



**Water and Waste Department • Service des eaux et des déchets**

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

**Meeting #18**

**Date:** Tuesday, June 14, 2022, 4:45-7:00 pm

**Location:** Water and Waste Department, 1120 Waverly (Meeting Room 3)

**Attending:**

MC - Michael Carruthers	Ladco Company Ltd.
LC - Lia Cote	Green Action Centre
JG - Jason Greenall	Citizen – RM of Ritchot
DB - Darlene Boettcher	Citizen – Winnipeg (Charleswood)
JF - Jacquie Field	Citizen – Winnipeg (Fort Richmond)
MN - Myranda Novak	Citizen – Winnipeg (South Pointe)
SP - Shane Pelletier	Councillor – RM of Ritchot
AM - Allison MacIntyre	Zero Waste Coordinator, University of Manitoba
SB - Sonja Bridges	Environment Officer, Province of Manitoba
CK - Chris Kozak	Presenter, City of Winnipeg
MK - Michelle Kuly	Blueprint, Facilitator
SBO - Sonia Busca Owczar	Blueprint, Note taker

<b>Regrets:</b>	DO - Dave Olinyk	Citizen -Richmond West
	CB - Cole Braden	Citizen-RM of Macdonald
	JS – Jeff Scott	Southwood Golf
	RT – Robert Turski	Councillor, RM of Macdonald

**Agenda:**

1. Session open, purpose, and issues scan
2. Presentation and Discussion
  - a) Covid 19 Impacts
  - b) Landscaping Plan
  - c) Long-term site development
  - d) Odour, noise and nuisance management
  - e) Site improvements, seasonal project activity
  - f) Reducing impact on the environment
  - g) Research partnerships and resource development
3. New business and items for discussion
4. Session Closing, action items review and next steps
5. 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:**

<p><b>1. Introductions Session Open, Purpose and Issues Scan</b></p>	
<p>MK – Opened the meeting, reviewed agenda and meeting guidelines.  This was the first in person meeting since covid restrictions have been in place.  Notes and presentation from the last meeting of December 6, 2021 are available on the website.  Welcome to Allison MacIntyre, the new member from the University of Manitoba.  Welcome to Lia Cote, alternate representative attending for Green Action Centre.  Purpose of the committee and meeting guidelines were reviewed.  All went through a round of introductions and status updates.</p>	<p>Info</p>
<p><b>2. Presentation and Discussion</b></p>	
<p><b>Impact of Covid on Brady</b>  Brady has maintained full site operations during the pandemic without disruptions.   Covid safety protocols remain in place.   Residential volumes have now returned to normal.   There is currently an active police investigation on site.   <b>Landscaping and Long-Term Site Planning</b>  The construction of service road <i>Ethan Boyer Way</i> has expropriated some land and the department continues to work with the Province to replace trees.   City of Winnipeg naturalists continue to monitor the success of the trees and shrubs planted on the lime-mud berm. An additional 187 shrubs and trees have been planted on the lime-mud berm.   For background, lime mud berms were created from old sugar beet plant material to provide a visual buffer.   Native prairie grasses and native flowers are most effective on harsh landfill conditions. Cell 30 has now been seeded with prairie grasses.   City of Winnipeg naturalists consulted on the plan to landscape the grounds around the administration building with native shrubs. This plan is now complete.</p>	<p>Info</p>

The 4R depot continues to receive positive feedback from the public.

Work is underway to create a better buffer to the north to make it more aesthetically pleasing. In response to action item from previous meeting, None of the native cherry trees/shrubs are fully resistant to black knot fungus. The sand cherry is fairly resistant; however, the native chokecherry is more susceptible. Thankfully none of the native species are as susceptible as the cultivated 'Schubert' chokecherry which was planted widely as a boulevard tree and what the City has had to remove in a lot of areas. Even though the native chokecherry can become infected we still consider it an important species to include in our habitat plantings as it provides a valuable early season pollen/nectar source for bees and later season fruit for birds. By including a wide diversity of tree/shrub species in our plantings we minimize the chance of having any serious infestation issues.

#### **Odour, Noise and Nuisance Management**

Only one odour complaint has been received since last meeting.

The high rain fall has helped maximize the landfill gas system. Having the earthen cap hydrated helps with odour reduction as this minimizes cracking in the cap preventing fugitive emissions coming from the cap and allowing the landfill gas system to do its intended job.

