000.00	2,804.28
01-2-4300-712	Operations - Kelly Lake TS (S	116.23	1,578.01	0.00	5,000.00	3,421.99
01-2-4300-713	Operations - Upper Halfway	305.58	4,303.86	0.00	5,500.00	1,196.14
01-2-4300-714	Operations - Mile 62.5 TS (SW)	158.66	4,374.96	0.00	5,500.00	1,125.04
01-2-4300-715	Operations - Rolla TS (SW)	720.44	3,801.37	0.00	5,500.00	1,698.63
01-2-4300-716	Operations - Moberly Lake TS (	389.52	5,140.07	0.00	5,500.00	359.93
01-2-4300-719	Operations - Pink Mountain TS	116.15	2,167.78	0.00	5,500.00	3,332.22
01-2-4300-721	Operations - Cecil Lake TS (SW	481.12	3,842.77	0.00	4,500.00	657.23
01-2-4300-722	Operations - Rose Prairie TS (	131.05	2,816.38	0.00	4,500.00	1,683.62
01-2-4300-723	Operations - Goodlow TS (SW)	185.72	3,036.83	0.00	4,500.00	1,463.17
01-2-4300-724	Operations - Taylor TS (SW)	0.00	0.00	0.00	500.00	500.00

Income Statement By Function

As of : 31-Oct-2017
Fiscal Year : 2017
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Budget Type : APPROVED BUDGET
From Category : 4300 **To Category :** 4300
Account Code : ??-?-????-??? **To :** ??-?-????-???

