



Water and Waste Department • Service des eaux et des déchets

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

Meeting #7

Date: Thursday November 24, 2016

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

Attendees:

GB – Grant Baker	Citizen – RM of Macdonald
DB – Darlene Boettcher	Citizen – Winnipeg (Charleswood)
AF – Anneliese Forsyth	Citizen – Winnipeg (St Norbert) (OBO Shanleigh Forsyth)
DO – Dave Olinyk	Citizen – Winnipeg (Richmond West)
MV - Melanie Vanderhorst	Citizen – Winnipeg (South Pointe)
CW – Corinne Webb	Councillor – RM of Ritchot
DS – Darcy Strandberg	City of Winnipeg – Solid Waste (Chair)
DD – Daryl Doubleday	City of Winnipeg – Solid Waste
MKH – Michelle Kuly Holland	Facilitator, FPS
LF – Lise Fenton	Notetaker, FPS
JS – Jeff Scott	Southwood Golf & Country Club
RT – Robert Turski	Councillor - RM of Macdonald
WD – William Dowie	Green Action Centre

Regrets:

MM – Martha Moffat	Citizen – RM of Ritchot
JZ – Jason Zhu	Citizen – Winnipeg (Fort Richmond)
MC – Michael Carruthers	Ladco Company Ltd
LS – Leanne Shewchuk	University of Manitoba
SB – Sonja Bridges	Manitoba Conservation and Water Stewardship

Agenda:

1. Session opening & issues scan
2. Standing items for update, discussion:
 - a. Landscaping plan
 - b. Lime mud berm construction
 - c. Seasonal & project activity
 - d. Odour, noise, vector and nuisance concerns
 - e. Leachate, surface water management
 - f. Access management, user experience on site
 - g. Research partnerships and resource development
 - h. Long-term site planning
3. New items for discussion:
 - a. St. Boniface landfill site update
 - b. SF interested in a tour

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

<p>1. Session opening & participants objectives</p>	
<p>MKH - Opened the meeting. The committee purpose was reviewed. Reviewed the agenda and meeting guidelines. Round table introductions were made. MKH invited participants to identify any personal objectives, questions for the meeting. Meeting minutes and presentation are available on the project website. No additional agenda items were added.</p> <p>MKH - Noted that Kim Sysa has moved, and that she had suggested contacting the new South Pointe Residents (SPR) group to engage a new representative to the board which has been done.</p> <p>MKH - Introduced DS to give presentation, asked that a brief synopsis of progress to date be given, as context for new members.</p>	<p>Info</p>
<p>2. Short-term landscaping plan update</p>	
<p>DS – Reported that 12 trees and 14 shrubs had been planted in order to test survivability. All survived – none were affected by landfill gas. Planting will continue next year as budgeted. Grass has been seeded on the north face. This seeding will continue on the northwest and the top of the landfill next fall.</p> <p>DB - Enquired as to what type of seed was being used.</p> <p>WD - Further enquired as to which company is doing the seeding.</p> <p>DS to find out more on seeding and report back to the group.</p> <p>DS: Reported that Hopewell will be planting trees when the berm is completed in 2017.</p> <p>WD: Enquired as to what type of company Hopewell is, and asked if they would be subcontracting to a landscaping firm.</p> <p>DS: Confirmed that Hopewell uses a subcontractor for this work.</p> <p>DS: Shared that, as excavation is happening, clay is being taken to put on closed sections to get a one metre cap. This clay is covered with compost to promote growth.</p>	<p>Info</p>
<p>3. Lime mud berm construction update</p>	
<p>DS - Reminded the group that the first phase of berm construction is along Waverley and Brady road, and reported that construction alongside Waverley has been shut down to concentrate on completing construction alongside Brady.</p> <p>DS – Shared that he had met with Councillor Lukes a few days prior to the meeting, and learned that there may be a construction project beginning on Waverley, which may</p>	<p>Info</p>

