



Water and Waste Department • Service des eaux et des déchets

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

Meeting #4

Date: Thursday June 11, 2015

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

Attendees:

GB – Grant Baker	Citizen – RM of Macdonald
MC – Michael Carruthers	Ladco Company Ltd
DB – Darlene Boettcher	Citizen – Winnipeg (Charleswood)
SF – Shanleigh Forsyth	Citizen – Winnipeg (St Norbert)
SB – Sonja Bridges	Manitoba Conservation and Water Stewardship
AW – Anna Weier	University of Manitoba
DO – Dave Olinyk	Citizen – Winnipeg (Richmond West)
KS – Kim Sysa	Citizen – Winnipeg (South Pointe)
MM – Martha Moffat	Citizen – RM of Ritchot
CW – Corinne Webb	Councillor – RM of Ritchot
JZ – Jason Zhu	Citizen – Winnipeg (Fort Richmond)
DS – Darcy Strandberg	City of Winnipeg – Solid Waste (Chair)
IS – Irv Slike	City of Winnipeg – Solid Waste
MKH – Michelle Kuly Holland	Facilitator, FPS
ES – Etoile Stewart	Notetaker, FPS

Regrets:

JS – Jeff Scott	Southwood Golf & Country Club
RT – Robert Turski	RM of Macdonald
WD – William Dowie	Green Action Centre
IH – Ian Hall	University of MB

Agenda:

1. Session opening & participants objectives
2. Standing items for update, discussion:
 - a. Short-term landscaping plan update
 - b. Lime mud berm construction update
 - c. Seasonal & project updates (Winter/Spring)
 - d. Odour, noise, vector and nuisance concerns & updates
 - e. Leachate, surface water management concerns & updates
 - f. Access management, user experience concerns & updates
 - g. Research partnerships and resource development
 - h. Long-term site planning

3. New items for discussion:
 - a. Leaf and Yard Waste
4. Session closing and next steps

Meeting Objectives:

- Receive update on activity, projects and programs at Brady
- Identify issues or operations at Brady and measures to mitigate them
- Identify options, key considerations and factors to support use of leaf and yard waste compost

<p>1. Session opening & participants objectives</p>	
<p>MKH: Opened the meeting. Round table introductions were made. The committee purpose was reviewed. Action items from the previous meeting were reviewed. Meeting minutes and presentation are available on the project website. MKH: Reviewed the agenda and meeting guidelines. MKH invited participants to identify any personal objectives, questions for the meeting. No additional agenda items were added. DB – Thanked Irv for an excellent tour of the Brady site. DS – Asked DB whether her experience on the tour was different than participation on previous tour? DB – Could appreciate more because it wasn't freezing. Composting facility is incredible. Methane recovery is phenomenal. Wants school tours to happen so kids can see what is possible, tie to science learning. Is interested in seeing what opportunities for this might be possible with City. SB – Excited to see 4R depots. CW – Remarked about flaring gas. MKH parked for later in agenda. SF – Would like to know more about what happens to heavy metals in biosolids/use of compost. MKH/DS parked this item for later on the agenda.</p>	<p>Info</p>
<p>2. Short-term landscaping plan update</p>	
<p>DS/IS – Update on the short-term landscaping plan – RFP closed on May 14. CLC feedback was incorporated in RFP criteria. 2015 budget is \$140K. Long-term plan is to deal with all involved at City to create strategic plan to put long-term landscaping plans into place. KS – Is budget for both labour and material? DS – Yes. DS – The climate is unique in Winnipeg. Want to start planting slowly in order to be sure to do it right the first time. Will include grass.</p>	<p>Info</p>

3. Lime mud berm construction update	
<p>DS – Phase 1 berm construction continues on Waverly, adjustment being made to increase berm height.</p> <p>Phase 2 has started with stripping along west side Brady Rd. and bringing in lime mud. Rain has caused some slower excavation.</p> <p>SB – How much lime mud is being moved?</p> <p>DS/IS: Approximately 500,000 cubic metres.</p>	Info
4. Seasonal & project updates (Winter/Spring)	
<p>DS – Manitoba Infrastructure and Transportation (MIT) is doing work on Perimeter Highway near Brady. City negotiated and received 6,000 tons of asphalt millings from MIT. Will be used as road base and reduce dust on-site. Majority will be used at 4R Depot at Brady.</p> <p>AM – What would become of millings if City didn't get it?</p> <p>DS – MIT would have used it.</p> <p>DS – Leaf and yard waste continues to be collected and used. Amount collected increases every year – closer to 30,000 tonnes this year and are greatly exceeding what was expected. Expect it will continue to increase. Compost from leaf/yard waste must meet Canadian Council of Ministers of the Environment (CCME) guidelines. City looking at options for end use on composting. Options may be to give/sell to public, give it to City's Public Works (PW) for riverbank restoration or for City parks. Currently can use all compost produced onsite at Brady. Will be working on longer-term plan.</p> <p>DB – Asked a question regarding the temperature of compost pathogens. Would be good to know about whether trees with fungal material (e.g. black knot) can be composted.</p> <p>DS – Will put info on website/circulate to committee.</p> <p>DS – Traffic management on perimeter—no update from MIT re: preliminary design yet, in the meantime City continues to build cell on Brady, the second half should be complete within six weeks or so. Will look at next round of cell construction for 2016/17.</p> <p>DS – 4R depot expected to open at Brady in late September. City will run facility before before issuing and building next site at Pacific Avenue. This will allow for changes is construction/layout etc as learned from Brady operation. .</p> <p>DS – Biosolids pilot is up and running, producing 300 cubic metres of compost per week. Material can't leave site until stringent testing completed, will be used as final cover on Brady road. Summit and Kilcona landfills need major amounts of vegetative material - looking into soil manufacturing using sludge, wood chips and clay this would be saving for City to use sludge instead of purchasing top soil etc.</p>	<p>Info</p> <p>DS</p>

