



**PEACE RIVER REGIONAL DISTRICT
Solid Waste Committee**

for the meeting to be held on **Tuesday, June 7, 2016**
at the Regional District offices, 1981 Alaska Avenue, Dawson Creek, BC
commencing at 9:30 am

1. **Call to Order:** **Chair – Director Dan Rose**
 2. **Notice of New Business:**
 3. **Adoption of the Agenda:**
 4. **Adoption of the Minutes:**
 - M-1 Solid Waste Committee Meeting Minutes of April 27, 2016
 - M-2 Solid Waste Committee and Plan Monitoring Advisory Committee Joint Meeting Minutes of May 13, 2016.
 5. **Business Arising from the Minutes:**
 6. **Delegations:**
 7. **Correspondence:**
 8. **Reports:**
 - R-1 May 26, 2016 report from Paulo Eichelberger, Manager of Solid Waste Services regarding curbside recycling / follow-up to Recycling Request for Proposal.
 - R-2 2016 Regional Solid Waste Management Plan presentation
 9. **New Business:**
 10. **Items for Information:**
 11. **Diary and Terms of Reference:**
 12. **Adjournment:**
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**PEACE RIVER REGIONAL DISTRICT
Solid Waste Committee Meeting Minutes**

DATE: Wednesday, April 27, 2016

PLACE: Regional District Offices, Dawson Creek, BC

PRESENT: Director Karen Goodings, Electoral Area 'B'
Director Leonard Hiebert, Electoral Area 'D'
Director Dan Rose, Electoral Area 'E'
Director Dale Bumstead, City of Dawson Creek
Director Lori Ackerman, City of Fort St. John
PRRD Chair Don McPherson, ex officio

Staff

Chris Cvik, Chief Administrative Officer, 10:20 am
Jeff Rahn, General Manager of Environmental Services
Paulo Eichelberger, Manager of Solid Waste
Loryn Day, Solid Waste Coordinator
Suzanne Garrett, Corporate Services Coordinator

- 1) Call to Order The meeting was called to order at 9:40 am
- 2) Election of
Committee Chair The Chair called for nominations for the office of Committee Chair for 2016.
- Director Goodings nominated Director Rose for the office of Committee Chair for 2016. Director Ackerman seconded the nomination.
- Director Rose accepted the nomination.
- The Chair declared Director Rose Committee Chair of the Solid Waste Committee for 2016.
- 3) Vice-Chair Director Bumstead volunteered for the position of Committee Vice-Chair for 2016.

ADOPTION OF THE AGENDA:

- 4) Adoption of the
Agenda MOVED by Director Goodings, SECONDED by Director Ackerman, that the Solid Waste Committee agenda for the April 27, 2016 meeting including Director's new business and additional items for the agenda, be adopted as amended:
- Election of Chair**
Notice of New Business
Adoption of the Agenda
Topics for Discussion
- a) Review of the Terms of Reference
 - b) Level of public consultation necessary for amendment of the Regional Solid Waste Management Plan (SWMP) with regard to the North Peace Regional Landfill development project
 - c) Confirmation of agenda items for the May 3, 2016 meeting with municipal representatives to discuss curbside recycling
 - d) Topics of discussion at the next meeting
 - e) Date of next meeting

CARRIED.

June 7, 2016

- 5) Terms of Reference: Committee members reviewed the draft Terms of Reference.

Role of the Committee

- Remove “is to act as the policy oversight committee” and replace with “to act as an advisory committee”;
- Remove “from the implementation process”

To read as follows:

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.

Meetings

- Change to read “The Committee shall meet on a monthly basis, on the first Thursday of every month;

Procedures

Voting – all recommendations that come before the Committee shall be determined by way of a majority vote;

- Change to “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.

MOVED by Director Ackerman, SECONDED by Director Hiebert,
That the Solid Waste Committee recommends to the Regional Board that the Terms of Reference for the Solid Waste Committee, be adopted, as amended.

CARRIED.

- 6) Public Consultation Discussion ensued regarding the level of public consultation necessary for amendment of the Regional Solid Waste Management Plan (RSWMP) with regard to the North Peace Regional Landfill development project. It was noted that upgrades to the landfill site are a direct requirement of the operating permit stipulated by the Ministry of Environment (MoE).

The Regional District has been advised by the Ministry of Community, Sport and Cultural Development (MCSCD) that prior to approving the construction project at the North Peace Regional landfill that the said project must be identified in the RSWMP. Consequently an amendment to the Plan is required. The amendment also requires public consultation and review by Plan Monitoring Advisory Committee pursuant to Section 9.2.2 of the RSWMP (approved by the Regional Board on January 14, 2016.)

Public consultation could include advertisements, public open house meetings, outreach via the website. It was noted that the consultation process will need to be submitted to MoE for approval to ensure public consultation requirements are met.

It was suggested that staff prepare an amendment, work with PMAC and SWC and inform the public through Board, This would provide an opportunity for PMAC and SWC to bring forward issues/concerns. It was suggested that a list of ongoing issues to be addressed be created, i.e. Diary.

- 6) Public Consultation (continued) Discussion ensued regarding undertaking a complete review of the SWMP to address issues. It was noted that the MoE will require that the Plan be updated to take into new regulations that have been enacted since the Plan's adoption in 2009..

MOVED by Director Ackerman, SECONDED by Director Bumstead,
That the Solid Waste Committee recommend to the Regional Board that the Ministry of Environment be invited to the fall meeting of the Solid Waste Committee to provide an overview on the implications of undertaking a complete review of the Regional Solid Waste Management Plan.

CARRIED.

It was suggested that the financing of other capital projects under the RSWMP be identified and included in the amendment being created. It was felt that the focus should be on the capital project for the North Peace Regional Landfill, staff will check the RSWMP to identify other projects and clarify if the projects have sufficient information in the RSWMP to satisfy the Ministry of Community, Sport and Cultural Development's requirements.

MOVED by Director Goodings, SECONDED by Director McPherson,
That the Solid Waste Committee recommends to the Regional Board that in order to meet the requirements of the Ministry of Environment and the Ministry of Community, Sport and Cultural Development, with respect to the North Peace Regional Landfill project, that public consultation include:

- a) a newspaper advertisement which describes what the Regional District plans on undertaking (i.e. adding an amendment to the RSWMP which outlines costs and upcoming project details);
- b) one public open house held for the service area for the gathering of comments on the proposed appendix;
- c) a direct mail-out to households in the service area (if costs are unreasonable, a discussion will take place with MoE to find an alternate combination of the above).

