



Water and Waste Department • Service des eaux et des déchets

Brady Road Resource Management Facility Community Liaison Committee

Meeting #12

Date: Wednesday, June 5, 2019 5pm - 7pm

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

Attending:

<i>DB – Darlene Boettcher</i>	<i>Citizen – Winnipeg (Charleswood)</i>
<i>SB – Sonja Bridges</i>	<i>Manitoba Sustainable Development</i>
<i>MC - Michael Carruthers</i>	<i>Ladco Company Ltd</i>
<i>WD – William Dowie</i>	<i>Green Action Centre</i>
<i>DO – Dave Olinyk</i>	<i>Citizen – Winnipeg (Richmond West)</i>
<i>CN - Christie Nairn</i>	<i>Office of Sustainability</i>
<i>JB – Janine Boulanger</i>	<i>Councillor – RM of Ritchot</i>
<i>GC – Gordon Carson</i>	<i>Citizen – Winnipeg (Fort Richmond)</i>
<i>GR – Geoff Reimer</i>	<i>City of Winnipeg – Solid Waste (Chair)</i>
<i>JN – Joanna Nickerson</i>	<i>Blueprint</i>
<i>MK – Michelle Kuly</i>	<i>Facilitator, Blueprint</i>

Regrets:

<i>SF – Shanleigh Forsyth</i>	<i>Citizen – Winnipeg (St Norbert)</i>
<i>RT – Robert Turski</i>	<i>Councillor - RM of Macdonald</i>
<i>GB – Grant Baker</i>	<i>Citizen – RM of Macdonald</i>
<i>MM – Martha Moffat</i>	<i>Citizen – RM of Ritchot</i>
<i>LS – Leanne Shewchuk</i>	<i>University of Manitoba</i>
<i>NS – Nada Suresh</i>	<i>Manitoba Sustainable Development</i>
<i>JS - Jeff Scott</i>	<i>Southwood Golf</i>
<i>MN - Myrrhanda Novak</i>	<i>Citizen – Winnipeg (South Pointe)</i>

Agenda:

1. Welcome, session opening & issues scan
2. Licence & committee purpose recap
3. Presentation
 - a) Landscaping and long-term site plan
 - b) Monitoring odour, noise and nuisance concerns
 - c) On-site improvements, seasonal and project activity
 - d) Reducing impact of landfill activities on local environment
 - e) Research partnerships and resource development
4. New business for discussion:
 - a) New solid waste manager
 - b) Pollinator information - submitted by GAC



5. New business
6. Session closing, action items review and next steps

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

1. Welcome, session opening & issues scan	
MK – Opened the meeting, reviewed the agenda and meeting guidelines. November 22 notes can be found on the website. Committee thanks to the past committee members for their time and contribution. Roundtable introduction of attendees and new members. Concerns: MC - Would like to talk about seagulls DB - Odour (South Pointe) caused former committee member from that area to move CN - Municipal composting and landfill gas	Info
2. License & committee purpose recap	
MK - review of committee purpose	Info
3. Landscaping and long-term site planning	
GR - Landscaping update. 'Brady Master Plan' to be shared with the group once the new manager/council has a chance to review. Reviewed how committee input had shaped landscaping plan initially. Originally significant budget had been allocated to some specific plans. Committee advised not to spend / plant all of the trees at once. Planting has been sequenced - still in the testing phase. 50% survival rate of the planted trees. Reviewed recent activity. Planted willows in the shelter belt gaps along the perimeter along with the north and west berms along the perimeter. Planted 900 shrubs along that belt this week. \$35,000 for the shelterbelt planting thanks to collaboration with naturalist branch (down from estimated budget of \$200,000). Will provide names of plantings in gaps to Committee DB – Was the gap in landscaping caused by trees not making it? GR - That and rough contractors / human impact.	Action
4. Monitoring odour, noise and nuisance concerns	
GR - Important to hear complaints. Received 14 complaints since last meeting. 12 originated from a single property. 9 cases determined not originating from Brady, based on wind conditions. WD – There aren't any permanent odour stations? GR – No. Landfill smells the worst based on air pressure - part of the landfill gas system is designed to keep odorous gas inside. Delicate balance to mitigate fire risk. GC – When you do your investigations do you get back to the original compliant? An	Info



