



Water and Waste Department • Service des eaux et des déchets

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

Meeting #23

Date: Wednesday, October 8 2024, 5:00-7:00

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

Attending:

<i>HS – Heather Stark</i>	<i>University of Manitoba</i>
<i>DO - Dave Olinyk</i>	<i>Richmond West</i>
<i>SB - Sonja Bridges</i>	<i>Environment and Climate Change, Prov of MB</i>
<i>JF - Jacquie Field</i>	<i>Fort Richmond</i>
<i>SP - Shane Pelletier</i>	<i>RM Richot (elected)</i>
<i>MN - Myrrhanda Novak</i>	<i>South Point</i>
<i>WD - William Dowie</i>	<i>Green Action Centre</i>
<i>JG - Jason Greenall</i>	<i>RM Richot</i>
<i>MC – Mike Carruthers</i>	<i>Ladco</i>
<i>CK - Chris Kozak</i>	<i>City of Winnipeg Superintendent of Operations</i>
<i>MCM – Melissa Chung-Mowat</i>	<i>Facilitator, Blueprint Inc</i>
<i>SBO - Sonia Busca Owczar</i>	<i>Note taker, Blueprint Inc</i>

Regrets

<i>Michelle Kuly</i>	<i>Blueprint Inc</i>
<i>Darlene Boettcher</i>	<i>Charleswood</i>
<i>Doug Dobrowski</i>	<i>RM Macdonald</i>
<i>Glen Irvine</i>	<i>RM Macdonald (elected)</i>

Agenda

1. Land & water acknowledgement
2. Welcome, committee purpose recap & issues scan
3. Standing Updates
 - a) Odour, noise and nuisance monitoring results & updates
 - b) Site improvements, seasonal & project activity
4. Special Topic: Landscaping & “Area B” Development
 - a) Historical context
 - b) Opportunities and limitations
 - c) Committee discussion - context and objectives
5. New business & action item review
6. Close 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: Meeting began at 5:05

1. Land and Water Acknowledgement
Winnipeg is located in Treaty One Territory, the home and traditional lands of the Anishinaabe (Ojibwe), Inineu (Cree), and Dakota peoples, and in the National Homeland of the Red River Métis. Our drinking water comes from Shoal Lake 40 First Nation, in Treaty Three Territory.
2. Meeting Opening, Purpose, and Issues Scan
<p>Purpose of the Committee is to provide advice on:</p> <ul style="list-style-type: none"> - landscaping plan at Brady, - extent of noise and odor monitoring, - measures to mitigate impact of construction and operational activities on local environment <p>Review of Meeting guidelines:</p> <ul style="list-style-type: none"> -Participation and active listening -Kindness and respect for reach other -Focus: use of parking lot
3. Standing Updates
<p>a) Odour, noise and nuisance monitoring results & updates</p> <ul style="list-style-type: none"> • Received 35 odour complaints since our last meeting. Most complaints occurred in June due to high precipitation. • Trend graph shows complaints declining since 2022, but not as low as 2020 (see presentation slide deck). <p><i>MC</i> - Staff remarked anecdotally that odor was worse this year. <i>CK</i> – High precipitation followed by high temps and some operations carried out at the landfill during that time may explain greater odour.</p> <p><i>MN</i> - Why does odour continue into the evening? <i>CK</i> – The landfill receives waste into early evening and work continues until 8 pm. Odour may take some time to disperse.</p> <p><i>WD</i> - Does odour occur during mechanical intervention or does precipitation exacerbate it? <i>CK</i> - lots of rain causes potential to expose buried waste and also makes it more difficult to get to some areas.</p> <p><i>JG</i> - Is freshly dropped off garbage causing the odour, or is the older, fermenting material? <i>CK</i> - Both. Heat always exacerbates the odor. There may be some cap deficiency that cause odour too.</p> <ul style="list-style-type: none"> • Litter control continues <ul style="list-style-type: none"> – Using wind fencing – New Directions and Siloam Mission helping with litter picking onsite • Using intermittently alternate daily cover by using a spray on product called Posi Shell (clay binders mixed with water). Just received a storage tank that will help get the posi shell to site sooner. <p><i>JF</i> – Is litter improved now that the use of single use plastic has diminished. <i>CK</i>- yes, a little, but not a large impact yet. There are still lots of plastic bags flying around.</p> <p><i>DO</i> – Were the high winds in recent weeks a problem? <i>CK</i>- we worried about spontaneous combustion in the compost facility which can occur from wind drying the soil and increasing O2. Proactive measures were taken to prevent issues, including regularly watering the compost windrows and closely monitoring activity.</p>