<p>necessitate a change to that approach.</p> <p>DS – Reported that 75% of the lime mud has now been moved. As lime mud berm is built, it is covered in clay and then compost for planting.</p> <p>DS – Reported that there had been delays in the construction of the berm due to weather. Completion of the berm was originally planned for this November, but has been extended to November 2017.</p> <p>MKH: Shared a question submitted by email from MC: Question about the berm along the Perimeter Highway and the north wall of the landfill along the Perimeter. There is info about the Brady Road berm, but no discussion about Perimeter Highway. Visually, we can see equipment on the top of the landfill and material is blowing out of the landfill. When will the berm along the Perimeter be constructed and when will the open face be moving further south?</p> <p>DS – Responded that the Brady and Waverley road berms are expected to be completed next November. Portable fences are also used on top of that area, and Solid Waste does its best to prevent litter leaving the site. There is a group that comes in and picks up litter that has exited the site, called New Directions. The current cell is up against the Perimeter. Early next year it will complete. The new cell will be south of the current one, further away from the Perimeter.</p> <p>DD – Showed the group on the map where the next cells would be constructed, and flagged for the group that after the next “row” of cells were completed, the new cell would once again be next to the Perimeter within the next four to seven years.</p> <p>WD – Asked if it was necessary to jump back to the north instead of snaking back.</p> <p>DS – Responded that there are technical considerations that mean the cells must be done in this order.</p> <p>DO – Pointed out that the cells have not yet hit the minimum height of 30 metres, and asked how many cycles are imagined before that point?</p> <p>DS – Responded that that will fall under the Brady Road Masterplan.</p> <p>DO – Asked if the grass and topsoil is peeled back and saved.</p> <p>DS – Responded that it would be.</p> <p>WD – Asked if the planting that is planned for the top of the berm has been tested.</p> <p>DS – Responded that this would not specifically be tested, but they do not foresee any issues. There is a half metre to metre of clay topped with soil on the berm, and that on the section of berm completed this summer, there was a lot of growth, even before exposed lime was covered.</p>	
<p>4. Seasonal & project updates (Winter/Spring)</p>	
<p>DS – Shared that Solid Waste continues to work with Wood Anchor, who reclaim elm trees as flooring and furniture. Yard waste and biosolid composting continues, with the compost to be used as final cover at Brady.</p> <p>RT - Stated that he didn't think people were aware that they could bring yard waste to Brady for free.</p> <p>DS - Responded that the City continues to increase education/media output on topics like</p>	<p>Info</p>