CARRIED.

It was suggested that the Solid Waste Committee meet with the Plan Monitoring Advisory Committee to review the RSWMP. Forward an Invitation to the Plan Monitoring Advisory Committee to ascertain if they would like to participate in the review of the RSWMP. Determine which date, May 13th or June 7th, work for the majority of members.

- 7) May 3, 2016 mtg. Mr. Rahn reviewed agenda topics for the May 3, 2016 meeting with municipal representatives to discuss curbside recycling. Topics include:
- Municipality plans for:
 - a) curbside recycling and perceived impacts
 - b) any plans for curbside organics municipalities may have
 - The Multi-Material BC Program
 - Roundtable discussion items:
 - a) learning experiences from curbside programs
 - b) lead time to contract out education
 - c) Trucking options and efficiencies
 - d) Post processing of curbside recyclables – how it feeds into the region's recycling systems
 - e) budgeting schedule for municipalities and the Regional District

- 7) May 3 meeting MOVED by Director Ackerman, SECONDED by Director Bumstead,
That the Solid Waste Committee recommends to the Regional Board that a letter be forwarded to all Mayors and Councils advising that the Regional District is undertaking a process to identify budget items for 2017 related to curbside recycling, and request each municipality to submit any proposed initiatives being contemplated by their municipality.

CARRIED.

- 8) Topics for next Meeting Review of the Regional Solid Waste Management Plan. Staff will update the power point presentation to include objectives that have been completed.

- 9) Other Abandoned vehicle hulks, topics included:
- steel prices are low
 - vehicle has to be registered or insured before RCMP will deal with it
 - more vehicles are being abandoned
 - need to pressure MoE to deal with this, it is their legislation
 - discuss at fall meeting when MoE is present
 - tipline for reporting (not publicly known)

Director Goodings inquired if the signage at the Cecil Lake store could be removed.

- 10) Next Meeting The following dates were agreed upon:
- | | |
|----------|-----------------------|
| May 13 | 1:30 pm |
| June 7 | 9:00 am to 12:00 noon |
| July 7 | 9:00 am to 12:00 noon |
| August 4 | 9:00 am to 12:00 noon |

- 11) Committee Report MOVED by Director Goodings, SECONDED by Director Hiebert,
That the recommendations from the Solid Waste Committee meeting of April 27, 2016 be recommended to the Regional Board for approval.

CARRIED.

- 12) Adjournment The meeting adjourned at 11:45 am

Director Dan Rose,
Chair – Solid Waste Committee

S. Garrett,
Corporate Services Coordinator



PEACE RIVER REGIONAL DISTRICT
Solid Waste Committee
and
Plan Monitoring Advisory Committee
Joint Meeting Minutes

DATE: Friday, May 13, 2016

PLACE: Regional District Offices, Dawson Creek, BC

PRESENT: **Solid Waste Committee**
Director Dan Rose, Electoral Area 'E' – Meeting Chair
Director Karen Goodings, Electoral Area 'B'
Director Brad Sperling, Electoral Area 'C'
Director Leonard Hiebert, Electoral Area 'D'
Director Lori Ackerman, City of Fort St. John

Plan Monitoring Advisory Committee
Joe Braun, Tervita Corporation
Corey Pomeroy, Oscar's Disposal Ltd.
Kevin Henderson, City of Dawson Creek
Jeremy Garner, City of Fort St. John
Jason Jensen, Village of Pouce Coupe
Doug Beale, District of Tumbler Ridge
Wayne Hiebert, Member at Large - Electoral D
Rob Henry, Member at Large - Electoral Area E

Staff

Chris Cvik, Chief Administrative Officer
Jeff Rahn, General Manager of Environmental Services
Paulo Eichelberger, Manager of Solid Waste
Loryn Day, Solid Waste Coordinator
Suzanne Garrett, Corporate Services Coordinator

1) Call to Order The meeting was called to order at 1:35 pm

2) **Adoption of the Agenda:**

MOVED by Doug Beale, SECONDED by Director Goodings,
That the Solid Waste Committee and Plan Monitoring Advisory Committee
agenda for the May 13, 2016 meeting including new business and additional
items for the agenda, be adopted, as amended:

Notice of New Business

Adoption of the Agenda

Topics for Discussion:

- a) Background with regard to the North Peace Regional Landfill
development project
- b) Appendix – modification to the Regional Solid Waste Management Plan

CARRIED.

3) Background

The Regional District explored different options to replace the existing Fort St. John (now the North Peace Regional) landfill. The review identified remaining at the existing site was the best option. From here a development plan was initiated and a required Design, Operations and Closure Plan drafted.

In order for the Regional District to fund the redevelopment project at the North Peace Regional Landfill, without using budget reserves, the Regional Board must adopt a borrowing authorization bylaw. The Ministry of Community, Sport and Cultural Development (MCSCD), in their role as the approving body, is requiring that the Regional District specify the project in its Regional Solid Waste Management (RSWMP), with a capital cost estimate so that funds can be borrowed for this project. Consequently a minor amendment to the RSWMP must be undertaken.

The Ministry of Environment has provided the following proposed guidelines to perform a minor amendment to the RSWMP.

- The development of an appendix to be attached to the current Regional Solid Waste Management Plan which outlines the immediate-medium term detailed expenditures for upcoming projects;
- The appendix, once put together, should be reviewed by the Plan Monitoring Advisory Committee (PMAC), who would then suggest an appropriate level of broader public consultation;
- Based on advice from PMAC as to the level of consultation they wish to see, the Regional District will begin consultation.

4) Appendix Modification to RSWMP

Based on Section 5.3.3 of the Regional Solid Waste Management Plan, the Regional District conducted its investigation and selected the option of remaining at the Fort St John Landfill (now referred to as the North Peace Regional Landfill) and utilizing its existing capacity.

This necessitated an amendment to the Regional District's Operational Certificate for the landfill. The new Operational Certificate (OC #106160) required the development of a Design, Operations and Closure Plan (DOCP) in keeping with the Landfill Criteria for Municipal Solid Waste (MSW) which guides how the landfill is constructed to accommodate additional volumes of waste. The Regional District received approval of the new DOCP Plan from the BC Ministry of Environment in 2013. The combined OC and DOCP allows the District to operate the landfill until its available capacity has been used.

