



Wood Buffalo Recovery Committee

Jubilee Centre Council Chamber
9909 Franklin Avenue, Fort McMurray

Wednesday, May 17, 2017
6:00 p.m.

Agenda

Call To Order

Adoption of Agenda

Minutes of Previous Meetings

1. Minutes of Wood Buffalo Recovery Committee Meeting - April 19, 2017

Reports

2. 2017 Capital Budget Amendment - Waterways Slope Stability
- delegations

Presentations

3. Bonnah Carey and Laura Serrano; Fuse Social re: Results of the 3rd Social Profit Sector Wildfire Impact Survey
4. Dan Stuckless, McMurray Metis and Harvey Sykes re: Rebuild of Metis Historic Site, Recovery of Indigenous People and Reconciliation
5. Guy Choquet, Director of Operations, Canadian Red Cross re: One-Year Update: Alberta Fire Recovery

6. Erin O'Neil, Operations Manager, Recovery Task Force re: Soil Stockpile Management
7. Dennis Warr, Mitigation Supervisor and Stephen Fudge, FireSmart Specialist, Recovery Task Force re: Releaf Canada Update

New and Unfinished Business

8. Impacts of Life Cycle of Municipal Landfill - 2016 Wildfire
- delegations
9. Sub-Committee Reports
10. Wildfire Recovery Team Update

Adjournment

Unapproved Minutes of a Meeting of the Wood Buffalo Recovery Committee held in the Council Chamber at the Municipal Offices in Fort McMurray, Alberta, on Wednesday, April 19, 2017, commencing at 6:00 p.m.

Present: J. Bancarz, Chair
N. Aubrey
M. Farrington
S. Germain, Councillor
M. Giles
K. Jenkins

Absent: K. Fleury
K. McGrath, Councillor
A. Vinni, Councillor

Administration: M. Fortais, Acting Team Lead, Recovery Task Force
A. Rogers, Chief Legislative Officer
S. Soutter, Legislative Officer

Call To Order

Chair J. Bancarz called the meeting to order at 6:02 p.m., and sent regrets on behalf of K. Fleury, Councillor K. McGrath and Councillor A. Vinni.

Adoption of Agenda

Moved by M. Farrington that the agenda be adopted as presented.

CARRIED UNANIMOUSLY

Minutes of Previous Meetings

1. Minutes of Wood Buffalo Recovery Committee Meeting - April 5, 2017

Moved by M. Giles that the minutes of the Wood Buffalo Recovery Committee meeting held on April 5, 2017 be approved as presented.

CARRIED UNANIMOUSLY

Presentations

2. Sarah Murrant, Stakeholder Engagement Manager re: Stakeholder Engagement Update
(6:03 p.m. to 6:16 p.m.)

Sarah Murrant, Stakeholder Engagement Manager, provided an update on the current initiatives and engagement efforts with stakeholders for the Recovery Task Force and the Wood Buffalo Recovery Committee.

Exit and Return

Councillor S. Germain exited the Chamber at 6:16 p.m. and returned at 6:18 p.m.

Assuming of the Chair

Chair J. Bancarz recused herself due to a matter of propriety and exited the Chamber at 6:17 p.m., at which time the Chair was assumed by Vice-Chair, M. Farrington.

3. **Beverley and Manny Makia, Layla Isaac Foundation re: Children's PlayDays: A Citizen-Led Community Resilience Project**
(6:18 p.m. to 6:30 p.m.)

Beverley and Manny Makia, Layla Isaac Foundation, presented on the success of the Children's PlayDays project and the social value of the service provided to the community.

Re-assuming of the Chair

Chair J. Bancarz returned to the Chamber and re-assumed the Chair at 6:31 p.m.

4. **Erin O'Neill, Operations Manager, Recovery Task Force, Don Proudfoot and John Rybak, Thurber Engineering Inc. re: Waterways Slope Stability Technical Briefing**
(6:32 p.m. to 7:13 p.m.)

Erin O'Neill, Operations Manager, Recovery Task Force, Don Proudfoot and John Rybak, Thurber Engineering Inc., presented an update on redevelopment relative to the findings of the Waterways Slope Stability Study, noting that the Thurber representatives would be available to residents following the meeting to respond to specific questions.

Exit and Return

K. Jenkins exited the Chamber at 6:50 p.m. and returned at 6:52 p.m.

Recess

A brief recess occurred between 7:14 p.m. and 7:20 p.m.

5. **Marc Fortais, Chief of Staff, Recovery Task Force re: Funding Request Update**
(7:21 p.m. to 7:34 p.m.)

Marc Fortais, Chief of Staff, Recovery Task Force, presented an update of the funding support from the Government of Alberta and the Cost Sharing Agreement with the Canadian Red Cross.

6. **Mark Power, Project Services Manager, Recovery Task Force re: Financial Stewardship - Q1 2017**
(7:35 p.m. to 8:04 p.m.)

Mark Power, Project Services Manager, Recovery Task Force, presented a financial update for the first quarter of 2017 for the Wood Buffalo Recovery Committee and Recovery Task Force.

Exit and Return

Councillor S. Germain exited the Chamber at 7:58 p.m. and returned at 7:59 p.m.

7. Kelly Hansen, Economic Development Manager, Recovery Task Force re: Recovery Business Needs Assessment Update - Access to Financing
(8:05 p.m. to 8:24 p.m.)

Exit and Return

K. Jenkins exited the Chamber at 8:05 p.m. and returned at 8:07 p.m.

Kelly Hansen, Economic Development Manager, Recovery Task Force, presented an update on the Recovery Business Needs Assessment and access to financing for businesses.

Moved by M. Giles that it be recommended to Council:

- THAT the Recovery Business Needs Assessment Update – Access to Financing be scheduled for presentation at the May 9, 2017 Council meeting, and
- THAT the Recovery Task Force be directed to work with Administration to explore a potential grant agreement with Community Futures Wood Buffalo to support access to financing for businesses in the region and bring forward a recommendation to council regarding such a grant agreement.

CARRIED UNANIMOUSLY

8. Nadia Power, Communities Strategies Coordinator II re: May 2016 Commemoration Community Gathering
(8:25 p.m. to 8:56 p.m.)

Nadia Power, Communities Strategies Coordinator, presented an overview of the community events throughout the region scheduled for May 2016 Commemoration. **Elena Gould, Manager, Indigenous Relations**, also came forward to speak to activities occurring in the region's Indigenous communities.

Exit and Return

M. Farrington exited the Chamber at 8:35 p.m. and returned at 8:41 p.m.

Moved by Councillor S. Germain that the May 3, 2017 meeting of the Wood Buffalo Recovery Committee be cancelled.

CARRIED UNANIMOUSLY

New and Unfinished Business

9. Sub-Committee Reports
(8:57 p.m. to 9:10 p.m.)

M. Giles, Mitigate Sub-Committee spoke to initiatives and priorities of the committee.

Kim Jenkins, Chair of the Rebuild Sub-Committee, provided an update on the rebuild progress to date.

10. Wildfire Recovery Team Update

Marc Fortais, Acting Recovery Team Leader, provided an update on behalf of the Wood Buffalo Recovery Task Force.

Adjournment

As all scheduled business matters had been concluded, Chair J. Bancarz declared the meeting adjourned at 9:11 p.m.

Chair

Chief Legislative Officer



WOOD BUFFALO RECOVERY COMMITTEE REPORT

Meeting Date: May 17, 2017

Subject: 2017 Capital Budget Amendment - Waterways Slope Stability

APPROVALS:

Erin O'Neill, Operations Manager
Dana Woodworth, Team Leader

Recommendations:

THAT it be recommended to Council:

1. THAT the Municipality proceed with acquisition, at pre-fire value, and mitigation of the following properties identified in the Waterways Slope Stability Assessment Report dated March 10, 2017:
 - All 15 properties located within Zone 3A;
 - One privately held lot in Zone 4 (being 7119 Cliff Avenue); and
 - Five selected properties within Zone 3 (being 7308, 7310 and 7312 High Avenue; 7211 and 7213 Cliff Avenue); and
2. THAT the 2017 Capital Budget be amended as outlined in Attachment 3 (Capital Budget Amendment – Waterways Slope Stability Land Acquisition and Regrading, dated May 11, 2017) be approved.

