



Water and Waste Department • Service des eaux et des déchets

**Brady Road Resource Management Facility
Community Liaison Committee**

Meeting #10

Date: Thursday May 24, 2018

Location: Water and Waste Department, 1120 Waverley (Meeting Room #3)

Attending:

<i>DB – Darlene Boettcher</i>	<i>Citizen – Winnipeg (Charleswood)</i>
<i>RT – Robert Turski</i>	<i>Councillor - RM of Macdonald</i>
<i>JB – Janine Boulanger</i>	<i>Councillor – RM of Ritchot</i>
<i>MM – Martha Moffat</i>	<i>Citizen – RM of Ritchot</i>
<i>MN - Myrrhanda Novak</i>	<i>Citizen – Winnipeg (South Pointe)</i>
<i>WD – William Dowie</i>	<i>Green Action Centre</i>
<i>YH – Yvonne Hawryliuk</i>	<i>Manitoba Conservation and Water Stewardship</i>
<i>NS – Nada Suresh</i>	<i>Manitoba Conservation and Water Stewardship</i>
<i>JF – Jacquie Field</i>	<i>Citizen – Winnipeg (Fort Richmond)</i>
<i>MC – Michael Carruthers</i>	<i>Ladco Company Ltd</i>
<i>GB – Grant Baker</i>	<i>Citizen – RM of Macdonald</i>
<i>AR – Ash Raichura</i>	<i>City of Winnipeg – Solid Waste</i>
<i>RP – Randy Park</i>	<i>City of Winnipeg – Solid Waste</i>
<i>DD – Daniel Decraene</i>	<i>City of Winnipeg – Solid Waste</i>
<i>GR – Geoff Reimer</i>	<i>City of Winnipeg – Solid Waste (Chair)</i>
<i>KK – Katie Krahn</i>	<i>Blueprint</i>
<i>MK – Michelle Kuly</i>	<i>Facilitator, Blueprint</i>

Regrets:

<i>LS – Leanne Shewchuk</i>	<i>University of Manitoba</i>
<i>DO – Dave Olinyk</i>	<i>Citizen – Winnipeg (Richmond West)</i>
<i>JS – Jeff Scott</i>	<i>Southwood Golf & Country Club</i>
<i>IS – Irv Silke</i>	<i>City of Winnipeg – Solid Waste</i>
<i>SF – Shanleigh Forsyth</i>	<i>Citizen – Winnipeg (St Norbert)</i>

Agenda:

1. Session opening & issues scan
2. Items for updates, discussion:
 - a) Landscaping plan
 - b) Lime mud berm construction
 - c) Odour, noise, vector and nuisance concerns
 - d) Leachate and surface water management
 - e) Access management, user experience on site
 - f) Research partnerships and resource development
 - g) Long term site planning
 - h) Seasonal and project activity



3. New items for discussion
4. Session closing, action items review and next steps

Meeting Objectives:

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

1. Session opening & issues scan		
<p>MK – Opened the meeting. The committee purpose, agenda and meeting guidelines were reviewed. Round table introductions were made including new committee member Jacquie Field (new member from Fort Richmond-University Heights Neighborhood Association) and to welcome Nada and Yvonne from Manitoba Conservation and Water Stewardship (sitting in for Sonja who is on maternity leave). MK invited participants to identify any personal objectives, questions for the meeting and noted meeting #9 minutes and presentation are available on the project website.</p> <p>No additional agenda items were added.</p>		Info
2. Items for updates, discussion		
a) Landscaping plan		
<p>DD – North face restored from landfill gas expansion with native prairie grass mixture. Work in progress but not yet complete. City will continue to monitor throughout 2018 and restore further, if necessary. Planting test plots continue to be monitored for growth.</p> <p>JF – Inquired about landfill gas expansion.</p> <p>DD – Extract landfill gas from site to central location where it is flared/burned off to manage gases in the system. Off-gassing process is less harmful to environment than emissions from the site itself, if landfill gas was not flared. Expansion was used to improve efficiency of existing system.</p> <p>MC – Inquired about recent drilling at the site.</p> <p>GR – Noted the drilling activity was also related to the landfill gas expansion.</p> <p>GR – City looking at converting flared-off gas to electricity or renewable natural gas.</p> <p>DB – Noted potential opportunity to use landfill as crematorium.</p> <p>WD – Inquired whether natural gas conversion could be used for City fleet vehicles.</p> <p>GR – Acknowledged WD suggestion and noted that it is a considered a possible benefit for the project.</p> <p>RP – Noted current study will consider possible uses for natural gas conversion, but not advocate for one in particular.</p>		Info
b) Lime mud berm construction		
<p>DD – Noted existing lime mud located on Chevrier relocated to Brady to provide berms on Waverley (back side) and Brady Road (front side). In exchange for Brady taking the lime mud, developer is providing some landscaping and other landscaping materials. Waverley berm is now complete, capped and hydro-seeded. Shaping, topsoil and seeding of berms along Brady Road and Perimeter to be completed by Fall 2018. Intent is for berms to help shelter landfill operation from adjacent roads. Once complete, will continue with landscaping plan adopted in 2014.</p> <p>MC – Inquired about what is used to cap and cover the berms.</p> <p>DD – Clarified 800mm of clay on berm and 200mm of vegetative cover (compost developed at Brady) is used</p> <p>JF – Inquired whether berms are fertile and why lime mud exists.</p>		Info