Winnipeg

<p>important part to consider - getting back to folks who express issues.</p> <p>GR – Will find out the process re: whether there is follow up/closing the loop on the investigation with citizens who report nuisance issues and get back to the group.</p> <p>Described how feedback from last meeting re: closing or limiting odour-causing activity on holidays/special days (e.g. Mother's Day) had been addressed. As a result of feedback, city is attempting to shut down on holidays (Mother's Day) and looking at how to minimize operations on weekends. Currently open 363 days a year. Small commercial haulers are the biggest users on weekends - how might we accommodate that traffic without having the main tipping face open, which is where nuisance issues largely originate.</p> <p>DO – Solution may be just to curtail odorous activities on the weekend (moving compost etc.)</p> <p>GR – Landfill gas system update: City has applied to the low carbon fund (federal gov.) to secure funding to expand landfill gas expansion. Bird management - have a new contractor this year. Falconers are back onsite.</p> <p>MC – Last fall there was unusually high bird activity - birds congregating, issue with dozens of seagulls on roofs. Issue starts in March but was high all fall, into November. Typically activity is in the evening.</p> <p>DO – I also saw Kenaston north condos / 2 storey buildings with hundreds of seagulls at that time.</p> <p>WD – Suggest looking to airport for potential strategies/technology to keeping birds away. This is a danger of just displacing birds instead of dealing with the issue.</p> <p>GC – How effective are the falcons?</p> <p>GR – 20 falconers onsite - very effective management onsite; suggestions from the public in the past have included erecting old telephone poles to let native hawk / eagle species nest in the area and have a presence, however there are limitations to consider for endangered species given this is a landfill site. City will consider new/alternate strategies for fall 2019 to track and manage gulls, gauge displacement issue.</p> <p>DB – Land around Brady being developed - was that a change in activity (Brady) or a demand issue?</p> <p>MC – Development just grows organically / “follows the pipe”- if it doesn’t sell, it will be about price.</p> <p>DO – Builders/buildings in the 60/70s were ignorant to landfill gas. In 70’s they investigated the gas coming out of utility corridors and did some control work.</p> <p>Brady has an arbitrary 400m cut-off and has probably been managed because of the monitors (GR confirms it is around 90m now).</p>	Action
<p>5. On-site improvements, seasonal and project activity</p> <p>GR – New admin building almost at occupancy. Scheduled as a 250-day project - now 400+ days over. 2 weeks away from getting in the building. Propose next committee meeting in the new building.</p> <p>Annual compost giveaway event (May 5): Successful as usual. No security incidents - people were allowed to take what they wanted (unlike previous years). Class A compost and people love it.</p> <p>GC – How is that advertised? People didn’t know about it?</p> <p>GR – This year advertised on social media (Twitter, Facebook) and with news release, but no media coverage until event happened – in previous years media had provided early coverage. However, participation numbers were still double previous year without the extra advertising.</p> <p>CN – Called 311 because she was curious - they didn’t know anything about the giveaway and had no contact information for any of the depots.</p>	Info Action Action



GR – We provide them with specific details and information to pass along. The majority of their calls are garbage and recycling related. Will bring up the 311 issue with the collections folks. Troubling because they are the biggest customer.

WD - My waste app didn't push it. Websites obsolete unless you're researching. Push notifications are helpful.

6. Reducing impact of landfill activities on local environment

GR – Biosolids are one of the most challenging things at the landfill. Biosolids are leftover remnants of the waste water collection that come out of the north water treatment plant. Two options to deal with them at Brady: Compost or put into the active tipping face. If put into the tipping face it requires a lot of resources and space and creates odour and attracts birds. Biosolids composting doesn't consume as much as Brady would like.

New option to fabrication soil with biosolids at Summit Landfill site has been very successful, and has the potential to divert biosolids for 11 months/year. With this approach, the City can significantly reduce the biosolids deposited on the tipping face, which has a huge positive impact, reducing open space required for tipping face, reducing odour, birds, etc.

Current soil fabrication operation at Summit Landfill: 8 months/yr diversion of biosolids.

Primarily use a windrow system. Testing different 'recipes' to find the best way to compost biosolids. Windrow - lay a base of woodchips / biosolids and then lawn waste/leaves and let it 'cook' and then process (end result usable compost and soil). Trying to get the recipe right to be a marketable product but not quite there yet.