The use of a spray-on sealant called Posi Shell (clay binders mixed with water) is being explored as an alternative to daily clay cover to help control odour caused by fugitive emissions.

Litter control has been difficult, particularly due to litter caused by single use plastic. Litter pickers have been actively trying to control litter especially on the north side.

Storm water ponds are requiring more management due to higher-than-average rainfall this spring.

The landfill was closed for the first time since 1997 for 2 days during the mid-April storm.

JG -How thick does the layer of Posi Shell need to be?

CK-There are manufacturer's recommendations but the City is experimenting with the right amount for the site. This product is less labour intensive than the current clay cover practices.

MN- There was discussion in previous meetings about how activities at Brady could be coordinated to best reduce odour during holidays where people are more likely to be outside, i.e., Canada Day, Mother's Day.

CK- Many high odour items are less likely to be delivered to Brady during public holidays.



<p><b>ACTION:</b> MK will review past minutes to identify what action was taken on the suggestion to align odour management practices to public holidays or times when people are most likely to be celebrating outside.</p> <p>DB- Clearing a home after someone's death revealed a gap in information about where to dispose of some items.</p> <p>The Recyclopedia website was suggested as a resource by City officials, but does not provide information on many items found in a home, i.e., clothes, items with mixed composition.</p>	
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<p><b>Site Improvements, Seasonal Project Activity</b></p> <p>The new service road access to Brady, <i>Ethan Boyer Way</i>, is in full use. The road has added no extra time if coming from east, and requires slightly more time if coming from the west. Not too many complaints have been received.</p> <p>Hours of operation will be posted right on the road before entry into the site to reduce confusion.</p> <p>The service road is expected to increase safety coming into the site.</p> <p>Cell 33 was finished and operational in the fall of 2021.</p> <p>Cell 34 will be next to start in a new area and that will be compliant with new regulations.</p> <p>Still actively filling in cell 32.</p> <p>AM- What is the life span of each cell?</p> <p>CK- About 2 years. There is an expected 100 plus years still of capacity in the site overall.</p> <p>MN- Suggested that activity on Area B be started on the south side, furthest from Perimeter Highway. Also suggested this be paired with early landscaping at landfill border to ensure tie for growth of mature trees as a visual barrier <i>before</i> activity moves closer to the perimeter.</p> <p>CK clarified that councillors do not vote on site development decisions, but have influence over its development. It is the role of city administrators to make decisions about site development.</p> <p>Charette road is paved and the road northbound off Charette will be paved. This helps with controlling dust and is more durable for traffic.</p> <p>The curbside yard waste collection season started May 9 (week A) and May 16 (week B).</p> <p>The switch to summer hours of operation occurred on May 23, 2022.</p>	<p>Info</p>
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Both of these are slightly later than usual due to weather conditions this year.

**Reducing Impact on the Environment**

More landfill gas wells are online in new areas of the site. There is now a total of 83 wells collecting and flaring gas. This approach is less harmful to the environment since methane is 29 times more potent than Co2.

Currently, horizontal collection lines are being used in new cells to maximize efficiency. This will be described in more depth at the site tour.

Each of the landfill gas wells has a pneumatic pump to help dewater the site and maximize gas collection.

8-10 trucks a day are hauling water to the water treatment plant. Each truck carries 30,000 litres of water.

Leachate is hauled all year long to maintain the required level of leachate on the bottom of the liner, but high precipitation this year is the reason for increased leachate disposal this year.

**Research Partnerships and Resource Development**

Two proposals have been submitted to explore the beneficial use of landfill gas.

Proposal 1 is to sell the raw resource landfill gas to Integrated Gas Recovery Services (IGRS) who would process Renewable Natural Gas (RNG) and distribute it thru Centra Gas Manitoba to interested end users.

Proposal 2 is to sell raw resource landfill gas to IGRS who would then process and sell treated LFG to the University of Manitoba.

Council approved option 1.

Staff is looking for more grants to further lower overall costs of this project. Sold gas will create more capital for the city.

Delivery of this project is still a couple of years away.

**ACTION-** A link to the study will be provide with the minutes

JF- What happens to residue from the cleaning process?

SB- A licensing proposal would be required.