Part of the DOCP requires the redesign and relocation of the landfill's front entrance to accommodate added landfill capacity and allow for enhanced services to the public, including dual scale entry/exit to cut down traffic delays, continued drop-off options for waste diversion/recycling as well as a compost pad which will be used to compost chipped wood waste. In later years, the compost pad may be further enhanced to include organics processing.

The capital cost estimate to perform the redesign and development phase at the North Peace Regional Landfill is approximately \$5,000,000. This includes the relocation of the front entrance, dual scale installation, transfer station, material storage area, storm water management, and compost pad to process chipped wood waste.

- 5) Discussion points:
- Public needs to feel that the Regional District is listening
 - PMAC represents a broad base of stakeholders with an interest in solid waste management
 - No connection/communication between the Ministry of Environment and the MCSCD
 - Capital expenditures for next couple of years include closure phase for Chetwynd, new pit for Bessborough, construction of 5 transfer stations.
 - Regional District is required to have a 5 year capital plan in place
 - Solid waste is a regional function so all taxpayers pay
 - \$5 million borrowing loan was built into the 2016 budget, as revenue – to reduce the requisition until borrowing is received and payback of the debt commences. It was noted that the Regional District does not tax until borrowing is received.

MOVED by Director Ackerman, SECONDED by Wayne Hiebert,

- a) That the Solid Waste Committee and Plan Monitoring Advisory Committee recommends to the Regional Board that the following public consultation be approved with respect to adding an amendment to the Regional Solid Waste Management Plan:
- o two consecutive advertisements in the Mirror, Alaska Highway News, Tumbler Ridge News, and Northern Horizon newspapers;
 - o Regional District website, RSS Facebook;
 - o Community newsletters, i.e. Hudson's Hope, etc.
 - o Link to share on municipal webpages;
 - o Host one public open house in Fort St. John for the gathering of comments on the proposed amendment; and
- b) That the public consultation plan, as outlined above, be forwarded to the Ministry of Environment for approval prior to implementation.

CARRIED.

It was noted that drawings and financial information will be available at the open house for public viewing.

6) Committee Report

MOVED by Rob Henry, SECONDED by Director Hiebert, that the recommendations from the Solid Waste Committee and Plan Monitoring Advisory Committee Joint Meeting of May 13, 2016 be recommended to the Regional Board for approval.

CARRIED.

The meeting adjourned at 3:00 pm

Dan Rose,
Chair – Solid Waste Committee

S. Garrett,
Corporate Services Coordinator



Peace River Regional District

R-1

To: Solid Waste Committee

Date: May 26, 2016

From: Paulo Eichelberger, Manager of Solid Waste Services

Subject: Results of Meeting with Municipal Staff Regarding Curbside Recycling/Follow-up to Recycling Request for Proposal

RECOMMENDATION:

Option 1

That Solid Waste Committee recommend that the Regional Board direct staff to finalize and issue the Recycling Request for Proposal;

AND

Option 2

That Solid Waste Committee recommend that the Regional Board extend the recycling contract with FSJ Eco-Depot Recycling until February 28, 2017.

BACKGROUND/RATIONALE:

The Regional District's current recycling contract with Eco-Depot will expire on December 31, 2016 and a Request for Proposal (RfP) for a new 5-yr contract is required to be issued at this time. At its regular meeting on March 10, 2016, the Regional Board made the following resolution with respect to recycling in the Region:

RD/16/03/30 MOVED Director Ackerman, SECONDED Director Nichols,
That staff take the opportunity to review opportunities for curbside recycling with the member municipalities, Eco-Depot, and Multi-Materials BC and bring the results forward in 2016 in time to consider options during 2017 Budget discussions.

Further to this resolution, staff met with or telephoned municipal staff to gauge status of existing curbside programs and determine which municipalities may be considering adopting a curbside recycling program which could have potential impacts to the Regional District's budget in 2017. The minutes of those discussions are attached. It has been established that Eco-Depot has the capacity to handle additional municipal recycled material under its existing contract with the Regional District. Discussions with MMBC are ongoing.

Based on the information gathered from the municipalities, there are no specific revisions that are required to be made to the draft Recycling RfP. The current recycling contract and draft RfP already allow for new municipal curbside programs to be incorporated when they come on-stream. A key piece to this that the Regional District receive prior confirmation from the municipality which specifies the effective date of implementation. This will allow the Regional District to incorporate the cost of post-processing the additional material within the Regional

Staff Initials:

PA Eichelberger

Dept. Head:

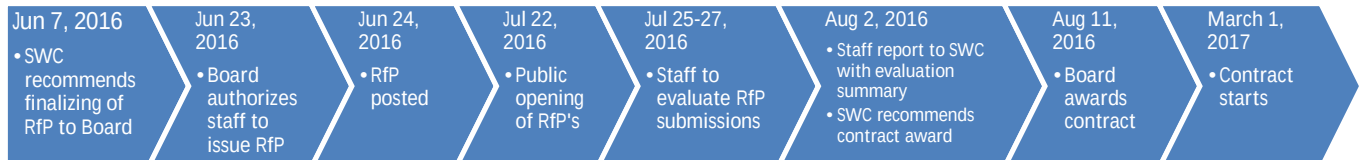
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CAO:

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District budget. Without this, it would be problematic to provide for these additional costs midway through the budget year.

The following is a rough timeline covering the period from issuing of the RfP to contract start-up:



It should be noted that recyclers both inside and outside of the RD have advised a 6-month lead time between contract award and contract start to provide for ordering of equipment and set-up.

OPTIONS:

1. That Solid Waste Committee recommend that the Regional Board direct staff to finalize and issue the Recycling Request for Proposal.
2. That Solid Waste Committee recommend that the Regional Board extend the recycling contract with FSJ Eco-Depot Recycling until February 28, 2017.
3. That the Regional Board provide staff with further specific direction in order to finalize and issue the Recycling Request for Proposal.

STRATEGIC PLAN RELEVANCE: Regional Solid Waste Management operations

FINANCIAL CONSIDERATION(S): Contract start date would be March1, 2017 and will not affect the 2016 Financial Plan.