<p>DD – Lime mud is the by-product of the sugar beet process and that the clay and vegetation will grow, though lime mud is not fertile on its own. DB – Inquired about status of tree planting. DD – Clarified continuing discussions on planting trees on berm. YH – Inquired about the name of the developer. DD – Confirmed developer is Hopewell Developers.</p> <p>Action: City to report on outcomes and success of tree planting project from 2018 season at next meeting</p>	<p>Action</p>
<p>c) Odour, noise, vector and nuisance concerns</p>	
<p>DD – City continues to control odours by covering garbage regularly; using natural biofilters (woodchips) on leachate manholes; expanding landfill gas system; monitoring and measuring odours on a weekly basis. City is currently investigating a return to using straw. DD – City received 6 odor complaints from 5 different residents since last meeting (Nov 1, 2017). Encouraged committee members to call with complaints so that the City has the opportunity to make some changes and resolve issues. MN – Noted that people may not want to report because registering too many formal complaints could impact future property value/resale. DD – Acknowledged it was an important perspective and thanked MN for contributing. Noted that City tries to arrange operations to help mitigate odour impacts for residents, but information from residents is important to ensure those mitigations are as effective as possible. DB – Inquired about whether City has received complaints from other RMs. GR – Noted that complaints can help. RP – Encouraged people to email or DM 311 using social media for better response times. WD – Encouraged City to implement composting program, noting that it could help reduce odour. MN – Encouraged City to consider plastic bag ban. JF – Reinforced that emails and phone calls are critical to ensure better enforcement and data to support improved services – referred benefit of emails and calls on prioritizing rooming house issue in Fort Richmond/University Heights. Noted that complaints do not appear to have affected property values for the properties in question. Asked committee members to encourage their communities to report. MC – Confirmed formal complaint process should be initiated through 311. Acknowledged that complaints can be time-stamped and can be a helpful reference when trying to sort out what happened. JB – Noted that local communities were built after the landfill existed and asked whether City put any regulations around the location of those developments. DD – Confirmed there is a buffer zone (90-150m range) from a landfill and around what could be developed near a landfill, but is unaware of any additional City regulations around additional buffer zones. City confirmed that regardless of when the developments are built, the City is working to ensure the operations do not impact their neighbors and help mitigate impacts where they do occur. WD – Suggested City should be marketing or sharing information about the great work they are doing on odour management through City website, newsletters, social media, etc. NS – Inquired about air testing at the landfill. DD – Confirmed City monitors and records odours, wind direction and then compares against landfill operations to determine. City uses the same process when a complaint is submitted, as soon as possible after receiving it.</p>	<p>Info</p>