5. Odour, noise, vector and nuisance concerns & updates	
<p>DS – Have had relatively few calls re: litter. New fences are up, looking at placement, modifications to control litter, currently cleanup of site takes place three times per week. Once 4R depot is open residential tipping “face” will be closed and new cell used. As a result, anticipate litter will be greatly reduced.</p> <p>MM – People come up perimeter with uncovered loads and if there is a north wind it blows off.</p> <p>DS – Crackdown on uncovered loads is underway, fines will be imposed.</p>	Info
Meeting Break	
6. Leachate, surface water management concerns & updates	
<p>IS – Creating a dry pond to hold impacted water from Brady before it is released from site, three holding ponds should be finished by fall.</p>	Info
7. Access management, user experience concerns & updates	
<p>DS – There are new signs recently installed on Brady road and have also experimented with flashing highway sign which was helpful, looking at bringing it back, purchasing for site. There is a new sign for banned items at entrance of landfill (some items will be diverted to 4R depots). Signage requirement is part of licensing agreement.</p> <p>DB – Has any thought been given to confiscating banned items?</p> <p>DS – Tough to do. Are installing a radiation meter to detect certain banned items.</p> <p>DO – Suggested that some thought be given to including the biohazard symbol on sign.</p>	Info
8. Research partnerships and resource development	
<p>DS – Landfill gas – working with the Province.</p> <p>IS – Working with Hydro to explore financing and collecting landfill gas to support a 5-megawatt generator that would produce revenue based on current rates for electricity generated. ROI is about 5–7 years. Very attractive project since gas will be there for a long time. Hydro is interested in all of the energy that is available at Brady such as the 20,000 tonnes of wood that comes in each year. Opportunity to look at wood burning to provide electricity. Possibility of acquiring “Evaporating leachate machine” for \$1 million vs. \$2 million cost of transporting leachate off site. Want to try this machine to understand operating and maintenance costs etc. to look at on-site treatment.</p> <p>DO – Do you retain high-quality wood?</p> <p>DS – Yes. Wood Anchor on site reuses all that is possible – valuable commodity. The rest is chipped.</p>	Info
9. Long-term site planning	
<p>IS – Infrastructure master plan RFP, five firms responded. Award and project should begin in late summer. Will do detailed design for next cell (2016), look at long-term leachate collection efficiencies, and evaluate the date as to “how long will Brady last.” Plan is to look predominately what needs to be done re: disposal. First step toward</p>	Info

<p>developing a broader master plan and build Water and Waste capital plan around that. DS – Energy East. Nothing has changed waiting to hear re: intervener status and when NEB will be hearing from interveners. Concerns re: buffer zones and water supply. KS – Would be good to get more information from E.E. on pipeline. Is there an alternate route, or can the line be moved? Pipelines burst. What happens if our water is contaminated? Concerns could be comparable to oil spills on the California coast. DB – What about impact re: combustible materials at Brady? DS – Will find out what information is available or can be released.</p>	DS
<p>10. Leaf and Yard Waste</p>	
<p>Tabled to next agenda.</p>	MKH
<p>11. Session closing and next steps</p>	
<p>MKH: Reviewed personal objectives and requested group weigh in on whether these were met in the course of the meeting. Group consensus that a good update was received. Agenda was done thoroughly. Including info on 4R depot, flaring issues and biosolids composting and heavy metals. MKH – It’s been 1 year of meetings with the group. Asked group what has been helpful about meetings and committee process. MM – Very helpful to know there is a plan out there to improve the site. DB – Education piece is very helpful; so is format of meetings, very helpful and keeps us on track. MC – Good to have forum to ask questions and get answers. DO – Very impressed with expertise and perspectives amongst committee members. Down the road re: biosolids or leaf waste it would be good to have a tour of receptacle sites (Kilcona or Summit). DB – Committee is a very positive experience and good planning at Brady seems in keeps appearing in the news. MKH – Asked group what could be improved. KS – All the compost that is being developed is great - would be great to have the media profile what City is doing re; recycling etc. More of these successes needs to get across to the public. DS – City is using the Winnipeg Minute and trying to expand ways to deliver messages to residents. MM – Use schools to disseminate info. DB – Reiterated the need to do school tours, it’s all there re: science, sociology, things that kids get excited about. Winnipeg School Division has science consultants. Is there a City department that could coordinate? DS – Yes. It would be great to get wheels rolling.</p>	Info

Action Items	
<ul style="list-style-type: none"> • Provide CCME composting standards info for email circulation/posting to webpage. 	DS
<ul style="list-style-type: none"> • Bring info on whether trees with fungal material (e.g. black knot) can be composted to next meeting. 	DS
<ul style="list-style-type: none"> • Provide contact information for education/tour requests at next meeting. 	DS
<ul style="list-style-type: none"> • Determine what information on Energy East, implications for Brady site might be available and share with committee. 	DS
<ul style="list-style-type: none"> • Circulate meeting notes for approval via email before end of June. 	MKH
<ul style="list-style-type: none"> • RSVP for Thursday Sept. 24th meeting by Monday, Sept 14. 	All
<ul style="list-style-type: none"> • Table leaf and yard waste update/discussion to future meeting. 	MKH