COMMUNICATIONS CONSIDERATION(S): Recycling RfP will be advertised on www.prrd.bc.ca , www.bcbid.gov.bc.ca and in newspaper advertisements.

OTHER CONSIDERATION(S): The combination of extending the Eco-Depot recycling contract as well as issuing the new contract beginning on March 1, 2017 will ensure continuous recycling services for the Region.



PEACE RIVER REGIONAL DISTRICT

Meeting with Municipal Staff

DATE: Tuesday, May 3, 2016

PLACE: Regional District Offices, Dawson Creek, BC

PRESENT: Victor Shopland, General Manager, Integrated Services, Fort St. John
Jordan Wall, CAO, District of Tumbler Ridge
Charlette McLeod, CAO, District of Taylor
Kevin Henderson, Director of Development Services, Dawson Creek

Staff

Chris Cvik, Chief Administrative Officer
Shannon Anderson, Deputy Chief Administrative Officer
Jeff Rahn, General Manager of Environmental Services
Paulo Eichelberger, Manager of Solid Waste Services
Loryn Day, Solid Waste Coordinator
Suzanne Garrett, Corporate Services Coordinator

- 1) Call to Order: The meeting was called to order at 10:15 am
- 2) Background: At the March 10, 2016 meeting the Regional Board directed staff to take the opportunity to review opportunities for curbside recycling with member municipalities, Eco-Depot and Multi-Materials BC and bring the results forward in 2016 in time to consider options during 2017 budget discussions.

Currently funding for the processing of curbside recyclables paid for by all municipalities and the electoral areas. The City of Fort St. John contracts recycling programs with Eco-Depot; the Village of Pouce Coupe contracts recycling programs with DC Recycling. The Regional District is in the process of issuing a Recycling Services Request for Proposal (RFP). There is a need to work with municipalities in advance to determine timing, budgets (cost of recycling) and other factors.

Discussion Points:

- District of Taylor currently D & T Disposals contracts with individual homeowners to pick up recycling, \$12/month. D & T is encouraging the District to go with automated carts.
- City FSJ alternates pickups - 1 week garbage, 2nd week recycling. There was no change in pickup schedule or costs to residents. Determine costs of carts, size (360 litre for recycling – 240 litre garbage), and maintenance.
- City DC first cart is free, Waste Management provides the cart, homeowner purchases second cart if needed. Carts must stay with the property. Homeowner pays for any damage.
- Mr. Anderson inquired if any municipality was considering yard and garden waste programs?
- City DC has a drop off service which is very popular, material is stockpiled.

Discussion Points (continued)

- Taylor has no means to compost such material
- Mr. Rahn noted that composting of yard and garden waste will be available at the North Peace Regional Landfill, after construction project is complete.
- City FSJ Is that the next step, we deliver our yard/garden waste for your use?
- Mr. Rahn advised that this topic could be discussed at the May 13 meeting with the Plan Monitoring and Solid Waste Committees. Collection of organic material may take place in the future.

Multi-Material BC Program (MMBC)

- Mr. Rahn briefly described the MMBC program.
- Tumbler Ridge Mr. Wall noted that the site is accredited according to MMBC standards, however residents have been requesting that the site be moved back to its original place.
- City FSJ Why didn't the Regional District set up a Regional District contract in the beginning to collect everything region wide?
- Mr. Eichelberger advised that in the Regional District only has jurisdiction in the rural areas. As well MMBC engaged those municipalities that could enter into contracts with them. Other Regional District's ran into the same hurdles.
- City FSJ MMBC is not an option for our city.
- It was noted that Tumbler Ridge will receive more revenue from MMBC program. Agreement between Tumbler Ridge and PRRD will be finalized to enable operation of the recycling facility under MMBC program.
- Tumbler Ridge has a baler, will wait for MMBC to come on board.
- Mr. Rahn noted that material picked up from the curbside must be separated from any of the MMBC materials. If the recycling bins are moved that material cannot form part of the MMBC program.
- Why is it separate?
- Material dropped off at DC Recycling is subsidized by MMBC, while material dropped off at the parking lot recycle bins is subsidized by taxes.

Roundtable discussion points:

- Mr. Rahn noted that implementation of any recycling program will require lead time for public education. Public education initiatives are encouraged to reduce recycling costs, i.e. due to contamination.
- Mr. Cvik inquired if municipalities utilize services from the Northern Environmental Action Team (NEAT)?

Roundtable discussion points: (continued)

FSJ NEAT will be assisting us in undertaking an audit of recycling bins. Continued abuse will result in recycling not being picked up.

Dawson Creek and Pouce Coupe have contracted with NEAT to provide education services.

Taylor Recycling should have been done on a regional basis.

Summary:

City FSJ will be conducting audits of recycling bins
Next step is yard/garden waste – would like to be included in any discussions

City DC Looking at implementing recycling services in 2017. Yard waste, organic programs could be done incrementally.

Taylor current recycling program – user pay

Regional District Recycling Services Request for Proposal should be issued later this month, will include provision to add municipalities into the contract as they come on line with recycling services.

Regional District staff offered to be technical advisors when municipal staff bring forward reports to Councils with respect to the MMBC program.

programs implemented or changed will have an impact on the Regional District, the more notice municipalities can provide, the better.

Staff will contact the municipalities that could not attend to ascertain their future curbside recycling plans.

Suggestions that the Regional District work with MMBC to reconsider how they deliver its recycling program in the Peace Region. Would like to see the Regional District take on a contract with MMBC for collection – consider the region as one large municipality.

Keep pushing for a regional model for processing recycling materials – take to SWC and MMBC.

3) Adjournment The meeting adjourned at 11:50 am



PEACE RIVER REGIONAL DISTRICT

Additional Comments from Municipalities

Further to the meeting with municipal staff, the Regional District reached out via phone to work with those who were unable to attend and gather further info on plans for curbside recycling, organics and/or other programs which could have a potential impact on RD budgeting.

Here is a brief summary of info:

- District of Hudson's Hope CAO, Tom Matus
 - o No current plans for curbside recycling in the town, are satisfied with the drop-off bins near Legacy Market site in town.
 - o No future plans for curbside organics
- Village of Pouce Coupe CAO, Adam Langenmaier
 - o Curbside recycling program is proceeding, continuing to refine process
 - o Not currently discussing additional programs such as curbside organics at Council level
- District of Chetwynd CAO, Doug Fleming and Director of Engineering & Public Works, Paul Gordon
 - o Don't have plans for curbside recycling, focussing on upgrading the recycling centre in town.

diverse. vast. abundant.