<p>YH – Inquired whether City gets copies of emails from Councillor Lukes. RP – Confirmed Councillor provides emails and recently contacted him about litter issue on Kenaston (also raised by committee members), which City is now looking into.</p> <p>Action: City to confirm whether complaints have been received by other municipalities and if 311 records those complaints or refers them to the applicable RM.</p> <p>DD – Falcon environmental contracted to manage birds and disrupt nesting habits, including falcons and hawks, flying kits, using pyrotechnics. Challenging to control seagulls at landfill due to lack of mitigation programs at surrounding feeding sites. DD – Extra litter crews are working 3-4 days per week to address litter concerns caused by strong winds while landfilling at highest point of the facility. Litter control includes moveable fences and manual collection; investigating use of mechanical raking equipment to assist with cleanup. Process has been successful to date, with minor setback due to windy weather. RP – Noted last week was north of the Perimeter and, once complete, will move into the Kenaston area to respond to recent concerns. MC – Noted recent dumping at top of the landfill. DD – Noted dumping is to address areas on landfill that subsided due to landfill gas expansion project and that work is now complete. Future dumping operation will no longer be visible from Perimeter Highway.</p>	Action
d) Leachate and surface water management	
<p>GR – Leachate study finished in March 2018 and includes: Brady Road Resource Management Facility; Summit Road; Saskatchewan Avenue; Kilcona Park. City still reviewing with report yet to be adopted. GR – City currently collecting leachate and transfers to North End treatment plant, which works well. Study considers alternative ways to treat leachate on site and reduce costs related to transfer and environmental impacts of pumping and hauling leachate to a separate site. GR – Draft master plan for BRRMF review is ongoing. When finalized, master plan will be shared with the committee.</p> <p>Action: City to share BRRMF master plan with the committee when available.</p> <p>Surface water management plan is complete and describes ways that the surface water is dealt with on site. WD – Does leachate report also consider environmental impacts of transfer (whether it is a hazardous substance under regulation) DD – Leachate is not regulated as a controlled or hazardous product.</p>	Info Action
e) Access management, user experience on site	
<p>GR – Noted average traffic volume/wait times at Brady 4R Winnipeg Depot now available online to help residents plan their trip to the depot and provided the web link. DD – Confirmed systems have been put in place to help manage traffic during peak times and are doing well. Noted during peak times, people will still need to wait. Outside of peak times, typical time is between 7-10 minutes. YH – Inquired whether traffic has decreased since other 4R depots have opened or whether communications has increased use. DD – Confirmed awareness and site use has increased. RP – Noted Manitoba Infrastructure holding open house on May 28 3 PM-8 PM at CanadInns on Pembina Highway to collect input on closing Brady Road and new intersection at Highway 301. WWD will have staff in attendance and encouraged committee members to attend.</p>	Info

<p>Action: City to provide statistics, if available, on how much waste, and what kind, is refused at the landfill.</p>	Action
<p>f) Research partnerships & resource development</p>	
<p>DD – Cattail composting ongoing. Discussions to convert landfill gas ongoing. Continuing discussion with Mother Earth (local partner) to divert mattresses from landfill. Continue to work with Wood Anchor to reclaim elm trees and reuse. WD – Asked for City to provide status of discussions and timeline for approving or finalizing projects where discussions are ongoing.</p> <p>Action: City to provide status, milestones and estimated timing for projects under discussion.</p> <p>DD – Expected Emerald Ash Bore will affect operations at Brady. Will consider opportunities to use or complete wood chipping on site. DD – Updated group on SYLVIS soil manufacturing pilot project, noting that they have sufficient sawdust and biosolids but are short on woodchips which the Emerald Ash Bore crisis will address. GR – Noted SYLVIS soil project diverts biosolids, street sweepings and wood chips to create soil that can be used for capping. DB – Inquired about how they acquire wood chips, other than existing elm trees. WD – Confirmed Hydro poles from City backlanes are sent to landfill. RP – Confirmed branches and trees are also self-hauled to the landfill in by small contractors.</p>	<p>Info</p> <p>Action</p> <p>Info</p>
<p>g) Long term site planning</p>	
<p>GR – Quick recap of BRRMF Master Plan (discussed above) noting KGS is completing the work and that report will be shared with the committee when complete.</p>	Info
<p>h) Seasonal and project activity</p>	
<p>DD – New admin building construction underway, on schedule and expected to be complete by end of 2018. DD – Paving of Charette Road started this week (east west road running through centre of landfill) and will be asphalt to help remove noise and dust. DD – Yard waste and biosolids composting project operating well. Significant influx of product due to recent spring cleanups. 2017 saw 5000 m/tonnes of biosolids and was used as vegetative layer on site. DD – Compost giveaway event held on May 6, 2018 to kick off International Compost Awareness Week; 40-60 yards of compost given away at each 4R depot. DD – Compost plan being developed for 2018-2020. City considering marketing compost off site to be used in their products, which would be retailed back to consumers. WD – Does compost need to be graded to set standard? DD – Confirmed compost has to be a certain quality standard set by CCC and include a certificate of analysis outlining what is included in its contents. WD – Encouraged City to provide this information online to promote and celebrate their good work on the compost initiative. DD – Used perspective map to identify compost sites and operations at landfill noting 32,000 tonnes of organics do not go in the landfill. DD – Work on Cell 30 (visible from Perimeter) should be complete by Fall 2018. Landfilling in Cell 31 underway. Construction of central leachate tank on track to be completed in July 2018.</p>	Info