GC – Is there a danger of chemicals in the biowaste compost?

GR – No, it is for use onsite. When Summit Landfill closed they had no permanent vegetative cap to keep gases in and rain out, it was left in poor shape. Study showed it would cost \$20 million to cap this site – City asked is how can we address this without spending that much money, and soil fabrication is now addressing it. Street sweeping diverted to summit, wood chips from trees being cut due to disease - enough to absorb the biosolids; there are 8-9 hectares covered currently and test plantings with native prairie grass. Soil fabrication in winter was a challenge, which has been addressed with a 'biosolid tacos' approach - wood chips on either side, biosolids in middle and street sweepings on top and can sit all winter. Budgeted \$200K to turn the windrows - winning bid at \$35K, significant cost savings. Saving millions on street cleanup disposal, tree cleanup etc. Win for all parties involved.

WD – A good success story to document.

GR – This is a good news story that comes back to Brady.

DC – Citizens of the city like to see what's happening / efficiencies.

GR – Biosolids Land Application Program – for agricultural lands. This is another means of dealing with biosolids. This was the subject of public consultations. Currently there is more demand than biosolids to spread - currently in phase 3 - 20,000 tonnes/year that isn't going into Brady.

JB – These biosolids are being used on farmland? I thought it couldn't be used.

GR – Product coming out of north end plant is fairly consistent without pathogens and can be used. Pathogen analysis was done and concluded that the material can't be sold to the public but is fine for land application as currently conducted.

7. Research partnerships and resource development

GR – Landfill Gas discussions ongoing. U of M interested as a potential heating source for campus. Hydro - potentially converting to electricity. Initial numbers = enough energy to power North End Plant.

DB – What is holding it back? We've heard this for years?

Info



GR – Competing interests and it is expensive to clean that gas up so that you can use it (20 million).

WD – Are you allowed to sell an energy source (regulations?)?

GR – Yes, in terms of property rights - legal opinion says yes. We are producing it and it is ours to do with as we may. Own gas but couldn't see the credit as an offset. Expensive resource to develop.

8. Old Business

MK – Parking Lot items:

1. New Entrance (Waverley) - South perimeter highway interchange public engagement recently conducted. Plan to close off entrance to Brady at Perimeter Hwy and moved to the entrance of Waverley (service road) - no right in or out at Brady.

DO – Concerns around condition – gravel.

GR – It will be paved. Consideration was given to the heavy vehicles that use the road.

2. Recycling poster colours – Committee noted issue with colours all being the same on the City's recycling posters no matter if they were "yes" items that could be recycled or "no" items that couldn't be recycled – particularly problematic for non-english speakers/readers. Thanks to committee changes are being made to the colour scheme to make it more intuitive which are recyclable and not.

3. Residential composting – Expensive program, many moving parts: need all season building to operate in the winter; 2026 current collection contract expires (question of deploying smaller waste collectors); etc. The pilot will engage different neighbourhoods to judge participation rates. Reference point within Manitoba - Steinbach tried composting and only 10% of folks participated. However, conversation has changed around organics since it was last raised in the City.

8. New business

a) New solid waste manager

GR – Started 3 months ago - comes from the private sector.

Info

b) Pollinator information - submitted by GAC

WD – A lot of stuff happening in the US with derelict roads etc. and conversion to become pollinator right of ways. Wildflowers and shrubs should be considered as part of Brady landscaping plan.

Info

10. Session closing, action items review and next steps

Next meeting to be scheduled in October/November.

Action items:

- WD suggests renaming agenda item "odour, noise and nuisance" to "nuisance" - inclusive of other issues like seagulls, litter etc.
- Provide names of native species planted in the perimeter gaps to Committee
- Will find out the process re: whether there is follow up/closing the loop on the investigation with citizens who report nuisance issues and get back to the group.

Facilitator

City

City



<ul style="list-style-type: none">• Will bring up the 311 issue (i.e. lack of info on compost giveaway, etc) with the collections folks.• Investigation into fall 2018 evening seagull influx; possible coinciding with contract end; Ladco and CoW to connect further on seagull possible solutions.• Investigate possibility of holding next committee meeting (Oct/Nov) at Brady, with possible tour.	City MC/City City
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