PLEASE REPLY TO:

☒ Box 810, 1981 Alaska Ave, Dawson Creek, BC V1G 4H8 Tel: (250) 784-3200 or (800) 670-7773 Fax: (250) 784-3201 Email: prrd.dc@prrd.bc.ca
☐ 9505 100 St, Fort St. John, BC V1J 4N4 Tel: (250) 785-8084 Fax: (250) 785-1125 Email: prrd.fsj@prrd.bc.ca



R-2

PEACE RIVER REGIONAL DISTRICT

Solid Waste Management Plan Review

June 7, 2016



Solid Waste Management Plan (SWMP)



Solid Waste Management Plan History

- First Plan adopted in mid-1990s then amended in March, 2009 after extensive 2-year process of stakeholder and public consultations.
- Public Advisory, Technical Advisory & Plan Review Steering Committees guided the review process.
- Provides an MOE-approved roadmap for service improvements and solid waste operations over a 20-year timeframe.
- Plan is considered to be a “living document” that may be amended to reflect new considerations, technologies, and issues.
- Program alterations require MOE approval, Plan amendment and possible public and stakeholder consultations.
- All major components of Plan will be reviewed for appropriateness before implementation.

Goals and Guiding Principles



- Goals were established with targets for waste reduction based on amount of waste per capita disposed in landfills using 2006 rate as a baseline.
- Guiding principles established for implementing programs outlined in Plan:
 - Standardized services for rural and urban residents;
 - Pilot testing of programs prior to implementation;
 - Focus workable waste reduction and diversion initiatives on specific waste generation sectors;
 - Apply waste management according to the 5Rs
 - Incentive-based tip fees will be utilized to encourage waste reduction;
 - Preference given to programs that encourage extended producer responsibility under provincial stewardship plans;

Plan Implementation Phases



- Plan implementation over 20 years in 4 overlapping phases
- Phase 1 – builds on existing programs and transitions towards more sweeping changes in future phases.
- Phase 2 – involves more significant changes to the waste management system, with a focus on increased recycling.
- Phase 3 – concentrates on long-term waste management options.
- Phase 4 – it is expected that more long-term waste management options will be formulated along with continued improvement of programs established in earlier phases. Undertaking another Plan amendment is likely at that point.

Phase 1 Objectives

Objective #1 Establish Baseline Set of Practices

Track Waste
Generation &
Composition at
Landfills

Conduct Waste
Composition Study

Set Minimum
Operating Standards
for Landfills

Identify Needs for
Waste Management
System

Planned Expansion
of Bessborough
Landfill

Objective #2 Establish Rural & Urban Service Levels

Standardize
Recycling Services
Across the Region

Upgrade & Improve
Transfer Stations to
Full Service Sites

Investigate Options
for Fort St. John
Landfill Replacement

Explore Feasibility of
Waste-to-Energy
Jointly with Industry

Objective #3 Establish New Policy Foundation

Implement
Incentive-Based
Tipping Fees

Implement Disposal
Bans to Encourage
Recycling

Objective #4 Support/Expand Existing Programs

Continue Existing
Waste Reduction
Programs

Promote & Support
Existing Reuse
Opportunities

Develop Reusable
Bag Program
Partnership

Develop Yard Waste
Drop-Off &
Composting Facilities

Objective #5 Focus on Household Hazardous Waste

Lobby Senior
Government for
Increased Product
Stewardship Service

Support Existing
Programs through
Round-up Events

Objective #6 Initiate Greater Outreach to ICI* Sector

Recycling Pilot
Program for
Agricultural Plastics

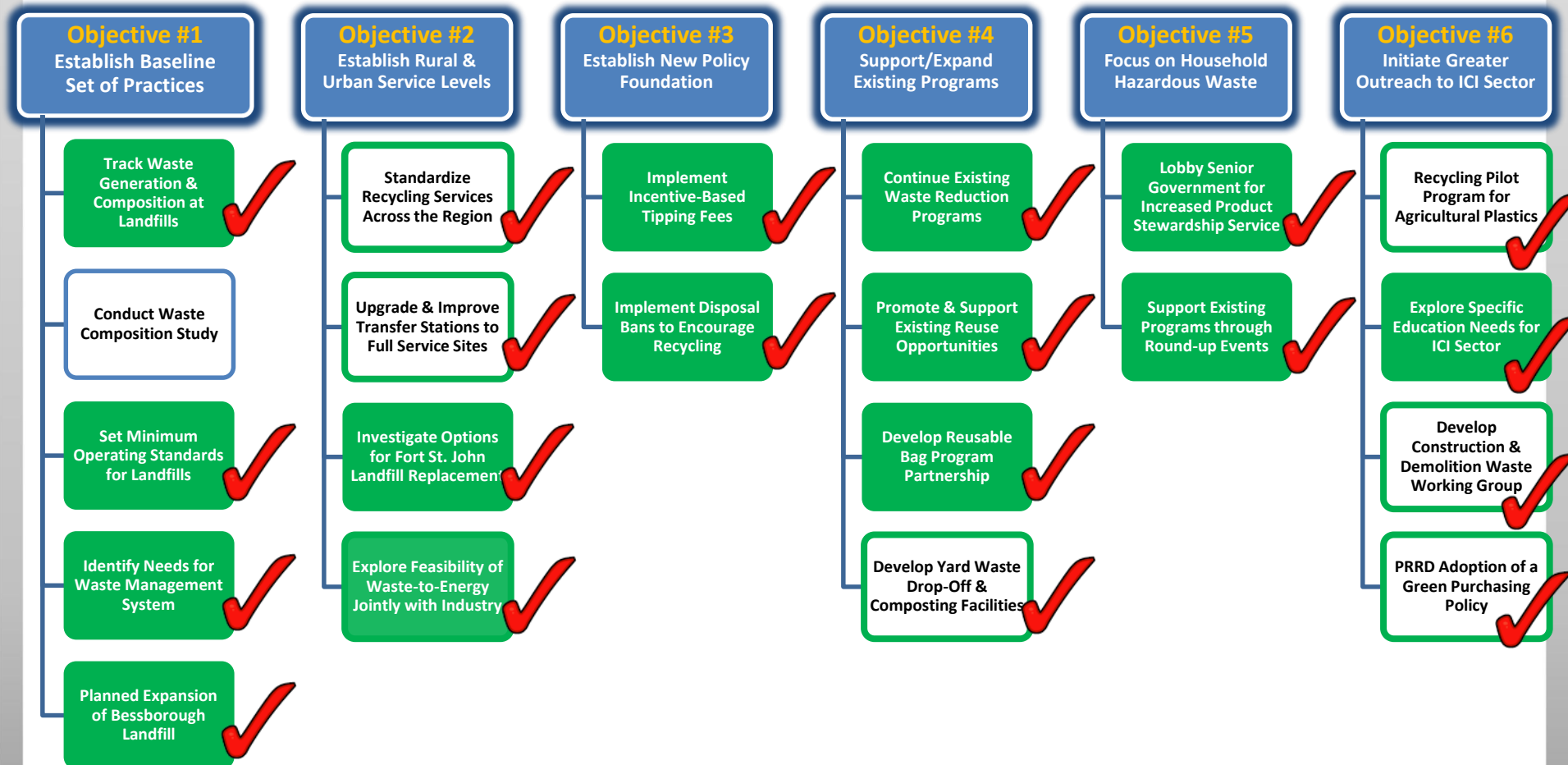
Explore Specific
Education Needs for
ICI* Sector

