



Water and Waste Department • Service des eaux et des déchets

**Brady Road Resource Management Facility (BRRMF)
Community Liaison Committee**

Meeting #16

Date: Wednesday, June 9, 2021 1:00 – 2:30 PM

Location: Zoom video conference (online)

Attending:

<i>MC – Mike Carruthers</i>	<i>Ladco Company Ltd.</i>
<i>NS – Nada Suresh</i>	<i>Manitoba Conservation and Climate</i>
<i>WD – William Dowie</i>	<i>Green Action Centre</i>
<i>KK – Kale Kostick</i>	<i>University of Manitoba</i>
<i>DB – Darlene Boettcher</i>	<i>Citizen – Winnipeg (Charleswood)</i>
<i>DO – Dave Olinyk</i>	<i>Citizen – Winnipeg (Richmond West)</i>
<i>JF – Jacquie Field</i>	<i>Citizen – Winnipeg (Fort Richmond)</i>
<i>MN – Myrrhanda Novak</i>	<i>Citizen – Winnipeg (South Pointe)</i>
<i>JG – Jason Greenall</i>	<i>Citizen – RM of Ritchot</i>
<i>CB – Cole Braden</i>	<i>Citizen – RM of Macdonald</i>
<i>SP – Shane Pelletier</i>	<i>Councillor – RM of Ritchot</i>
<i>CK – Chris Kozak</i>	<i>City of Winnipeg – Solid Waste (Presenter)</i>
<i>ES – Etoile Stewart</i>	<i>Blueprint, Facilitator</i>
<i>TS – Tiffany Skomro</i>	<i>Blueprint</i>

Regrets:

<i>KH – Kristal Harman</i>	<i>Manitoba Conservation and Climate</i>
<i>YH – Yvonne Hawryliuk</i>	<i>Manitoba Conservation and Climate</i>
<i>JB – Janine Boulanger</i>	<i>Councillor – RM of Ritchot</i>
<i>RT – Robert Turski</i>	<i>Councillor – RM of Macdonald</i>
<i>JS – Jeff Scott</i>	<i>Southwood Golf</i>

Agenda:

1. 1:00 – 1:15 p.m. Introductions and meeting overview
2. 1:15 – 1:20 p.m. Brady licence and committee purpose recap
3. 1:20 – 2:40 p.m. City presentation and discussion
4. 2:40 – 2:45 p.m. Review action items
5. 2:45 – 3:00 p.m. New business
6. 3:00 p.m. Review and adjourn



Meeting Objectives:

- Receive updates on activities, projects and programs at Brady
- Identify issues or concerns at Brady with impact on local environment and measures to mitigate them

Meeting Notes:

1. Introductions and meeting overview	
ES – Opened the meeting, reviewed agenda and meeting guidelines.	Info
All – Went through a round of introductions and status updates.	
MN – Emailed 311 on June 1 to report landfill odour and was redirected to Manitoba Conversation and Water Stewardship 1. Was there a change in policy? CK – No there wasn't a change	
ACTION: CK will follow-up with 311 to see what is happening with protocol, as original one is still in place.	
MC – News from South Pointe/Prairie Pointe: we are working on construction project in Prairie Pointe, excavating the last three lakes. We are servicing our Stage 5.	
2. Brady licence and committee purpose recap	
ES – Provided license and committee recap	Info
WD – In terms of Committee composition description, it might be useful to use the term “other stakeholders”, as U of M and Green Action Centre are institutions.	
3. City presentation and discussion	
<i>Impact of COVID-19 on Brady</i> CK – Originally had two cohorts working within the landfill, which has proven not to be necessary as are able to maintain physical distancing and mask use to keep everyone safe. Residential volumes have returned to normal pre-COVID volumes. There is also less leaf and yard waste since it has been so dry.	Info
<i>Landscaping and long-term planning</i> CK – The service road is fully open since last October, where only access to site is off Waverley. Did lose quite a few trees on the service road due to expropriation of land. Trees were catalogued and working with the Province to replace all the trees. Species planted on the lime mud berms are American elm, Manitoba maple, Choke cherry, Trembling aspen, Sand cherry, Red-osier dogwood, Buffalo berry, Wolf willow, Hazelnut, and Pagoda dogwood. Establishment has been difficult according to the Naturalist, as the site is exposed to winds and rainfall has been poor over the last two summers. There has also been loss due to rabbits, and voles. Fencing was put up around the trees and the planted trees appear to have overwintered much better. Choke cherry and Sand cherry have done better and seem to be better suited for the site. Will continue to add more stock within the next couple of weeks.	
WD – Is there a monitoring program for the American elm and the Choke cherry given consideration for disease in the future? The Sand cherry could also be affected as well.	