**3. New Business and Items for Discussion**



<p>Residential Food Waste (compost) Collection Pilot Project with 4,000 homes continues until the end of September 2022. Lessons learned from pilot will inform Council on a municipal organic waste program.</p> <p>The program is collecting 8-10 metric tonnes a week right now.</p> <p>A new gore cover system was rented to manage 150 tonnes of combined food and yard waste for 8 weeks at a time.</p> <p>Compostable bags are being included in the pilot residential food waste project.</p> <p>JF- What is the time line on this project?</p> <p>CK- A full report will be brought to the new Mayor and Council by the end of this year with a decision expected by early 2023.</p> <p>JF-How many new units of the gore system would be required for the whole city?</p> <p>CK- It's unclear exactly how many at this point, but the current composting operating space would likely need to be doubled.</p> <p>JF -Will roll-out of the program be done incrementally?</p> <p>CK- This is yet to be determined.</p> <p>SB-This is reaching the end of the 2-year pilot period. What is the feedback so far?</p> <p>CK- Feedback is positive but participation is not uniform across all test sites. Different proposals are being worked up to increase participation in those sites.</p> <p>It was recognised that Winnipeg is one of the last Canadian cities to have a compost program. As part of the pilot, data is being collected to understand the perceptions of participants.</p> <p>SB- a lot of public education will be required to make this program a success.</p> <p><b>ACTION-</b> CK will invite Diversion/Recycling coordinator to the next CLC meeting to give more details on the food waste pilot, including overall participation rate.</p> <p>Compost give-away event occurred at three locations, on May 13-15 for people to take away compost blended with soil. Compost is used at the Brady site, by other city departments, donated to community gardens, and sold to local landscapers.</p> <p>Spring Giveaway Weekend occurred on May 14-15 and continues to be popular with the public.</p>	Info
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4. Session Closing, Action Items Review and Next Steps	
<p>MN- would like to discuss the marketing methods used by the City to promote recycling. Has there been an impact on recycling behaviour due to these approaches?</p> <p><b>ACTION</b> Chris will invite the Diversion/Recycling Coordinator to the next Community Liaison Committee meeting to give more details on recycling marketing methods and data on impact on recycling behaviour due to these approaches.</p> <p>JG- has noticed unwanted items dumped on Waverley, likely from those that did not make it to the Brady site or want to pay tipping fees. Who is responsible for addressing this?</p> <p>CK- The best approach is to contact 311 to report.</p> <p>LC and others suggest that consideration be given to expanding what is collected at the 4R depot, including furniture. A one stop shop for a number of items would simplify matters for the public. For example, car seats need to be brought to one location on Plessis Road. This requires high motivation on the part of the public.</p> <p>AM- Core Renewable Energy Inc has contacted the U of M to buy waste to incinerate it. Is the City considering this approach?</p> <p>CK- The City is not engaging with this type of enterprise.</p> <p><b>Action from last meeting</b></p> <p><b>ACTION DEFERRED</b> Tour of Brady facility - deferred to fall when site conditions have improved</p> <p><b>ACTION COMPLETED</b> Landscaping and vegetation - discussed today</p> <p><b>ACTION</b> Michelle will check in with the committee over the next few months to determine the best time for meetings, now that they are back in person.</p> <p><b>ACTION DEFERRED</b> Video production about 4R/recycling - timeline is still pending.</p>	<p>Info</p>



<p><b>Actions Arising</b></p> <p><b>ACTION</b> MK will review past minutes to identify what action was taken on the suggestion to align odour management practices to public holidays or times when people are most likely to be celebrating outside.</p> <ul style="list-style-type: none"><li>• Nov 2018 this suggestion was raised and noted in the <a href="#">meeting minutes</a> (linked)</li><li>• June 2019 a report back was made to the committee on action being taken on their recommendation; this was noted in the <a href="#">meeting minutes</a> (linked). Specifically:<ul style="list-style-type: none"><li>○ 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</li></ul></li></ul> <p><b>ACTION</b> CK will provide a link to the landfill gas beneficial use study in the minutes: <a href="http://clkapps.winnipeg.ca/DMIS/permalink.asp?id=A20220324(RM)C-90.pdf">http://clkapps.winnipeg.ca/DMIS/permalink.asp?id=A20220324(RM)C-90.pdf</a></p> <p><b>ACTION</b> CK will invite Diversion/Recycling coordinator to the next CLC meeting to give more details on the food waste pilot, details on recycling marketing methods and data on impact on recycling behaviour due to these approaches, including overall participation rate.</p>	
<p><b>5. Adjourn</b></p>	