Develop
Construction &
Demolition Waste
Working Group

PRRD Adoption of a
Green Purchasing
Policy

*Industrial, Commercial & Institutional

Phase 1 Objectives

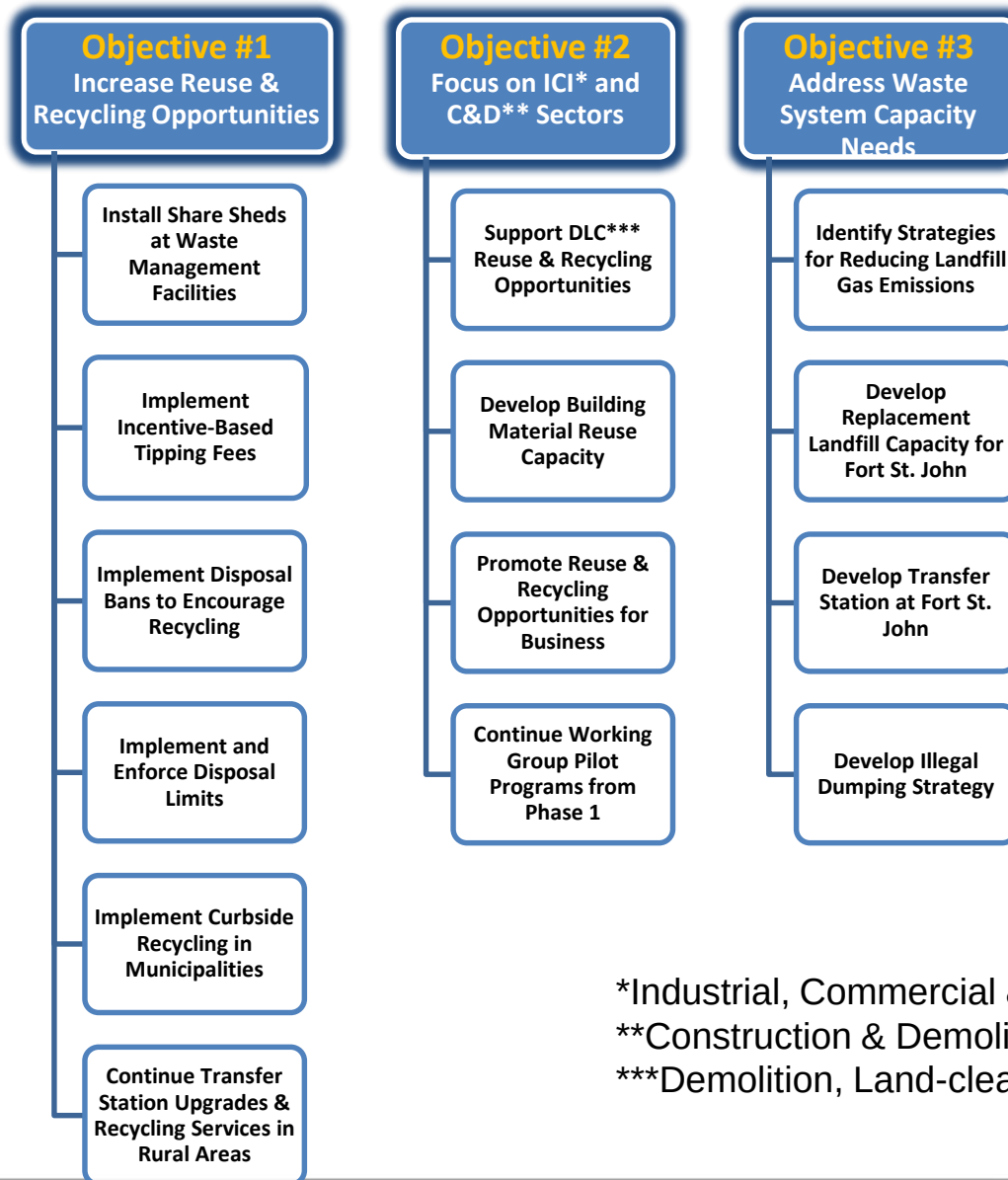


Current and Ongoing Projects – Phase 1



- Issuance of Recycling RFP
- Transfer Station Construction; obtain land tenures in 2016 with construction aimed for 2017
- A compost facility for yard and garden waste was incorporated into the North Peace Regional Landfill Front Entrance Redesign
- Waste Diversion Program Research
 - Agriculture Plastics Program
 - Waste Oil
- Construction and Demolition Waste Research Project – Special Project for NEAT
- Refine Green Purchase Report developed by NEAT into a Green Purchasing Policy
- The aim is to conduct a Waste Composition Audit in 2017.