Summary:

The Waterways Area Slope Stability Assessment report determined the relative stability of the slope after the May 2016 wildfire and provided guidelines and constraints to redevelopment within the study area. The report indicates that rebuilding in Zone 3A presents a high risk and thus proposes that these properties be acquired to mitigate slope stability concerns. While Zone 3 includes some existing mitigation measures; five lots within this area remain unprotected from a geotechnical perspective; as such it is recommended that these specific properties also be acquired by the Municipality. The report further indicates that no development should occur in Zone 4 as such the one privately held lot within this zone should also be acquired by the Municipality. Acquisition of the 21 properties is recommended using a pre-disaster valuation as the existing policy for land acquisition, ADM-250, does not contemplate a sudden drop in value due to a disaster.

Background:

On September 27, 2016 Council directed Administration to complete an overall geotechnical assessment for the Waterways area. The Recovery Task Force awarded the work to Thurber Engineering with a scope to determine the relative stability of the slope after the May 2016 Wildfire and assess the potential of a slope failure that would impact public and private properties. In addition, the assessment was intended to provide general guidelines for the

redevelopment of the Waterways area and identify any constraints to redevelopment within the study area.

Between November 2016 and January 2017, Thurber Engineering monitored the slope and submitted the Waterways Area Slope Stability Assessment to the Municipality in February 2017. Based on their analysis, Thurber divided the survey area into 5 zones (Attachment 1) and provided engineering analysis for each zone.

Zones 1, 2 and 2A

Property owners in Zone 1 were advised that rebuilding can proceed immediately, following the Municipality's standard guidelines from a geotechnical perspective.

Property owners in Zone 2 were advised that rebuilding can proceed following the submission of a lot level geotechnical report to determine appropriate setbacks from the edge of the slope.

Zone 2A was identified as not suitable for development; however no development existed in this area prior to the fire.

Zone 3A

Property owners in Zone 3A were informed that there exists a high risk of ground movement that could affect development in this zone and as well as adjacent properties, if adequate stabilization measures are not implemented.

As such, the report proposes three mitigation options for Zone 3A (Attachment 2):

1. Warn and Restrict. Property owners were warned of the associated risks of rebuilding in this area and would be responsible for their own lot-level mitigation.
2. Community-level structural mitigation. The Municipality would perform a geotechnical investigation specific to this area and construct a series of retaining walls to mitigate the risk.
3. Acquire, restrict for development and mitigate. The Municipality would acquire these lots, rezone to restrict from development and recontour the slope to mitigate stability risks.

Zone 3A contains 18 lots (8 that had houses prior to the fire, 6 vacant lots, 3 municipally owned lots, and 1 standing home). The Recovery Task Force discussed the options with all 15 property owners, some of who were delegates at the Wood Buffalo Recovery Committee meeting on March 8, 2017. The Zone 3A residents told the Committee that they preferred the acquisition option due to the risk associated with relying on their own mitigation efforts or the cost associated with structural mitigation for such a small number of lots. Residents also expressed the desire to have their properties acquired as this would reduce slope concerns for their neighbours located in the adjacent zones.

A site specific geotechnical report for Zone 3A will be required if a decision to acquire the lots is made. This would determine the specific mitigation efforts required to protect this area from

slope failure. It is expected that the recommendation would include re-contouring the slope to ensure that water does not pool, installing erosion matting, and seeding the area.

Zone 3

Property owners in Zone 3 were advised of risks to building in this area due to slope movements and that careful planning, construction and maintenance would be required.

Through ongoing public engagement, residents from Zone 3 indicated that they do not believe they are well positioned to make an informed decision about their rebuild until certainty is provided with respect to Zones 3A and 4, and a clear understanding of the interdependency between all the zones is provided.

In order to address these concerns, the Recovery Task Force met with Thurber Engineering and representatives from Engineering, Planning & Development, and Communications & Stakeholder Relations on March 17, 2017. The information from this meeting was subsequently presented by Thurber in a public technical briefing to the Wood Buffalo Recovery Committee on April 19, 2017. The presentation provided a better understanding of the interdependency between zones and answered many questions that were raised in the public engagement process. In summary, an interdependency between zones exists. Activities upslope of a property (such as weighting the slope or removing vegetation) have a direct impact on the property; likewise, activities downslope (such as excavation) increase the risk of slope failure. That being said, the acquisition of properties and mitigation of Zone 3A would reduce the risks to property owners within other zones, such as Zone 3.

Zone 3 consists of 19 lots (all privately owned with no standing homes). Of these, 6 are stabilized by the existing Cliff Avenue retaining wall (shown in green on Figure 1), and 8 other lots abut Zone 2 which decreases their risk due to the Zone 2 soil structure.

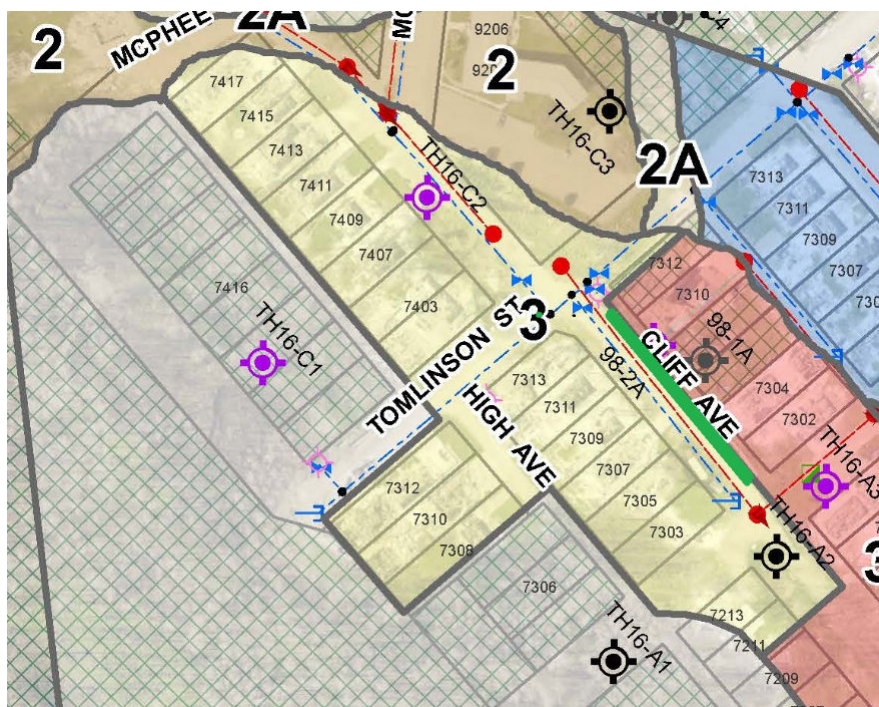


Figure 1: Zone 3

Of the remaining 5 lots within this Zone; 3 properties along High Avenue (7308, 7310 and 7312 High Avenue) and 2 properties along Cliff Avenue (7211 and 7213 Cliff Avenue) are less protected. Thurber Engineering indicated that the acquisition and mitigation of these specific properties will further reduce the overall slope risk. As such it is recommended that lots 7308, 7310 and 7312 of High Avenue, and lots 7211 and 7213 of Cliff Avenue be acquired.

If the decision is made to acquire the properties above, they should be included in the geotechnical report required for Zone 3A to determine the best mitigation solution.

Zone 4

Zone 4 was identified as not suitable for development. While this area has never been developed, there is one privately held lot (7119 Cliff Avenue) which is proposed for acquisition and all other lands are owned by the Municipality. The report indicates that there should be no clearing of trees in this area and re-vegetation of the area should be promoted to improve the floor cover. However, based on FireSmart principles, fallen trees present a fire risk due to the amount of fuel in this area. As such, the geotechnical report, for the mitigation of Zone 3A and the portions proposed to be acquired in Zone 3, will be extended to Zone 4 to determine the best approach to reduce the fuel in the area and protect the slope.