<p>DD – Provided map of cell locations, walked through and recapped timeline for construction. MN – Confirmed plan is for berms to be covered and no longer visible from her home. RP – Noted operation along the north edge, adjacent to the perimeter, when complete, blocks landfilling operations from the public’s view. WD –Noted concern that following 2023 landfilling operation would once again return north to the area closest to the perimeter (and the public’s view). MC – Inquired whether there is still a plan to allow for future recreational sites at north east corner of the site. RP – Confirmed recreational uses still considered as part of the report. DB – Requested that the committee could take another look at the landscape plan.</p> <p>Action: City to consider suggestion to develop at south end of Area B versus along the perimeter past 2023. Action: City to provide landscaping plan (or provide refresher to committee) as part of next meeting.</p> <p>DD – Provided update on Panet 4R Depot, which opened in February 2018 and is located at 429 Panet Road at Mission Street. Depot accepts the same materials as the Pacific location. Brady landfill is still only location to accept garbage. YH, GR – Noted challenges with refusing materials at 4R depots and corresponding effects on the environment (e.g. illegal dumping).</p> <p>Action: Committee to revisit discussion about refused items at next committee meeting.</p>	<p>Action</p> <p>Action</p> <p>Info</p> <p>Action</p>
3. New items for discussion	
<p>JF – Inquired about whether City has considered community awareness or education program to help promote recycling changes. WD – Noted that City does not get the money from environmental levies, etc. and City and interested committee members needs to lobby province for some of this funding to support these types of communications. RP – Noted City advertises but has a limited budget; has worked with MMSM and CBCSA to develop a short and mid-term campaign to address issues raised in the media in the last 6 weeks, including cleaning containers prior to recycling them. WD – Inquired whether City could circulate survey for committee member input. RP – Noted that Solid Waste is only the technical component of communications development as opposed to strategic campaign components. MK – Confirmed that Committee will submit comments by email on types of things that should be communicated by the City and the methods that could be used. RP – Confirmed City is happy to review and share that information when available.</p> <p>Action: City to share additional information about the mid/short term communications campaign at the next committee meeting. Action: Committee members provide input on communications to MK, who will compile and provide as addendum to meeting notes.</p> <p>DB – Recognized recent tragedy at WWD and inquired about safety measures in place at site. RP/DD – confirmed that the City is consistently managing, monitoring and improving safety at the site.</p>	<p>Info</p> <p>Action</p> <p>Action</p>
4. Session closing, action items review & next steps	



Next meeting to be scheduled in early November 2018.

Action items:

- City to report on outcomes and success of tree planting project from 2018 season
- City to confirm whether complaints have been received by other municipalities and if 311 records those complaints or refers them to the applicable RM
- City to share BRRMF master plan with the committee when available
- City to provide statistics, if available, on how much waste is refused at the landfill
- City to provide status, milestones and estimated timing for partnership/research projects under discussion (cattail composting, landfill gas, mattress diversion)
- Committee to revisit discussion about refused items at next committee meeting
- City to consider suggestion to develop at south end of Area B versus along the perimeter past 2023
- City to provide landscaping plan (or provide refresher to committee) as part of next meeting
- City to share additional information about the mid/short term communications campaign at the next committee meeting
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- Committee members provide any specific communications to MK, who will compile and provide as addendum to meeting notes

Completed action items from last meeting:

- Next meeting to be scheduled for May (group prefers over June)
- Provide new committee members with copy of environmental licence and terms of reference
- Update slide 15 to read “energy” instead of “electricity”
- Provide committee with web link to stats on collection, diversion