CK – The City Naturalist have a monitoring program in place to see what does well and ensure diversity. They will move forward with the ones that have done better.

DB – Looked like there was activity on the closed landfill section. Is that just access road or some other activity?

CK – On the North side they are prepping an access road to get to the Cell 32 cell as elevation is gained it is harder to get access. They were also adding some topsoil in the north-west corner to prepare for seeding prairie grasses.

Native species grasses planted are Slender wheatgrass, Canada wildrye, big blue stem, Northern wheatgrass, Western wheatgrass, Ricegrass, Swithgrass, and Needle & Threadgrass.

Odour, noise and nuisance management

CK – Haven't received any odour complaints, likely due to improvements, but perhaps some of that may be due to the 311-concern raised earlier. More concerns last summer as they were trenching for landfill gas upgrades, which is now complete.

Using new fencing on the tipping face. Since we have lost trees, looking at putting up secondary containment. Looking at putting up poles with mesh netting at boundary of north side of site to see if it will help catch any secondary litter. Biggest issue is single use plastics. As BRRMF is the highest land elevation in the City of Winnipeg, we get a lot of wind. The wind seems to be a lot stronger at the top of the landfill.

MN – Hope that the data on odour complaints is correct.

CK – Will verify for sure. Have made substantial improvements and goal is to have low number of complaints.

Site Improvements, Seasonal & Project Activity

CK – Cell 33 construction has started, Cell 33 will be ready in August if everything goes well. This is located south of the active cell and will be identical in design as Cell 32. Life expectancy is approximately 18 months to 2 years of capacity.

ES – For the new members, can you describe what a new cell is?

CK – Major components entail excavating about four metres below grade, compact a clay liner below it, install a liner to prevent leachate from getting out of the cell, install leachate collection system to the current active system, and cover with drainage blanket materials.

CK – As of last year, have added 18 new dual-purpose wells to the Cell 30 area that are hooked up to the central flare system. Each has their own pump to maximize gas collection. Have added 57 pumps to existing wells to help dewater the site and create more head space that maximizes more gas recovery. Have put in four perforated horizontal collectors in Cell 32 under newly deposited waste, which will help to maximize efficiency this area.

Research partnerships & resource development

CK – Landfill gas beneficial use study is finally complete and was presented to Council on February 25.

WD – University of Manitoba Student Union had an environment forum and invited MP Duguid to speak. He announced he was having a meeting with MLA Squires about Brady, which was around Earth Day. Do you have anything that you can share, or acknowledge that meeting existed?

<p>CK – I haven't received any information. MN – Talking frequently with Terry Duguid and Minister Squires. WD – That's because it is Squires' jurisdiction. MN – No. She was previously the Minister for Municipal Relations and before that the Minister for Sustainable Development. In both those roles she is aware of the U of M pipeline option. WD – Thank you for that clarification. DO – What has been publicly released in terms of the study? CK – Don't think anything at this time. This has gone to Council so don't believe anything would be available to the general public at this time. MN – There is a summary of the report available, where TetraTech ranks the options, but it doesn't provide any data that backs up why it ranked the options as it did. What is available publicly is really thin. The University did receive a full copy of the report but had to sign an NDA. Reported back to Council with concerns with the findings and the numbers that were used in making the recommendations. It is recommendations without any of the data defending the numbers it presents. DO – It is discouraging that this Committee would be last to see this report. ES – Are you aware of what was presented to Council? TS – There is a link in the presentation.</p> <p>ACTION: CK to get a more fulsome Landfill gas beneficial use study update on what will be shared when.</p>	
<p>4. New business</p>	
<p>CK – Residential Food Waste Pilot continues with Daniel McIntyre, Inkster Gardens, Linden Woods/Linden Ridge, Mission Gardens, St. George. Under 3% have opted out of the program. On average collect about 8 tonnes per week. Will be tracking participation rate in the program as part of the pilot. Everyone was given 110-150 liner bags, where there were some issues in the winter with food sticking to the bottom of the carts. Haven't received too many complaints. Currently incorporating kitchen waste into the leaf and yard waste windrows at BRRMF.</p> <p>JG – At 8 tons/week for the pilot neighbourhoods, are you getting enough data now to start modelling total uptake city-wide and what that would mean in terms of GHG reductions? CK – I don't think they're at that point yet. JG – It is a great number. ACTION: CK to check on updates on Residential Food Waste Pilot GHG reduction projections.</p> <p>WD – Want to ensure it isn't a typo and that it does go to Sept 2022. CK – That is correct. It started Oct 2020 and is a 2-year pilot program. WD – When it stops, do you anticipate that this would be put forward to Council for the April 2023 budget? CK – That would likely be early. Would likely present the results to Council in the spring and to get next steps from Council.</p> <p>KK – Do you know what you're going to do with all this organic material, assuming it expands to the rest of the city? Is there potential to turn organic material into biogas? CK – That's all part of the pilot project. Not only collection to see if it is feasible, the cost of it, and what the long-term use of the materials would be.</p>	<p>Info</p>

KK – Is that happening simultaneously, or will another feasibility study come out of it based on the project?