Letter to the Insurance Bureau of Canada (IBC)

Most insurance policies include a 'build in place' requirement. Initial discussions with IBC indicate that the insurers are willing to waive this requirement if the Municipality decides to acquire these properties. On March 23, 2017 the Recovery Task Force sent a letter to the Insurance Bureau of Canada. IBC advised that they are prepared to facilitate discussions with

insurers with respect to all aspects of the re-building process including surveying insurers to determine their respective individual positions with respect to same site policy term waivers in Waterways. Given the recommendation to acquire the 21 properties specified above (15 in Zone 3A, 5 in Zone 3 and 1 in Zone 4), the Recovery Task Force will follow up with IBC to request that the ‘build in place’ requirement be waived for these residents.

Alternatives:

Zone 3A

The two alternatives identified for property owners in Zone 3A are: to warn and restrict development, making residents responsible for their own lot-level mitigation, or provide community-level structural mitigation in the form of an engineered retaining wall. Neither of these options are recommended due to the significant cost a resident would incur to achieve lot level mitigation coupled with the significant cost to the Municipality to construct a retaining wall. Furthermore, the alternatives do not assist in protecting the remaining zones and present a potential risk to the Municipality in the future if slope failure occurs.

Should redevelopment of Zone 3A occur, infrastructure and lane upgrades to Lower Cliff Alley are required. To facilitate two-way traffic along Lower Cliff Alley, potential acquisition of 1 to 2 metres of land from each property owner would be required, thus reducing their building footprint. A study of the Lower Cliff Alley would be required to determine the type of infrastructure upgrades and the amount of land required to facilitate the upgrades to Lower Cliff Alley.

Zone 3

The alternative for Zone 3 is that the 5 property owners proceed with their rebuild subject to their lot level geotechnical reports; however those individuals will likely experience much higher rebuild costs than the adjacent properties in Zone 3, given there is no existing mitigation in place for those 5 lots.

Zone 4

The one privately held lot in Zone 4 has never been developed and while it could remain vacant and privately held, all of the other land surrounding this lot would be owned and controlled by the Municipality thus protecting the area from slope stability concerns.

Budget/Financial Implications:

The Recovery Task Force has contracted a third party independent appraiser to conduct lot specific appraisals for all lots in Zone 3A and Zone 3. The appraisal provides both pre-fire values for the land and current market values for the land, and in the case of the standing home it provides the appraised value of the home and the land.

While the existing Land Acquisition Policy ADM-250 states that land is acquired at market value, the policy does not contemplate a scenario where there is a sudden and immediate change in land value due to a natural disaster. As such, the Recovery Task Force recommends that all property owners be compensated at the pre-fire value of the land or pre-fire value of the home and land in the case of the standing home. The pre-fire acquisition price for the 21 properties is

not expected to exceed \$5 million where the approximate difference between the pre-fire value and the current market value is approximately \$1.5 million.

In the case where residents are willing to sell their property to the Municipality, a normal purchase process would be followed. However, if residents are unwilling to sell the property or disagree with the appraisal value, the Municipality would proceed with expropriation of these properties as directed in ADM-250. Under the *Expropriation Act*, the Municipality is responsible for all costs to the land owner and compensation is determined based on an appraisal and ultimate review by the Land Compensation Board. As such, the true value of the acquisition cannot be determined until the potential expropriation process is complete.

The geotechnical report required to determine mitigation options for Zone 3A, the portion of Zone 3 that is proposed to be acquired and Zone 4 is estimated to be \$25,000. The cost of demolishing the standing home and recontouring the slope to mitigate the area should not exceed \$1.5 million. Thus the total acquisition and mitigation cost is estimated to be \$6,525,000.

Disaster Recovery Program (DRP)

The Recovery Task Force has been in discussions with the Government of Alberta regarding DRP eligibility or compensation under a separate provision of the Emergency Management Act. In its simplest form, rebuilding would not be occurring in this area had the May 2016 Wildfire not occurred. As such, the need to address the slope stability and the potential acquisition of affected properties is a direct cause of the fire. The Recovery Task Force has submitted a formal letter to the Alberta Emergency Management Agency requesting funding of any associated acquisition and mitigation costs.

Rationale for Recommendations:

The Waterways Area Slope Stability Assessment indicates that development within Zone 3A, a portion of Zone 3 and Zone 4 presents a risk from a geotechnical perspective. The cost to individual property owners or a community level structural mitigation is not reasonable nor will it mitigate the risk to the larger Waterways community. As such, the Recovery Task Force recommends that the 21 properties be acquired by the Municipality.

Strategic Plan Linkages:

Pillar 4 – Building an Effective Land Strategy

Campaign Plan Linkages:

Rebuild Pillar – Understand and address the full extent of wildfire damage across the RMWB
Mitigate Pillar – Consider transformative opportunities through land use planning that better positions the RMWB from both public safety and future growth perspectives

Attachments:


1. Waterways Slope Stability Map
2. Summary of the Options
3. Capital Budget Amendment Worksheet


Waterways Report

Proposed Land Acquisitions

Legend

Test Hole (Inclinometer)


 No Movement

 Creep Movement


 Test Hole

Sanitary Sewer

 Active, Sanitary Sewer Pipe


 Abandoned, Sanitary Sewer Pipe

Sanitary Manholes


 Active, Manhole

Storm Sewer

 Active, Catch Basin Lead

 Active, Storm Sewer Pipe

Storm Appurtenance


 CB Manhole


 Catch Basin

 Manhole

 Outfall


Water Mains


 Abandoned


 Active


Zone


 1-Alluvial Flood Plain


 2-Alluvial Terrace


 2A-Slide Slope of Alluvial Terrace

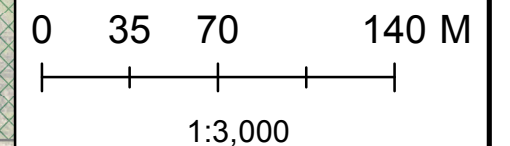
 3-Previously Developed Colluvium Slope

 3A-Previously Developed Colluvium Slope

 4-Colluvium Slope and Uplands

 Proposed for Acquisition

 Municipal Land



THE DATA CONTAINED ON THIS
DRAWING IS NOT TO BE MODIFIED
OR USED FOR RESALE.

THE INFORMATION HERE WITHIN
WAS RECEIVED FROM OUTSIDE
SOURCES & ASSUMED TO BE CORRECT.

INFORMATION CONTAINED ON THIS
DRAWING IS INDICATIVE ONLY - IT
SHOULD NOT BE RELIED UPON AND
SHOULD BE VERIFIED ON SITE.

THE MUNICIPALITY OF WOOD BUFFALO
WILL NOT BE HELD RESPONSIBLE FOR
ANY ERRORS OR OMISSIONS.

Map updated by the Geographic
Information Systems Branch
on 5/11/2017

DRAWING NO
ENG0212

	Impact to Rebuild Timeline	Cost to Municipality	Cost to Resident	Effect on Slope Stability	Insurance Risk
Option 1: Warn and restrict	Subject to individual lot geotechnical study, rebuild can proceed as soon as possible	No immediate cost Risk: Potential future liability if any slope failure occurred	Lot level geotechnical + cost of piled foundation walls	Lot by Lot basis. Does not provide any improvement of the slope stability for other zones	Residents may not be covered for additional costs as coverage is typically based on the date of loss rather than date of rebuild
Option 2: Structural mitigation – series of retaining walls	Potential year delay of rebuild – comprehensive geotechnical study followed by construction of structural mitigation	Comprehensive Pre-design study \$30,000 to \$40,000 Detailed Design \$40,000 to \$100,000 Construction cost \$8 to \$16 million (which will be confirmed by the study) Total: \$8.07 million to \$16.14 million + ongoing operating costs	Additional Living Expenses due to the timing associated with construction of the structural mitigation	Only protects affected lots within Zone 3A. Does not provide any improvement of slope stability for other zones	Formal letter to Insurance Industry requesting waiver on two year rebuild requirement
Option 3: Acquire and mitigate	Rebuild would not occur in this area providing immediate certainty to the resident	Acquisition Cost: not expected to exceed \$5 million Geotechnical Cost: \$25,000 Demolition/Regrading Cost: \$1.5 million Total: not expected to exceed \$6.5 million	Resident may incur cost based on relocating	Regrading and embankment construction likely improves slope stability for Zones 1 and 3	Formal letter to Insurance Industry requesting waiver on build in place requirement



CAPITAL BUDGET AMENDMENT

Council

CURRENT PROJECT NAME: Waterways Slope Stability Land Acquisition and Regrading

AMENDED PROJECT NAME:

Group I/O

Revenue I/O

Expense I/O

New Project

ORDER CODES (if assigned):

CURRENT PROJECT BUDGET

Year	Annual Cost	Fed Grants	Prov Grants	Reserves	Other Sources	Debtenture Financed
2016 & Prior	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2017	-	-	-	-	-	-
2018	-	-	-	-	-	-
2019	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

CURRENT COST AND COMMITMENT

As at	Current Budget	Actual to Date	Commitments	Available
	\$ -	\$ -	\$ -	\$ -

DESCRIPTION/RATIONALE FOR BUDGET AMENDMENT

The Waterways Area Slope Stability Assessment report determined that rebuilding within a portion of Waterways presents a geotechnical risk. To mitigate the risk, community level structural mitigation could be constructed, but would impose costs to individual property owners and would not mitigate the risk to the larger Waterways community. As such, the Recovery Task Force recommends that 21 properties be acquired by the Municipality. Following the acquisition, a site specific geotechnical report will be required to determine mitigation in this area to protect it from future slope failure. Those resulting mitigation efforts are also included as part of this project.