which services are free, and that with the second 4R depot at Pacific, and a third at Panet in the planning stages, this information will be out there more and more.	
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5. Odour, noise, vector and nuisance concerns & updates	
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<p>DS – Shared that there were 24 odour complaints in 2016, compared to 10 or 12 in 2015, but that multiple complaints are coming from some residents. Each complaint that goes to 311 is investigated, and air quality is tested and recorded, along with wind direction.</p> <p>DS – Updated the group on the meeting with Councillor Lukes. Councillor Lukes agreed to encourage concerned residents to contact 311, so their concerns can be tracked and responded to.</p> <p>DS – Reported that Falcon Environmental was flying hawks to deter seagulls and geese until October, and Solid Waste will be looking at hiring them again next year to start around April. They also do egg management, which disrupts nesting habits to deter birds from nesting on the site in the future.</p> <p>DS – Reported that the landfill gas expansion tender will go out in early 2017, with construction in closed areas to begin in 2017.</p> <p>MKH – Shared a question submitted by email from MC: Is the open face of the landfill being covered on a daily basis?</p> <p>DS – Responded that it is (as per licence 3081 R).</p> <p>WD – Asked if noise complaints were anticipated in 2017, given the number of planned projects, and asked if citizens would be informed.</p> <p>DS – Responded that the noise would be from drilling, which would only last a short period. Noise shouldn't be a factor after that, and so far there haven't been any complaints of noise.</p> <p>DS – Shared that complaints about the condition of Waverley road are being addressed by having the road cleared daily, with weekly reports being submitted, and by ensuring pre-approved routes into Brady are being followed.</p> <p>DO – Asked if there was a breakdown of complaints by location/condition.</p> <p>DS – Showed a map of the location of the complaints, which were predominantly in the north, and stated that they usually came in when there was a south wind. When complaints are submitted through 311, Solid Waste investigates the complaint within 24-48 hours, daily activities are referenced (what operations may have caused odour issues within Brady), wind direction, activities outside Brady Road (manure spreading etc.) and air quality tests are completed.</p> <p>AF – Asked how many of the complaints were actually related to Brady, versus odour coming from hog farms.</p> <p>DS – To find out, of odour complaints, how many of them do we know were from Brady vs agricultural activities/undetermined?</p> <p>DB – Stated that she believes there are many people noticing an odour, but not complaining.</p>	Info
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Meeting Break	
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6. Leachate, surface water management concerns & updates	
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<p>DS – Shared that the leachate study is underway, and is looking at alternatives for the leachate treatment including on site storage tanks and natural land application. Draft results were received in October, and the final version will be in by the end of the year.</p> <p>DO – Asked why the Saskatchewan Avenue site was picked for the study.</p>	Info
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<p>DS – Responded that the four sites picked for the study have leachate collection systems. DS – Informed that group that KGS is developing a master plan for the Brady road resource centre, and a final draft of the review will be completed by early next year.</p> <p>MKH – Shared a question submitted by email from MC: Will the Draft Master Plan be shared with the committee when complete? DS – Responded that once the plan is completed, reviewed, and approved, it will be the director’s decision on whether to make it public, so he was unable to answer that at this time. DO – Noted that, for the leachate study, there should be some comment on the quality of the groundwater, related to the different composition of each of these sites. AF – Asked if the leachate study looks at how leachate can be applied to land? DS – Yes, these are part of study. The focus is on other ways to deal with the leachate from Brady, besides pumping and hauling it to a north end plant. AF – Suggested that this might be a compelling research project, and asked if Solid Waste would ever be looking at finding other uses for leachate. DS – Responded that they have had many studies from U of M students, and some of these students are now involved with KGS. They are always willing to work with universities to do research.</p>	
<p>7. Access management, user experience concerns & updates</p>	
<p>DS – Shared that a new superintendent was hired two months ago, named Dan DeCraene. Improvements are being made to signage at the 4R depot to make it more user friendly. A low wattage radio station has been set up. This station currently gives hours of operation, but in future can be used to share tips on how to navigate the depot, how to pack your vehicle, etc. WD – Inquired what the maximum range of the radio station might be, and whether it could be used to send out odour alerts. DS – Responded that he didn’t think this would be possible, as the current radio station doesn’t extend beyond the landfill, and it was a long process to get that approved. WD – Pointed out that this could be added as a streaming feature to the website, if a wider broadcast area wasn’t possible. DO – Added that Flin Flon has air quality warnings broadcast on local radio, so there is precedent. DS – To check what the reach of the radio station is, and what might be possible in terms of streaming, and send a note to SB about what could be learned from Flin Flon. DS – Shared that the My Waste app is now available, and includes information for the 4R depot. It also has a survey to test recycling knowledge. All – Members of the group to get the app and come back with feedback. Members were also asked to share the app with their networks. DS – Reported that Solid Waste is working on YouTube videos. They continue to use live web updates for commercial haulers, and are looking to update the website with anticipated wait times at the 4R depot. RT – Shared his experience as a landowner, having to load up a large amount of garbage that had been illegally dumped on his property and transport it to Brady, which included having to pay to dump the load. DS – Asked if this is something that happens frequently.</p>	<p>Info</p>

<p>RT – Responded that it happens all the time, and that he sees things like see sofas in the ditch frequently.</p> <p>GB – Confirmed that it is a common issue.</p> <p>AF – Mentioned she had seen it on the backroads in St Norbert as well.</p> <p>DS – Stated that there were quite a few dumping complaints coming from Brady Road North.</p> <p>RT – Stated that he thought this issue ramps up whenever tipping fees increase.</p> <p>The group discussed putting up cameras at high risk areas, and also discussed whether fake cameras or notifications might be enough of a deterrent.</p> <p>DS – Will take the idea of cameras to deter illegal dumping away for consideration and report back to the group.</p> <p>All – Group to report any illegal dumping that they encounter to the city through 311.</p> <p>DB – Asked if free weekends at Brady had been considered.</p> <p>DS – Stated that as their budget is directed by council, there isn't a lot of room for exceptions, and mentioned that two years ago.</p> <p>AF – Asked if there is any program in place for low income people?</p> <p>DD – Responded that this year a process was implemented for community groups to apply to the supervisor of the landfill for an exception to tipping fees. They will usually get haulers to donate the hauling.</p> <p>WD – Asked if this program had been communicated to the Biz's (e.g. downtown biz, exchange biz, etc.).</p> <p>DD – Stated that it is a public process that has been in place informally for years, but that the new process formalized it. It hasn't yet been promoted widely.</p> <p>WD – Suggested that, in the livability bylaws, there are lots of "sticks", and it would be nice to have a "carrot" like this up front. Suggested this program be included.</p> <p>DD – To look at the livability notice, to see if it is possible to include information on "exception" program for community groups.</p>	
<p>8. Research partnerships and resource development</p>	
<p>DS – Reported that Solid Waste is working with IISD and Wastewater services to compost cattails from stormwater ponds, which is generally going well. They continue to have discussions on converting landfill gas to electricity.</p> <p>WD – Asked how the turbines would be designed.</p> <p>DS – Responded that there is a Manitoba Hydro study and an internal study that are ongoing, as well as a bid out for another design study.</p> <p>WD – Discussed the Brady Greenhouse Gas footprint.</p> <p>DS – Reported that they are continuing discussions with a company called Mother Earth, who will divert mattresses from the landfill. Early next year, there will be a new contract for bulky waste, and they will be soliciting proponents for diversion.</p> <p>DO – Asked how the mattresses are used.</p> <p>DD – Responded that they strip them down to reclaim the metal, wood and foam. The pillow tops can be sold to furniture movers. They hope eventually to deal with upwards of 30,000 mattresses a year.</p> <p>DS – Reported that Silvis Engineering Group is running a pilot program to convert biosolids to usable soil that will run until 2018. So far it looks promising.</p> <p>DS – Stated that last year, just under 30,000 tons of yard waste was collected, and it's</p>	<p>Info</p>