Phase 2 Objectives

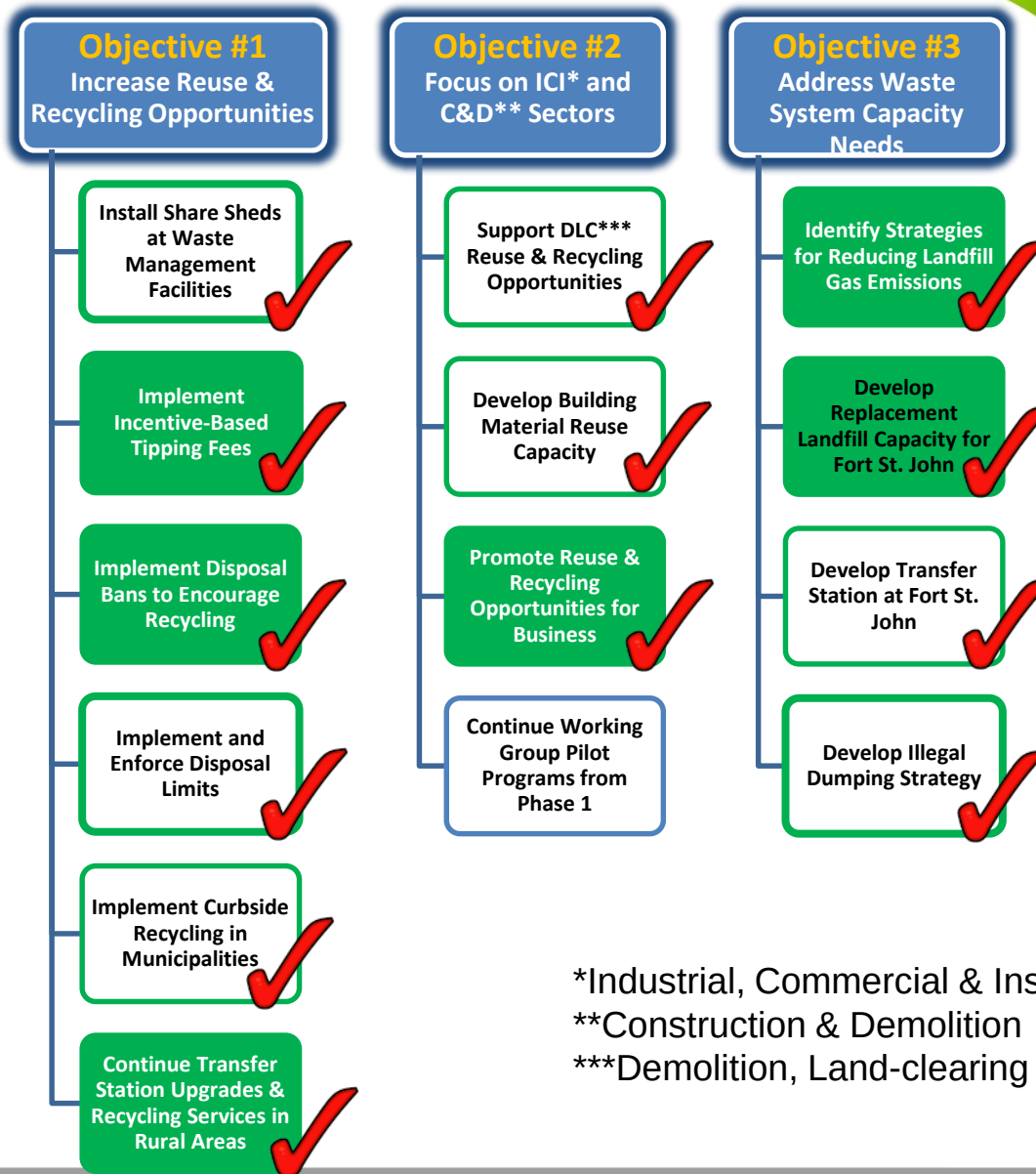


*Industrial, Commercial & Institutional

**Construction & Demolition

***Demolition, Land-clearing and Construction

Phase 2 Objectives



*Industrial, Commercial & Institutional

**Construction & Demolition

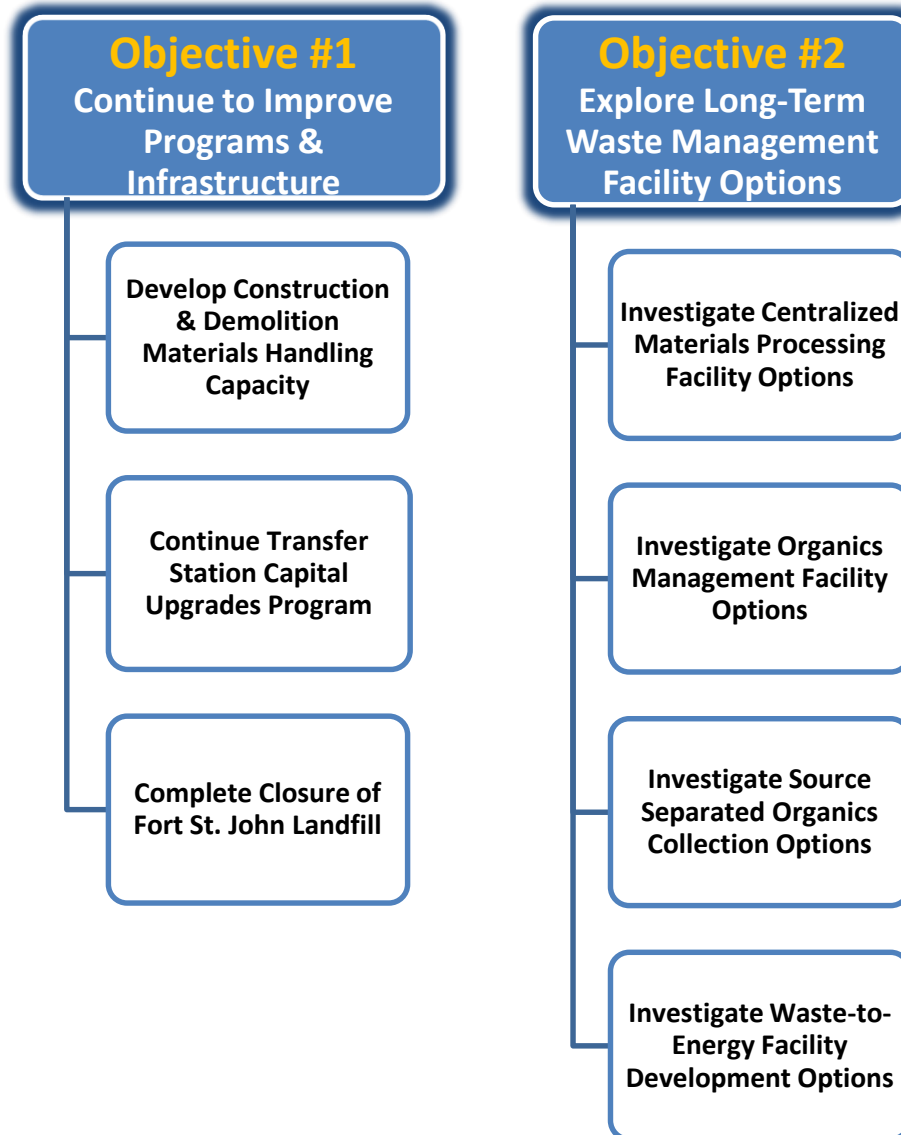
***Demolition, Land-clearing and Construction