AMENDED PROJECT BUDGET

Year	Annual Cost	Fed Grants	Prov Grants	Reserves	Other Sources	Debtenture Financed
2016 & prior	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2017	6,252,000	-	-	6,525,000	-	-
2018	-	-	-	-	-	-
2019	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
TOTAL	\$ 6,252,000	\$ -	\$ -	\$ 6,525,000	\$ -	\$ -

Budget Change

TOTAL	\$ 6,525,000	\$ -	\$ -	\$ 6,525,000	\$ -	\$ -
-------	--------------	------	------	--------------	------	------

FISCAL RESPONSIBILITY POLICY CRITERIA:

Will the change result in an efficient administrative and project delivery process?

n/a

Will the change result in an addition or cancellation of a capital project?

Yes

Will the underlying scope change alter the nature and type of capital project?

n/a

Where additional funding is required, are the funds from a combination of savings from fully tendered projects, other uncommitted sources such as grants and offsite levies, and cash flow management with other capital projects?

Yes

Will the change result in Council set debt and debt service limits being exceeded?

No



Wood Buffalo Recovery Committee Request for Presentation

Completed requests to make a public presentation must be received by 12:00 noon on the Monday immediately prior to the scheduled meeting. **Presentations are a maximum of 5 minutes in duration.**

Presentation Information	
Preferred Date of Presentation	17 th , May, 2017
Name of Presenter(s)	Bonnah Carey and Dr. Laura Serrano
Organization Represented	FuseSocial
Topic	Results of the 3 rd Social Profit Sector Wildfire Impact Survey
Please List Specific Points/Concerns	Sharing the information about the current capacity of the social profit agencies to provide services in Wood Buffalo.
Action Being Requested of Committee	Identify the best ways to support the social profit sector in their current challenges.
Are you providing any supporting documentation (ie: Powerpoint)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
If yes, the documentation <u>must</u> accompany this request, as handouts will not be distributed at the meeting. To ensure that your documents meet minimum standards, please see presentation guidelines on the next page.	
Supporting documents may be e-mailed to Legislative.Assistants@rmwb.ca .	

As per Procedure Bylaw No. 14/025, a request to make a presentation may be referred or denied.



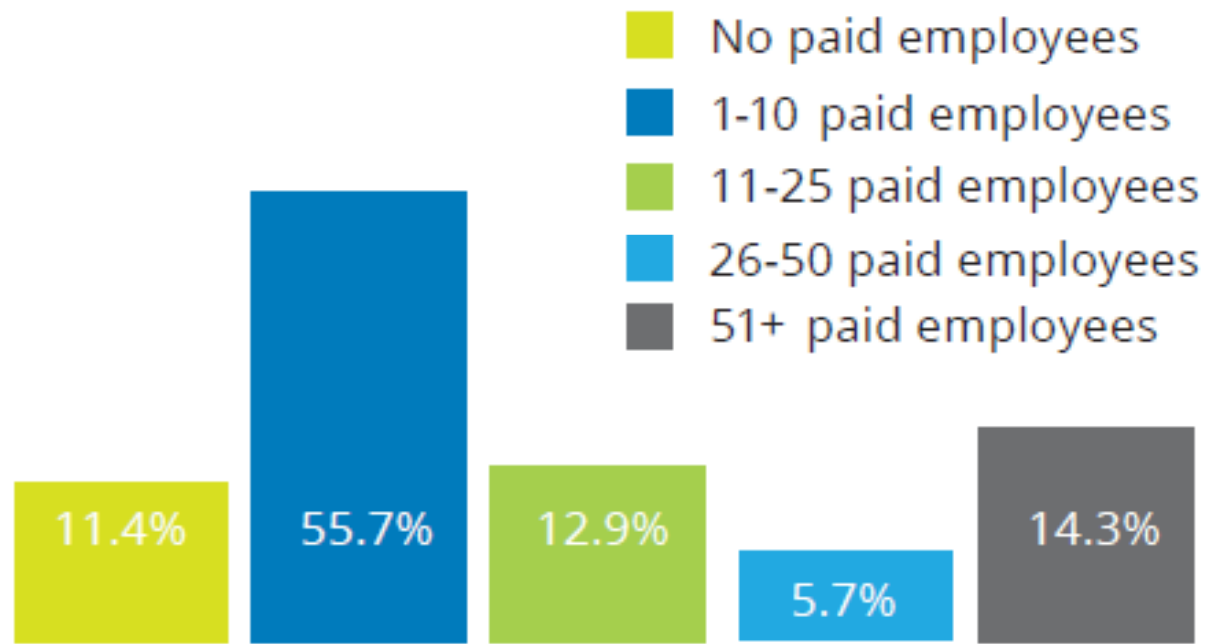
III Social Profit Sector Wildfire Impact Survey Results

Wednesday, 17th, May, 2017

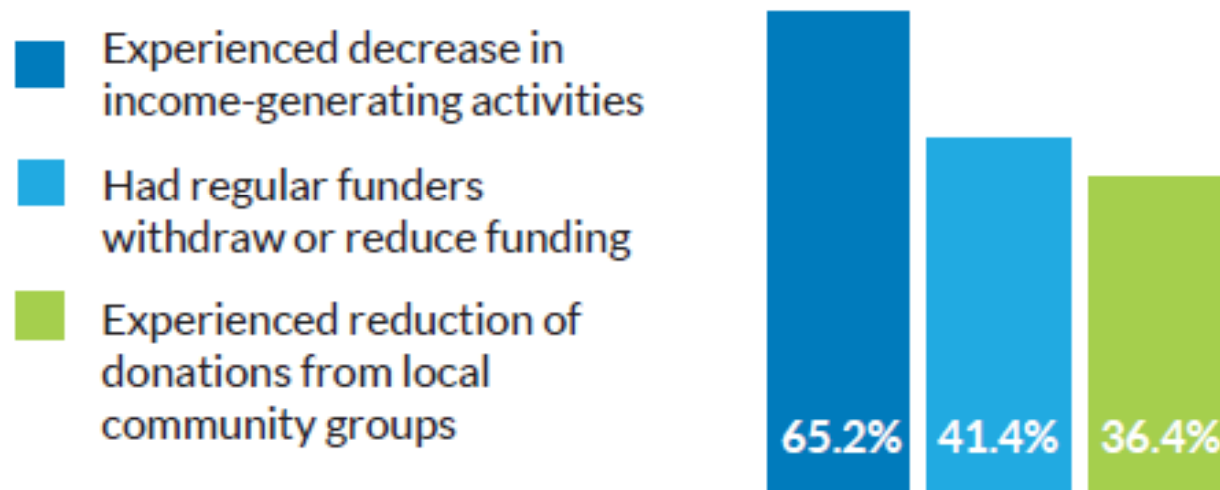
Funded by:



Demographics



Financial Impact



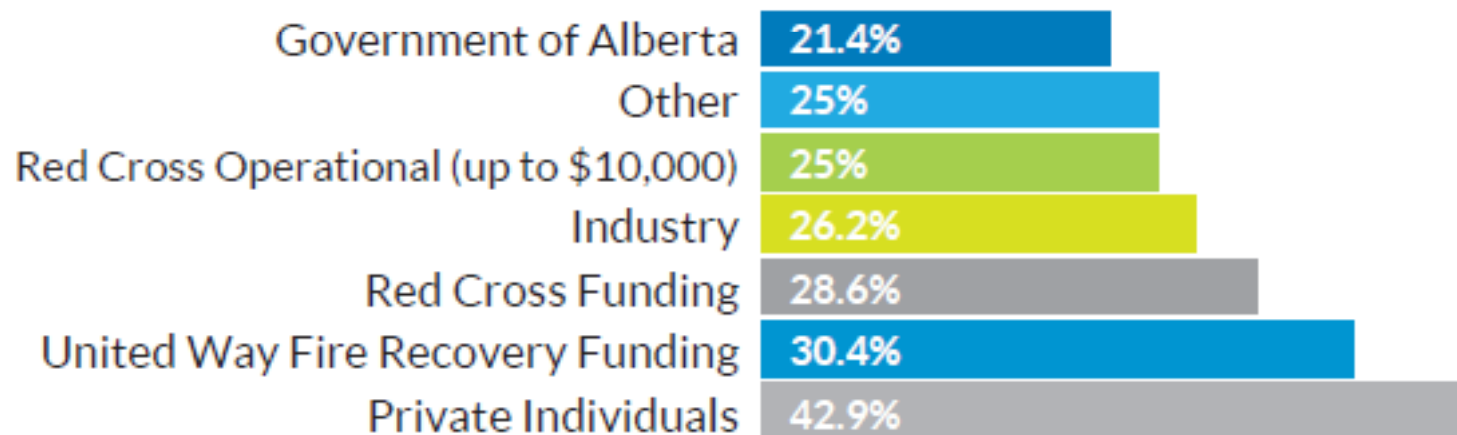
Unrestricted funding is still a challenge in the sector.

*As of February 1, 2017

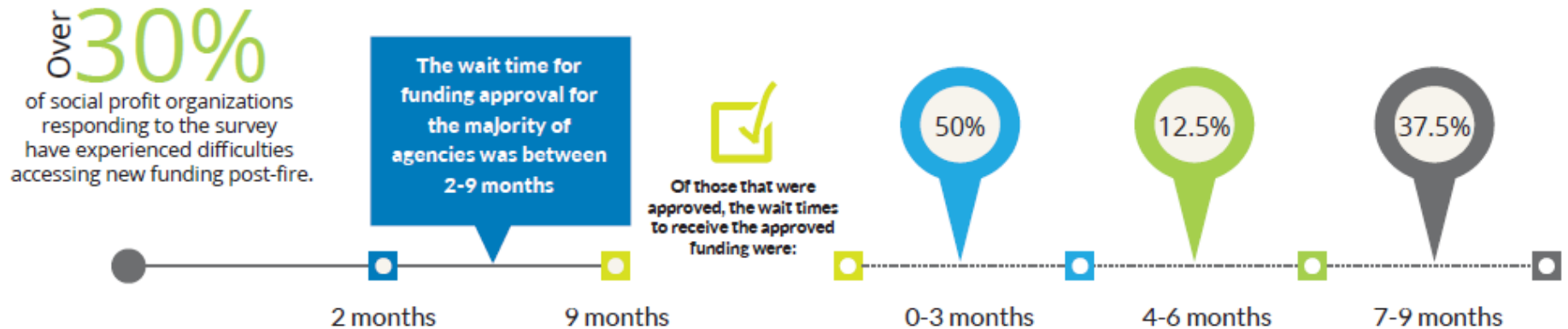
Sources of New Funding

21.2% have received no additional financial support

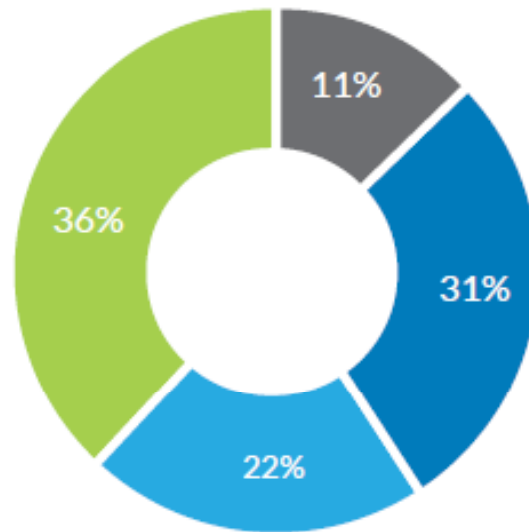
Sources of Additional Funding:



Wait Times for Funding



Barriers to Funding



- do not have staff capacity to complete the application
- not meeting eligibility needs of funders
- unable to source funding to meet unique needs
- previous donor base unable to support them any longer

Human Resource Impact

54.3%

of responding agencies indicated they had employment vacancies. In total the respondents indicated they had 169.5 full time vacancy equivalents. 38 of these vacancies were reported by school boards.

Vacancies in the sector caused by:



26% by staff not returning after the wildfire



12% lost staff due to health issues

Recruitment

46.9% of organizations
have experienced
difficulty recruiting
new staff members.



KEY CHALLENGES IDENTIFIED*:

- Lack of qualified applicants
- Unappealing salary compensation

**Reported by over 60% of respondents*



Retention

33.3% of responding agencies had challenges retaining their staff.



KEY CHALLENGES IDENTIFIED*:

- Insufficient wages or compensation
- Compassion Fatigue
- Spousal relocation

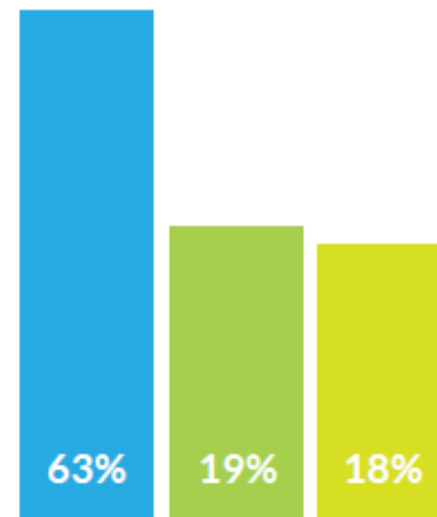
**Reported by over 40% of respondents*

Challenges to the Current Workforce

37% of responding agencies have staff working below full capacity.

Ability to work:

- Staff working at full capacity
- Staff unable to work
- Staff on modified duties



Service Demand

58% of respondents cannot meet the demand of community needs as they would like to due to funding and staff issues.

10 are considering mergers to increase service delivery capacity.

24 are partnering to increase service delivery.

Future Needs

MEETING THE NEED

The three largest needs identified by the respondents in the next 3 months are:

Financial
Resources
(29.8%)