WD – Did the wind fences remain secure during the strong winds? *CK* - Yes, need to stay on top of monitoring them.

b) Site improvements, seasonal & project activity

- Cell 34 construction finished and operational at the beginning of December 2023.
- About another year and a half of capacity in cell 34.
- 2024 curbside yard waste collection was planned to end October 28th for week A, November 4th for week B. It will probably be extended to early November due to warm weather and lots of leaves still on trees.
- We will switch to winter hours of operation on November 4th, 2024.
- Compost giveaway was May 10th to 12th, 2024. We gave away 700 metric tonnes to approximately 10,000 customers.
- Plan to repeat this next year as it is well supported by residents, with line ups at some locations.
- The site produces close to 25000 metric tonnes in total. All but the 700 metric tonnes for the give-away is sold.

MC – How do community gardens access compost? *CK* - they can call 311 and arrange for pick up.

Delivery services for community gardens is cost prohibitive.

WD - Please convert 700 tonnes to cubic yards for next time.

DO - How many cells in Area B? *CK*- 15-17 cells, which are typically designed for 2-year capacity each.

- Area B will start in southwest corner. This is in part due to the committee's suggestion that development work from south to north to develop a shelter belt for the growing neighbourhoods in the north.

Landscaping and long-term site planning

- Shelter belt planting of hybrid poplars and willow completed June 2024. These species have shown the greatest rate of survival so far.

WD - Please provide Latin names of vegetation being discussed.

4. Special Topic: Landscaping & "Area B" Development

- RFP No. 309-2024_ Design and Construction Area B at BRRMF (see slides for Site Map). AECOM was the successful bidder.
- AECOM will design the first cell including a leachate collection system and ensure road access and other infrastructure. They will look for efficiencies regarding drainage medium materials, landfill cover to manage odour, and gas capture.
- Some of the shelter belt was destroyed during the construction of the service road. We continue to work towards re-establishing it.
- Area B has about 25 years capacity.
- Overall, Brady has about 100 + years capacity left with current waste diversion patterns.

DO - how many bids submitted? *CK*- 4

Historical Context

DO - The *CLC* encouraged diversification of plants and trees at the start. There was mixed success due to harsh conditions. The concern about soil coming out of lime berms would not be tree-friendly bore true.

CK - Less than 1 % of trees planted have survived. Reasons include: weather and predation; moisture not available re higher altitude; no shelter; slopes dry out faster; area is difficult to access to water; extremely high pH level in soil. More growth medium might be helpful. Of the 30 trees and 10 species planted on the north side only the poplar survived (but have not thrived).

DO - Maybe terracing would help.



WD - Sdd plastic crates like those that are going under sidewalks. With climate migration shifting zones, might be useful to look at zone 4 or 5 soils.

Opportunities and Limitations

CK - Looking for input for Area B landscaping-planning for the next 30 years.

CK - Native prairie grasses are growing better than the trees. Planting native flowers could be further explored.

CK - Further evaluation of what is doing well on site would be useful.

JF - Grasses could be visually appealing and can grow quite tall.

WD -10 years ago, there was no drone seeding- drones are now being used for prairie reseeding. This is vanguard technology that would solve accessibility issues.