CK – It depends on what information we get through the pilot project this would drive what next steps will need to be taken.

November 17, 2020 Action Item

ACTION: CK to provide update on 4R Depot/recycling video(s)/other related public education tools.

CK – The video on the MRF is complete and is in post-editing. Everything else has been put on hold with COVID issues.

Other Discussion

WD – Is the Naturalist still working out of the prairie living museum?

CK – No don't think so.

WD – I believe the grasses were hydro-seeded, is that correct?

CK – That's correct. We've moved away from that.

WD – Is there an opportunity to introduce mixed prairie flowers once the grasses start establishing themselves? Not only would you increase the aesthetics of the landfill, but also increase the biodiversity for pollinators, which is critical. Perhaps Kale could help find some resources for those types of projects.

CK – An excellent point and something we've looked into recently. Have closed areas we are still working on revegetating and working with the Naturalist on that site. There are huge benefits like you've mentioned.

KK – If you want to flip something to WD and I we could filter that through some channels to see if there would be interest on the U of M front.

DB – Go to the library to recycle my batteries and you have to put one battery in one plastic bag, which seems silly. From the Recycle Manitoba ad I can tape my batteries together.

Shouldn't the directions be different, instead of telling everyone to use one plastic bag?

CK – That program is put on by Call to Recycle, at no cost to the city. Not too sure why they have that recommendation.

WD – It is the lithium technologies that can explode if they start shorting out. It isn't like the old days with the dry cells.

CK – Alkaline batteries you could put together.

DB – What would be the procedure to get the instructions changed and keep a bunch of plastic bags out of the landfill?

WD – Is it possible to masking tape positive and negative terminals, will that be the same or will that disrupt their process?

DB – The masking tape is a concern of mine as well.

ACTION: CK to see if the Supervisor of Waste Diversion, who spearheaded the program, can find out if instructions can be changed on the battery recycling program.

WD – Green Action Centre has an interest in having a permanent composting site for commercial. Even if the city implements a city-wide residential composting program, don't think that it will be extended to the commercial sector for many years. Compost Winnipeg, our social enterprise, trying to find a place where it can be easily and economically processed. Is there any further movement for creating a segregated space for private sector people?



<p>ACTION: CK to look into whether there is any information on creating a segregated space for private sector compost.</p> <p>DB shared photo of signs that past Committee member Kim Sysa. made for the Harte Trail. DB – Anytime I mention that I’m on this Committee reaction is that Brady is great, referring to the 4R Depot. There was a nice article on mattress recycling with Mother Earth, which would be good to have information on the landfill website. CK – There is some information on mattress recycling on the website, but not a lot of details. WD – Strongly suggest talking to the communication people at the City, as supporting Indigenous enterprise is part of Truth and Reconciliation, so may be an opportunity to amplify what DK has shared.</p> <p>CK – Would it be of interest to Committee members to have a tour of Brady once it is available, especially as there are new members? ALL – General agreement in having a tour. DB – Would be good for students to tour, as there are so many opportunities for employment and fields that students could be encouraged to pursue. DO – The last tour we had was after the early snow, so had all the tree damage in the city. It was remarkable to see scope of operation where little dots on a map wouldn’t reflect the piles of trees. JF – Seeing the site last year really made this so much more meaningful. CK – Hard to get the magnitude. Still seeing some remnants from that storm. Hopefully can get a tour sooner than later.</p> <p>WD – Do you still answer to Councillor Mayes? CK – Correct.</p>	
<p>5. Review action items</p>	
<p>ACTION: CK will follow-up with 311 to see what is happening with protocol, as original one is still in place.</p> <p>ACTION: CK to get a more fulsome update on what will be shared when re: Landfill gas beneficial use study.</p> <p>ACTION: CK to check on updates on Residential Food Waste Pilot GHG reduction projections.</p> <p>ACTION: CK to see if the Supervisor of Waste Diversion, who spearheaded the program, can find out if instructions can be changed on the battery recycling program.</p> <p>ACTION: CK to look into whether there is any information on creating a segregated space for private sector compost.</p>	<p>City</p>
<p>6. Review and adjourn</p>	
<p>Next meeting expected to be scheduled Fall 2021</p> <p>ES – Adjourned meeting.</p>	<p>Info</p>