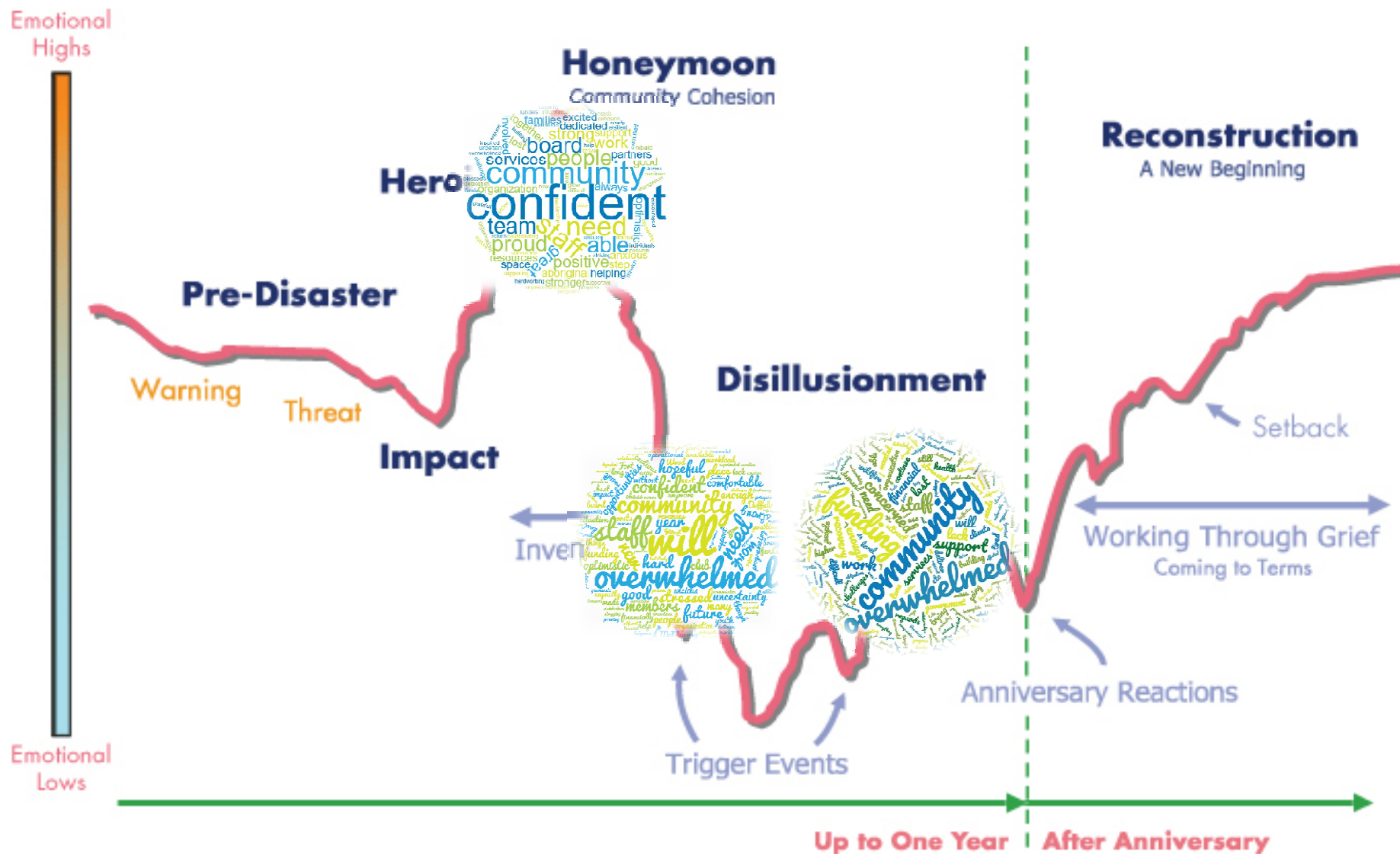
Volunteer
Resources
(25%)



Human
Resources
(23.3%)







Thank You!

Bonnah Carey
Chief Social Entrepreneur
FuseSocial
bonnah.carey@fusesocial.ca





REGIONAL MUNICIPALITY
OF **WOOD BUFFALO**

Wood Buffalo Recovery Committee Request for Presentation

Completed requests to make a public presentation must be received by 12:00 noon on the Monday immediately prior to the scheduled meeting. **Presentations are a maximum of 5 minutes in duration.**

Presentation Information	
Preferred Date of Presentation	May 17 2017
Name of Presenter(s)	Dan Stuckless, Harvey Sykes
Organization Represented	McMurray Metis, Harvey Sykes
Topic	Rebuild of Metis Historic Site, Recovery of Indigenous People, Reconciliation
Please List Specific Points/Concerns	Current list of options available for rebuilding of Metis Cultural Site preventing fire recovery and may require special resolution by council.
Action Being Requested of Committee	Refer request to council
<p>Are you providing any supporting documentation (ie: Powerpoint)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If yes, the documentation <u>must</u> accompany this request, as handouts will not be distributed at the meeting. To ensure that your documents meet minimum standards, please see presentation guidelines on the next page.</p> <p>Supporting documents may be e-mailed to Legislative.Assistants@rmwb.ca.</p>	

As per Procedure Bylaw No. 14/025, a request to make a presentation may be referred or denied.



REGIONAL MUNICIPALITY
OF **WOOD BUFFALO**

Wood Buffalo Recovery Committee Request for Presentation

Completed requests to make a public presentation must be received by 12:00 noon on the Monday immediately prior to the scheduled meeting. **Presentations are a maximum of 5 minutes in duration.**

Presentation Information	
Preferred Date of Presentation	May 17, 2017
Name of Presenter(s)	Guy Choquet, Director Alberta Fires Recovery Operation
Organization Represented	Canadian Red Cross
Topic	One Year Update – Alberta Fire Recovery
Please List Specific Points/Concerns	
Action Being Requested of Committee	For information and open for questions
<p>Are you providing any supporting documentation (ie: Powerpoint)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If yes, the documentation <u>must</u> accompany this request, as handouts will not be distributed at the meeting. To ensure that your documents meet minimum standards, please see presentation guidelines on the next page.</p> <p>Supporting documents may be e-mailed to Legislative.Assistants@rmwb.ca.</p>	

As per Procedure Bylaw No. 14/025, a request to make a presentation may be referred or denied.



ONE-YEAR UPDATE: ALBERTA FIRE RECOVERY

Guy Choquet, Director of Operations
May 17, 2017



ALBERTA FIRES 2016 – One Year Update



TOTAL FUNDS DONATED TO DATE

\$ 189 Million

MATCHING FUNDS

\$ 104 Million thanks to the Government of Canada

\$ 30 Million thanks to the Government of Alberta

GRAND TOTAL TO DATE

\$ 323 Million



SPENT TO DATE

To date, **\$244 Million** has already been spent to assist those impacted by the fires.



YOUR DONATION AT WORK

Thanks to the generosity of Canadians, the Red Cross is helping individuals and families, community groups and eligible small businesses as they recover from this disaster.

75% OF ALL FUNDS RECEIVED HAVE ALREADY BEEN USED.

**GRAND TOTAL TO DATE:
\$323 Million**

**SPENT AND COMMITTED:
\$244 Million**

**REMAINING
FUNDS:
\$79 Million**

Please note the numbers included above are reflected as of April 13, 2017. Full financial details including the breakdown of funds can be found in the one year donor report. To view and learn more, visit redcross.ca.

FACTS AT A GLANCE AS OF ONE YEAR

- **More than 19,000** client assessments completed
- **More than 126,000** electronic fund transfers provided for direct financial assistance to help residents meet their needs
- **More than 147,000** calls received through call centres
- **10,900** plane and bus tickets booked to help people return home
- **More than 11,900** families received housing support, including assistance for rent, mortgage, and utilities, as well as other household goods



ONGOING SUPPORT TO INDIVIDUALS AND FAMILIES

Focus on assisting people who:

- Are uninsured or underinsured
- Have damaged or destroyed properties
- Personalized recovery planning
- Referrals to other agencies
- Community outreach



SUPPORT TO COMMUNITY ORGANIZATIONS

As of May 3, 2017

- Community Partnerships

Funding support for **54 organizations supporting local recovery initiatives**

- Support to Social Profits

Financial assistance to **50 eligible organizations**



COMMUNITY PARTNERSHIPS PROGRAM

54 Partnership Projects



SUPPORT TO SMALL BUSINESS

3,296 eligible small business received financial assistance

- Phase 1: Evacuation Assistance \$1,000
- Phase 2: Eligible businesses received assistance to support expenses up to \$8,000
- Phase 3: Eligible businesses received assistance to support expenses up to \$11,000

Continue to collaborate with RMWB EcDev on intermediate and long-term business recovery supports



SAFETY AND WELLBEING

- Providing recovery assistance in a safe and supportive environment for individual and family wellbeing
- Making referrals and links to mental health supports within the community
- Funding community-led projects that support mental health and wellbeing in recovery
- Engaged in the development of the Region's Community-Based Psychosocial Framework



CONTACT US

Residents can schedule confidential, one-on-one appointments by calling:

1-888-553-5505

Our office is located at:

10019B Franklin Avenue



To read our entire
one-year report,
visit:

redcross.ca



ONE YEAR DONOR UPDATE

2016 Alberta Fires





QUESTIONS?



WOOD BUFFALO RECOVERY COMMITTEE REPORT

Meeting Date: May 17, 2017

Subject: Impacts to Life Cycle of Municipal Landfill – 2016 Wildfire

APPROVALS:

Director
Interim Chief Administrative Officer

Administrative Recommendation:

THAT the report titled *Impacts to Life Cycle of Municipal Landfill – 2016 Wildfire* be received as information.