Account Code	Account Name	Current Period	Year to Date	Committed	Budget Amount	Variance
01-2-4300-725	Operations - Tomslake TS (SW)	130.82	2,210.22	0.00	4,500.00	2,289.78
01-2-4300-726	Operations - Tumbler Ridge TS	0.00	1,449.65	0.00	5,000.00	3,550.35
01-2-4300-727	Operations - Wonowon TS (SW)	314.51	5,610.27	0.00	6,000.00	389.73
01-2-4300-728	Operations - Prespatou TS (SW)	117.40	6,684.76	0.00	6,000.00	-684.76
01-2-4300-729	Operations - Misc Transfer Sta	174.32	8,087.25	0.00	7,500.00	-587.25
01-2-4300-732	Contractor - Bessborough LF (S	89,166.67	787,960.92	0.00	1,060,000.00	272,039.08
01-2-4300-733	Contractor - Buick Crk TS (SW)	9,846.73	91,407.08	0.00	115,000.00	23,592.92
01-2-4300-734	Contractor - Cecil Lake (SW)	11,434.23	96,826.87	0.00	120,000.00	23,173.13
01-2-4300-735	Contractor - Chetwynd LF (SW)	47,500.00	421,666.69	0.00	566,000.00	144,333.31
01-2-4300-736	Contractor - Dawson Creek (SW)	22,653.52	179,527.52	0.00	236,000.00	56,472.48
01-2-4300-738	Contractor - North Peace LF (S	138,333.33	1,227,936.95	0.00	1,650,000.00	422,063.05
01-2-4300-741	Contractor - Hudson's Hope (SW	4,400.00	44,000.00	0.00	57,000.00	13,000.00
01-2-4300-742	Contractor - Kelly Lake (SW)	8,521.81	89,761.20	0.00	122,000.00	32,238.80
01-2-4300-744	Contractor - Mile 62.5 (SW)	4,000.00	36,000.00	0.00	52,000.00	16,000.00
01-2-4300-749	Contractor - Pink Mountain (SW	8,521.81	83,290.30	0.00	119,000.00	35,709.70
01-2-4300-751	Contractor - Prespatou (SW)	9,942.03	89,962.34	0.00	120,000.00	30,037.66
01-2-4300-752	Contractor - Rose Prairie LF (	7,926.81	84,221.77	0.00	107,000.00	22,778.23
01-2-4300-754	Contractor/Transport/Haul - Go	9,140.57	86,273.28	0.00	115,000.00	28,726.72
01-2-4300-755	Contractor - Tomslake (SW)	9,488.23	90,871.31	0.00	120,000.00	29,128.69
01-2-4300-756	Contractor - Tumbler Ridge (SW	0.00	45,320.97	0.00	100,000.00	54,679.03
01-2-4300-757	Contractor - Wonowon (SW)	8,241.82	82,199.43	0.00	120,000.00	37,800.57
01-2-4300-758	Cont/Haul/Transport-Upper Half	10,354.23	99,372.35	0.00	130,000.00	30,627.65
01-2-4300-761	Cont/Haul/Transport-Rolla	10,758.96	100,893.91	0.00	130,000.00	29,106.09
01-2-4300-763	Cont/Haul/Transport-Moberly La	11,662.70	105,208.29	0.00	130,000.00	24,791.71
01-2-4300-776	Transport/Haul - Dawson Creek	1,920.85	19,153.15	0.00	23,000.00	3,846.85
01-2-4300-781	Transport/Haul - Hudson's Hope	6,281.34	50,494.70	0.00	70,000.00	19,505.30
01-2-4300-787	Transport/Haul - NP Haul All P	5,878.45	73,916.36	0.00	155,000.00	81,083.64
01-2-4300-790	Transport/Haul - Pouce Coupe (	0.00	0.00	0.00	1,500.00	1,500.00
01-2-4300-793	Transport/Haul - SP Haul All P	22,189.06	251,998.61	0.00	350,000.00	98,001.39
01-2-4300-794	Transport/Haul - Taylor (SW)	0.00	6,240.00	0.00	12,500.00	6,260.00
01-2-4300-796	Transport/Haul - Tumbler Ridge	9,422.01	84,495.45	0.00	105,000.00	20,504.55
01-2-4300-799	Transport/Haul - Misc Transfer	425.11	4,485.99	0.00	9,000.00	4,514.01
01-2-4300-840	Extra Charges Recoverable	0.00	210.00	0.00	0.00	-210.00
01-2-4300-872	Recycling - NEAT (SW)	28,815.00	286,455.00	0.00	345,780.00	59,325.00
01-2-4300-873	Recycling - RecycleIt (SW)	91,078.99	726,182.02	0.00	1,800,000.00	1,073,817.98
01-2-4300-875	Recycling - Taylor Site Rental	500.00	5,000.00	0.00	6,000.00	1,000.00
01-2-4300-877	MMBC Municipal Recycle Reimbur	0.00	8,248.53	0.00	10,000.00	1,751.47
01-2-4300-894	New Clean-up Program (SW)	19,628.99	73,548.52	0.00	100,000.00	26,451.48

Income Statement By Function

As of : 31-Oct-2017
Fiscal Year : 2017
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From Category : 4300 **To Category :** 4300
Account Code : ??-?-????-??? **To :** ??-?-????-???