Current and Ongoing Projects – Phase 2

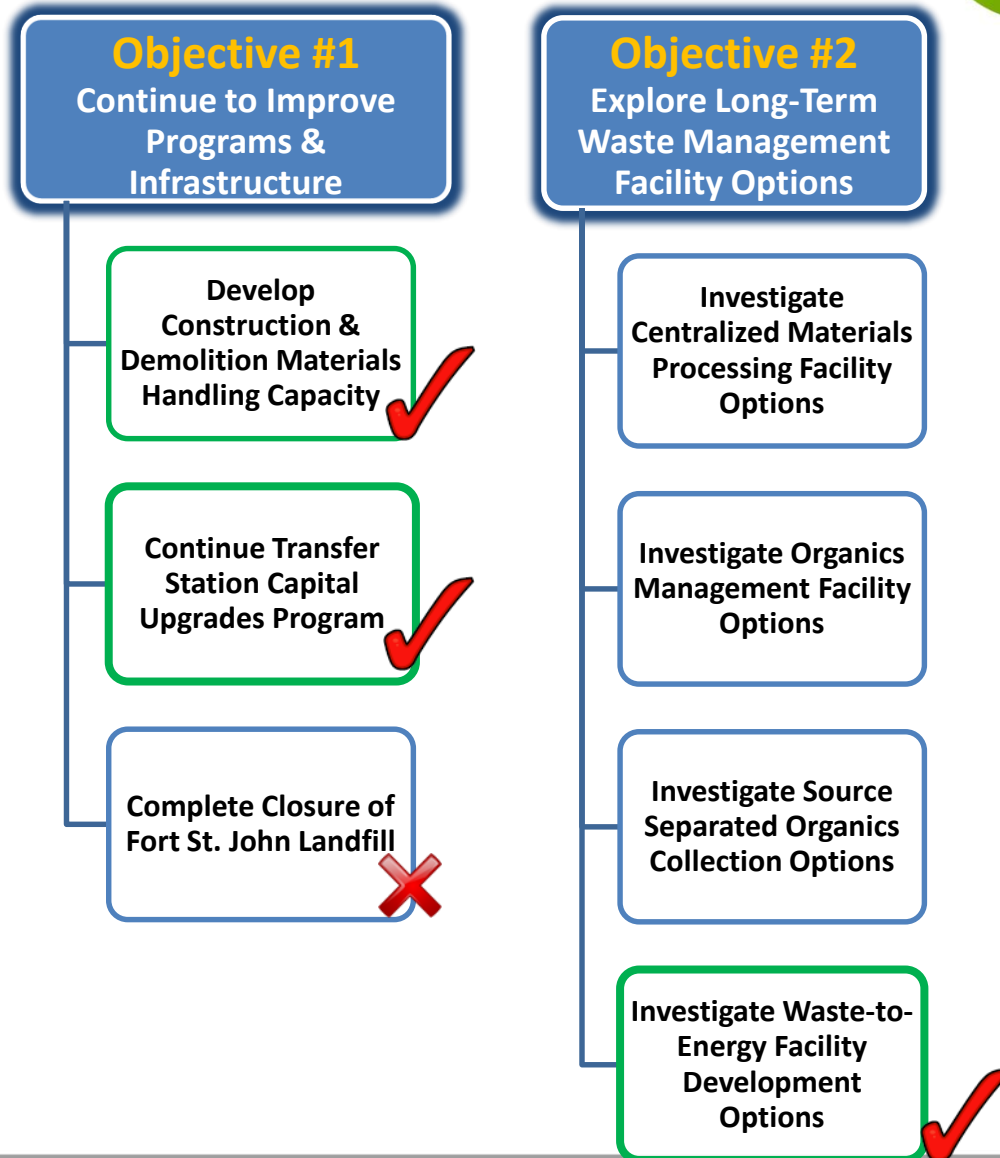


- Pilot a large scale Share Shed at the North Peace Regional Landfill with the Front Entrance Redesign work
 - Continue the development of Share Sheds with Transfer Station Construction
- North Peace Regional Landfill Front Entrance Redesign was needed to develop Landfill Capacity and establish a transfer station for increased waste diversion and public safety
 - Solid Waste Management Plan Update via an Appendix
- Illegal Dumping Strategy Report
- Based on the work completed with the Construction and Demolition Project look at options for reuse and recycling opportunities and developing building material reuse capacity – Anticipated to be completed 2017

Phase 3 Objectives



Phase 3 Objectives



Other Operational Projects



- Chetwynd Phase A Closure
- Landfill Gas Collection Expansion and Gas Utilization at North Peace Regional Landfill
- Compaction and Hauling Study for Hudson Hope and Tumbler Ridge Transfers

SOLID WASTE COMMITTEE DIARY

	Item	Follow-up Action	Status
1.	Invitation to Ministry of Environment May 26, 2016 RD/16/05/23 (26) That the MoE be invited to the fall meeting of the SWC to provide an overview on the implications of undertaking a complete review of the Regional Solid Waste Management Plan. May 26, 2016 RD/16/05/26 (26) That prior to extending an invitation to the MoE to attend its fall meeting the SWC complete a review of the Regional Solid Waste Management Plan Diarized: May 31, 2016		
2.			
3.			
4.			



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.