Summary:

The Regional Landfill receives waste materials from various sources within the Region. Some waste is diverted and the remainder is placed in the engineered cells. For the past few years, the diversion rate has been averaging around 50% due to the Material Recycling Facility (MRF). The landfilled material is placed in Cells 1 to 3 and the lateral expansion adjacent to those cells. Please see Attachment 1 for reference.

An expansion to the current landfill capacity has been realized through the planning, design and construction of Cell 4 (about 800,000 m³), currently under construction and anticipated to be available for use by 2018. The planning to construction completion typically takes about three years.

The planned disposal of debris and materials from the wildfire affected areas would result in consuming about an estimated two years' worth of capacity in the engineered Cells (1, 2, 3 and lateral expansion), based on past years' experience. Putting Cell 4 in operation would provide an additional estimated three to four years' worth of landfill capacity with the current diversion rate.

Background:

On April 11, 2017, Council approved the waiver of tipping fees of \$75 per tonne for "acceptable contaminated soil" from the wildfire affected areas at the Regional Landfill. Administration plans to reduce the impact on landfill capacity by diverting the bulk of the estimated 250,000 m³ of this soil. This will be accomplished by repurposing the soil for use in construction projects or other acceptable uses. It is optimistically expected at this time that only about 15-20% of the "acceptable contaminated soil" would actually be placed in the landfill cells as waste.

Prior to Council approval, the matter was discussed at the Wood Buffalo Recovery Committee on April 5, 2017, and the following resolution was passed:

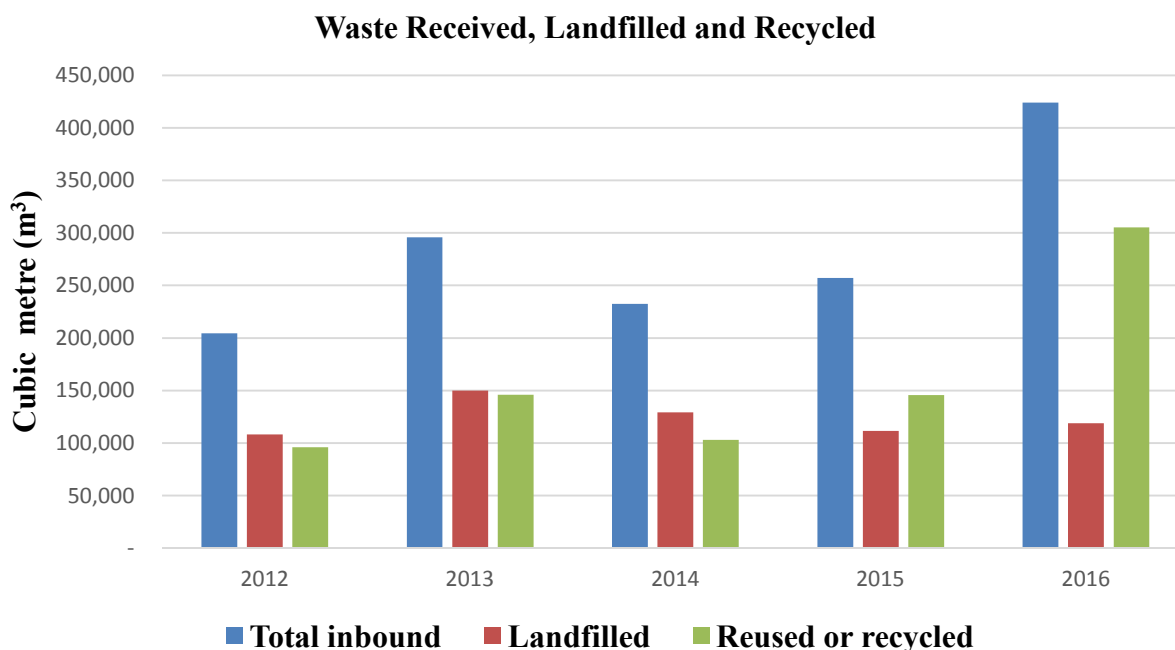
"THAT Administration bring a report to the Wood Buffalo Recovery Committee which identifies:

- the shrinkage and life cycle impacts to the current cells as a result of the disposal of debris and materials resulting from the 2016 Wildfire and related events; and
- the cost implication to the Municipality as a result of the expedited need to bring another cell on-stream; and the report be presented no later than May 31, 2017.”

Impacts on the Landfill Capacity:

The Regional Landfill currently has four engineered Cells (1, 2 and 3 and the lateral expansion) for receiving materials from the local communities. As part of our best management practices in recycling, some of this material is diverted to the MRF while the remainder is placed into the engineered cells. At present, our average diversion rate is about 50%.

While the total inbound materials increased in 2016 (possibly due to the fire related activities), a higher proportion of the waste was able to be diverted. The amount of material deposited can therefore be viewed as a near normal amount, with no discernible impact on the lifespan of the cell than would otherwise have occurred.



Note: Waste received at the landfill is measured in tonnes. A specific gravity of 1.5 is typically used for converting municipal waste tonnage to cubic metres.

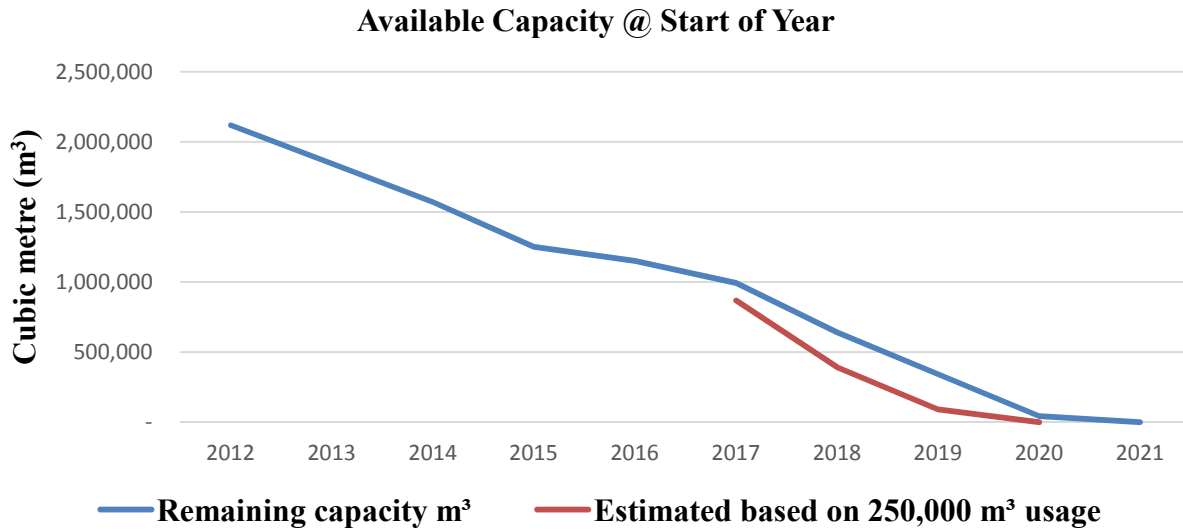
Administration forecasts that 2017-2018 will see an influx of material into the active cells due to the increased levels of construction. In any given year, the expected average annual inbound material is 250,000 m³ (average of years 2012-2015) in addition to another 50,000 m³ of regular construction related material, giving a total of 300,000 m³. Additional construction waste expected due to rebuild is estimated to be 50,000 m³ in the years 2017-2018. Therefore, to reflect the intensity and scale of rebuilding, the total inbound material is expected to be in the range of 350,000 m³ for the years 2017-2018.

Landfills are mandated under the current provincial and federal regulations to calculate capacity changes. This is done through aerial surveys (LiDAR) that established the remaining available capacity at the landfill to be about 957,500 m³ in 2017. Due to the number of variables involved, the lifespan of a cell cannot be fixed to a given date; rather, it is calculated on a sliding scale based on the time required to construct its replacement.

Assuming the worst case scenario, accepting the regular average inbound material and including the total estimated “acceptable contaminated soil” volume of 250,000 m³ (spread over the two construction seasons of 2017-2018 and 2018-2019) would result in an early closure of the current cells by one to two years, estimated to occur in the years 2019-2020, as shown in the table below. This does not account for the availability of Cell 4 by 2018 which will give an additional capacity of 800,000 m³.