Account Code	Account Name	Current Period	Year to Date	Committed	Budget Amount	Variance
01-2-4300-901	Water Monitoring - Bessborough	0.00	361.99	0.00	20,000.00	19,638.01
01-2-4300-902	Water Monitoring - Chetwynd LF	10,722.31	10,722.31	0.00	18,000.00	7,277.69
01-2-4300-903	Water Monitoring - Dawson Cree	0.00	1,048.95	0.00	26,500.00	25,451.05
01-2-4300-904	Water Monitoring - North Peace	5,854.97	8,240.58	0.00	25,500.00	17,259.42
01-2-4300-905	Water Monitoring - Mile 62.5 T	3,204.73	4,915.71	0.00	5,500.00	584.29
01-2-4300-906	Water Monitoring - Rose Prairi	9,039.65	9,247.55	0.00	23,000.00	13,752.45
01-2-4300-908	Water Monitoring - Hudson's Ho	0.00	2,178.76	0.00	11,000.00	8,821.24
01-2-4300-910	Water Monitoring - Moberly Lak	4,744.23	4,744.23	0.00	4,500.00	-244.23
01-2-4300-911	Water Monitoring - Taylor TS	0.00	2,479.91	0.00	11,000.00	8,520.09
01-2-4300-913	Water Monitoring - Misc. Trsf	0.00	0.00	0.00	2,500.00	2,500.00
01-2-4300-915	Water Monitoring - East Pine	0.00	1,306.49	0.00	10,000.00	8,693.51
01-2-4300-916	Water Monitoring - Groundbirch	5,710.23	7,158.19	0.00	11,000.00	3,841.81
01-2-4300-917	Water Monitoring - Milligan Cr	0.00	1,514.63	0.00	5,500.00	3,985.37
01-2-4300-918	Water Monitoring - Mile 98	3,094.73	3,094.73	0.00	4,500.00	1,405.27
01-2-4300-940	Mitigation of Closed Landfills	0.00	200.00	0.00	50,000.00	49,800.00
01-2-4300-951	SW Capital - Bessborough LF	37,161.52	37,694.77	0.00	118,000.00	80,305.23
01-2-4300-954	SW Capital - North Peace LF	582,478.51	1,560,924.42	0.00	1,922,000.00	361,075.58
01-2-4300-973	SW Capital - Equipment	0.00	88,553.31	0.00	86,000.00	-2,553.31
01-2-4300-975	SW Capital - Miscellaneous	0.00	7,000.00	0.00	50,000.00	43,000.00
01-2-4300-976	SW Capital - Lone Prairie TS	0.00	932.00	0.00	0.00	-932.00
01-2-4300-983	SW Capital - Doig River TS	0.00	1,044.55	0.00	0.00	-1,044.55
01-2-4300-988	SW Capital - Landfill Gas Proj	2,323.00	2,323.00	0.00	150,000.00	147,677.00
	Total EXPENDITURES	4,199,935.32	12,827,255.12	0.00	16,894,964.00	4,067,708.88
:EGIONAL SOLID WASTE MANAGEMENT ~ ++^ Surplus/Defi		-905,266.41	-3,980,539.37	0.00	0.00	3,980,539.37
	Report Total -->	-905,266.41	-3,980,539.37	0.00	0.00	3,980,539.37

PEACE RIVER REGIONAL DISTRICT

Solid Waste Committee
TERMS OF REFERENCE

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

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

ROLE OF THE COMMITTEE

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

STRUCTURE OF THE SOLID WASTE COMMITTEE

1. **Members:** The SWC will consist of five (5) Board members as appointed by the Chair and will consist of:
   - Director from the City of Dawson Creek, or alternate director
   - Director from the City of Fort St. John, or alternate director
   - Director from the District of Chetwynd, or alternate director
   - Director from Electoral Area 'B', or alternate (Electoral Area 'C' Director)
   - Director from Electoral Area 'E', or alternate (Electoral Area 'D' Director)
   - PRRD Board Chair, as ex-officio member
   - The meetings will be chaired by a Committee member elected by the Committee participants on an annual basis
   - In the absence of the Chair, a member elected Vice-Chair by the Committee on an annual basis will chair the meetings;
   - Appropriate Regional District staff person – non-voting.

2. **Meetings:**
   - The Committee shall meet on a monthly basis, on the first Thursday of every month;
   - Meetings will be open to the public;
   - Items for the regular agenda must be provided to Administration one (1) week prior to the scheduled meeting;
   - The PRRD Board Chair will be given a copy of all Committee meeting agendas.
3. **Procedures:**
   - Quorum – at least one-half of the members of the Committee;
   - Voting – all options and recommendations shall be determined by majority vote, with recommendations and options being forwarded to the Regional Board for consideration and action.

Adopted by the Regional Board: May 26, 2016
RD/16/05/20 (26)