expected that this year we will exceed that number.	
9. Long-term site planning	
<p>DS – Reported that the new administration building at Brady is in the design stage, with construction expected in 2017 and 2018. The construction will incorporate LEED-NC principles. Solid Waste is continuing to review refurbishing or rebuilding Charette road. If funding is approved, construction would begin in 2018.</p> <p>DO – Commented that everyone should check out the 4R depot.</p> <p>DB – Added that the 4R depot should offer school tours, and suggested that you could offer this option at teachers conferences.</p> <p>DS – Responded that this is something they’re looking at.</p> <p>MKH – Brought up SF’s interest in taking a tour.</p> <p>The group discussed the tour. It was decided that anyone interested would let MKH know, and MV would let the other members of the South Point Neighbourhood Group know.</p> <p>All members of group interested in a tour should contact MKH</p>	<p>Info</p> <p>DS</p>
10. St Boniface Landfill site	
<p>DS – Stated that he thought this was discussed at the last meeting, and will look back at the notes.</p>	MKH
11. Session closing and next steps	
<p>DO – Asked about how to dispose of propane tanks.</p> <p>DS – Responded that they can be taken to the 4R depot, to Miller Waste, or in the case of the larger tanks, to gas stations.</p> <p>DB – Asked how to dispose of items that may be painted with lead based paint.</p> <p>DS – Responded that it should be taken to the landfill</p> <p>The timing of the next meeting was discussed, and the group agreed it should fall in May, prior to Victoria Day if possible.</p>	Info

Action Items	
<ul style="list-style-type: none"> Find out more seeding (type of seed used, company conducting work) and report back to the group. <p><i>Action Completed:</i></p> <p><i>The composition of the seed is:</i> 30% Slender wheat grass 15% Canada Wildrye (30%a Ultracoat) 15% Big blue stem 10% Northern wheat grass 5% Western wheat grass 5% Indian rice grass 10% Swith grass 10% Needle & thread grass</p> <p><i>The company doing the seeding is BPL Hydroseeding (DBA Night Train LLC), out of British Columbia.</i></p>	DS
<ul style="list-style-type: none"> Check what the reach of the radio station is to assess suitability for odour updates, and what might be possible in terms of online streaming for the same purpose; send a note to SB about what could be learned from Flin Flon. <p><i>Action Completed:</i></p> <p><i>The maximum range is 800 metres, and cannot be extended, as part of the licence with Industry Canada.</i></p>	DS
<ul style="list-style-type: none"> Provide information on the concrete being dumped that the St. Boniface landfill site, and whether it is construction debris being diverted from Brady. <p><i>Action Completed:</i></p> <p><i>The work is related to an existing company, Nelson River Construction. The company removes, reclaims and resells granular material at the site. It is not a City operation.</i></p>	DS
<ul style="list-style-type: none"> Find out, of odour complaints, how many of them do we know were from Brady vs agricultural activities/undetermined? All members of the group to get the My Waste app and provide feedback. Members were also asked to share the app with their networks. Take the idea of cameras to deter illegal dumping away for consideration and report back to the group. Group to report any illegal dumping that they encounter to the city to 311. DD to look at the livability notice, to see if it is possible to include information on tipping fee exception program for community groups. All members of group interested in a tour should contact MKH and include when they 	DS All DS All DD All

would ideally like a tour (i.e. in 2016 or at a later date in spring 2017).