MC - Re-seeding prairie requires maintenance and take about 5 years to show good results.

DO - Where on the north side of Area B is the grade going to start? *CK*- staff looking for feedback from committee on this. Lime berm has proven difficult of work with, but to dispose of it differently would be cost prohibitive.

Committee Discussion – thoughts and ideas regarding the development of Area B

-Create a litter trap before the outside berm.

-Consider brick fencing like a sound barrier wall that could also host local murals.

-Consider planting evergreen trees between the site and the perimeter to provide a year-round barrier.

-Use terracing as a strategy.

-Explore planting between chain link fence and service road.

-Add more growth material on top of lime berms.

-Focus on grasses which seem to do better.

-Catalogue what is currently growing.

-Plant trees in native soils north of berms.

-Plant along north side service road that the Province no longer uses.

-Use NW portion of lime berm to pilot what might work before planting the priority areas of the north section.

-Develop the research potential of the site in collaboration with the university. This could attract Masters or PhD students in engineering or soil science:

- Prairie soil remediation/global experience with remediating high pH soil.
- Consider partnership with Mitacs, whose mandate is to foster innovation through partnerships between academics and governments or industry. There could be funding opportunities through this organization.



Final thoughts:

JG - If it's hard to get something to grow on the lime berm, lets plant around it, and off it.

MN - We didn't talk about land fill gas capture and sale today. *CK*. Change in provincial government has slowed progress for now. This project is likely more than 2 years away.

JF - Reiterating the need for a video of the landfill and recycling facility for public education purposes.

MC – Are there still falcons breeding on the site. *CK*-yes. Large families of bald and golden eagles are also on site in higher density than in other areas. Starting to use drones to discourage sea gulls and other nuisance birds.

SP - Is the GCL liner is sourced locally? *CK* -Yes.

WD - If green bin program is city wide is it easier to manage putrid material separately from mixed garbage? *CK* - Yes, it will also help with odor.

WD - Can Brady handle all the organics showing up at landfill. *CK*-yes. Development of diversion programs might have been slower to start because we have a lot of capacity of the site.

HS - The U of M is interested and is invested in organics diversion, and GHG emissions tracking. Heather can help make a contact with researchers to assist projects being considered at Brady.

JF - Is there anything that the committee can do to put pressure on the City of Winnipeg to accelerate the household diversion program. *CK*- Plans are now underway and the project is likely moving as fast as it can at this time.

WD - The City should include the Green Action Centre and Compost Winnipeg via links on their website to give residents the information they need for waste diversion.

5. New Business and Action Item Review

Actions arising from today's meeting

- Convert 700 tonnes (amount from compost give-away) to cubic yards for next time
- Provide names of plant species in Latin as well as their more common names

Actions arising from last meeting (Complete)

- The Composting Hot Line has been discontinued due to cost saving measures and is unlikely to be brought back.
- In depth discussion about landscaping. Table to Fall 2024 Meeting (COMPLETE – tabled at today's meeting).
- Maps have been improved and added to the slide deck for this meeting.

Actions to be Carried Forward

- Invite City Councillors as guests for specific topic that might be of interest to them. (There is interest in meeting with Councillor Duncan who is the recent appointee as Chair of the Water, Waste and the Environment Committee).
- Presentation from the Office of Sustainability. Table to 2025.
- Review CLC membership after more detailed assessment of population growth in the Brady catchment area. Table to 2025.
- Frequency of CLC meeting will be maintained at twice per year. Tour of the site will occur every 2 years. (Create multi-year meeting and tour schedule).
- CLC to have more fulsome discussion on the production of an educational video, and produce a report



with recommendations, options and strategies that can be shared with City of Winnipeg corporate communications.

- **Next meeting date:** Wednesday May 7, 2025
- **Group prefers the 1120 Waverly location**
- **Next Committee tour date:** Spring 2026
- **Special tour group requests:** Any groups interested in tours – contact Chris.

6. Close and adjourn at 6:55 pm