Year	Average Annual Inbound Material	Wildfire Soil	Remaining Capacity @ Start of Year	
			Without Soil	With Soil
	(m ³)	(m ³)	(m ³)	(m ³)
2012			2,117,900	2,117,900
2013			1,844,100	1,844,100
2014			1,570,300	1,570,300
2015			1,250,500	1,250,500
2016			1,150,000	1,150,000
2017	350,000	125,000	992,375	867,375
2018	350,000	125,000	642,375	392,375
2019	300,000		342,375	92,375
2020	300,000		42,375	-

Note: The wildfire related soil volumes (worst case of 250,000 m³) have been accounted for by allocating 125,000 m³ each year at the end of 2017-2018.



Cell 4 is to be put into use in 2018 and would be suitable for another three to four years, thereby necessitating that work on the planning and design of Cell 5 be started by no later than 2019 as it takes about three years to plan and construct a new cell.

Financial Impacts on RMWB:

The soil and other material from the wildfire affected areas are currently diverted to the existing engineered cells at the landfill. The cost of this loss of capacity can be equated to the unit construction cost of landfill capacity, as every cubic metre of landfill capacity that is filled by wildfire debris is capacity that is now unavailable for normal municipal use.

Cell 4 is currently under construction and has a design volume of approximately 800,000 m³ and a capital budget of about \$7,200,000, which equates to a unit construction cost of \$9.00/m³. The unit construction cost can therefore be determined as:

$$\begin{aligned}
 \text{Unit Construction Cost } (\$/\text{m}^3) &= \frac{\text{Capital Budget } (\$)}{\text{Design Volume } (\text{m}^3)} \\
 &= \frac{\$7,200,000}{800,000 \text{ m}^3} \\
 &= \$9.00/\text{m}^3
 \end{aligned}$$

This unit construction cost does not include engineering, contingency or administration charges. It is also to be noted that operating charges (labour, equipment and overhead) for managing the soil received at landfill are not considered in the financial impacts. In addition to the loss of capacity estimated, there will be impacts to the financial statements for advancing funds to support the earlier closure and post closure treatments of current landfills. This is not considered at this time.

As of the end of April about 11,000 m³ of soil alone has been disposed of at the landfill since the Council resolution on April 11, 2017. At the current rate, it is hard to firmly determine how much of the total fire related material would end up at the landfill. Administration estimates that about 37,500 to 50,000 m³ (15%-20% of 250,000m³) of wildfire soil would be landfilled.

At the proposed rate of \$9.00/m³, this amounts to an estimated range of \$337,500 to \$450,000. Administration will be actively pursuing DRP funding for the actual tracked amount of soil and other fire related material received, at the proposed rate of \$9.00 per m³ due to the resulting loss in capacity at the landfill, as it is the direct result of the wildfire.

As mentioned earlier, secondary to the acceptance of the soil and other material are the impacts to labour (operation and maintenance) and equipment utilization from the additional material handling. This in turn means that work previously agreed to be done by landfill staff to save capital money is now being done through contracted services; in particular, previously it was envisioned that the perimeter road around Cell 4 would be constructed in-house. However, due to the post-fire workload it was necessary to add this work to the Cell 4 construction contract. This is estimated to have added approximately \$128,000 to the cost of Cell 4. Administration will be actively pursuing DRP funding for another \$128,000 under this additional expenditure.

Strategic Plan Linkages:

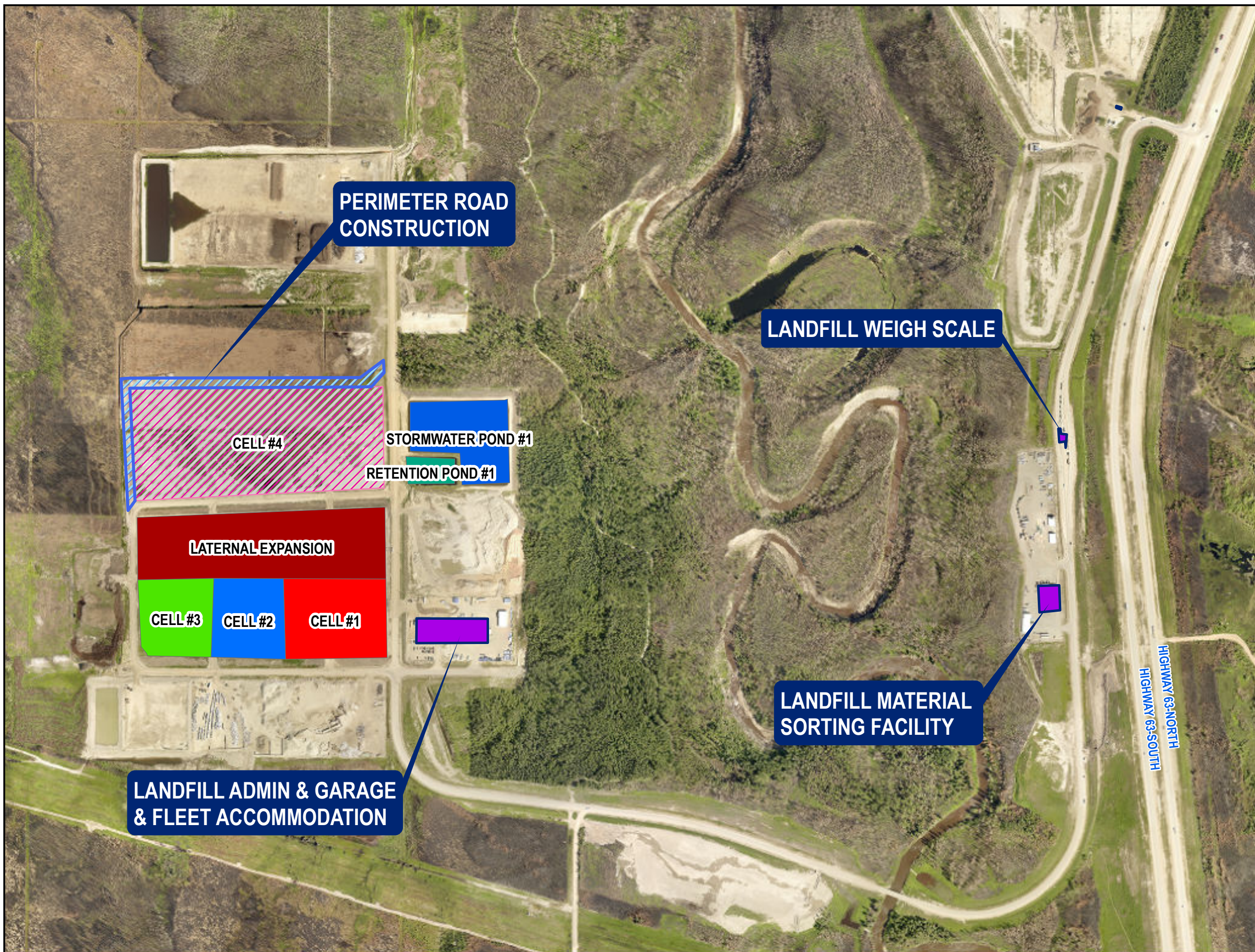
Pillar 1 – Building Responsible Government
Pillar 2 – Building Balanced Regional Services
Pillar 4 – Building an Effective Land Strategy
Pillar 6 – Building a Sustainable Region

Attachment:

1. Landfill Overall Map



ATTACHMENT #1



0 90 180 360 M
1:7,000

THE DATA CONTAINED ON THIS DRAWING IS NOT TO BE MODIFIED OR USED FOR RESALE.

THE INFORMATION HERE WITHIN WAS RECEIVED FROM OUTSIDE SOURCES & ASSUMED TO BE CORRECT.

INFORMATION CONTAINED ON THIS DRAWING IS INDICATIVE ONLY - IT SHOULD NOT BE RELIED UPON AND SHOULD BE VERIFIED ON SITE.

THE MUNICIPALITY OF WOOD BUFFALO WILL NOT BE HELD RESPONSIBLE FOR ANY ERRORS OR OMISSIONS.

Map prepared on:

Date: 5/3/2017

DRAWING NO