

Brady Road Resource Management Facility

Community Liaison Committee
June 5, 2019

Brady CLC

Landscaping and Long-term Site Planning

- Brady Master Plan will be shared with the group once it's been received by Council and made public
- Working with Naturalist Services
 - planting willows to fill gap in shelter belt along the perimeter
 - north face to be covered with compost, seeded and planted with shrubs this spring/summer



Shelter belt plantings

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Odour, Noise and Nuisance Management

- Received 14 odour complaints since last meeting
 - 12 originated from a single property
 - In nine cases, determined not originating from Brady, based on wind conditions
- Adjusting activities on holidays to limit odours when people are outside
- Potential for landfill gas expansion
- Falconers back on site for bird management

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Site Improvements, Seasonal & Project Activity

- Construction of new administration building is almost complete
- Curbside yard waste collection for 2019 began April 29
- Third annual compost giveaway event was held on May 5
 - 530 cubic yards of compost was given away
 - 130 at Pacific, 170 at Panet, 230 at Brady
 - 2,743 customers were served
 - 612 at Pacific, 746 at Panet, 1,385 at Brady

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Reducing the Impact on the Environment

- Biosolids diversion
 - Diverting biosolids from the landfill for beneficial use
 - Reduces LFG, odour
 - Biosolids composting at Brady
 - Soil fabrication at Summit Landfill site
 - Wastewater land application program

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Biosolids Composting at Brady

- Diverts biosolids about eight months of the year, working towards year-round diversion
- Primarily use a windrow system, which can handle more biosolids than in the trial
- Testing different mixes (LYW, woodchips, elm wood, etc.) to find most efficient mix



Biosolids composting

A wide-angle photograph showing a long, straight dirt path that recedes into the distance. On both sides of the path are massive, high piles of dark brown wood chips or mulch. The piles are uneven and textured, with many small pieces of wood visible. In the far background, on the left side, a white, arched structure resembling a tunnel or a covered walkway is visible. The sky above is filled with heavy, grey clouds, suggesting an overcast day. The overall scene depicts a large-scale composting or mulch processing facility.

Biosolids composting

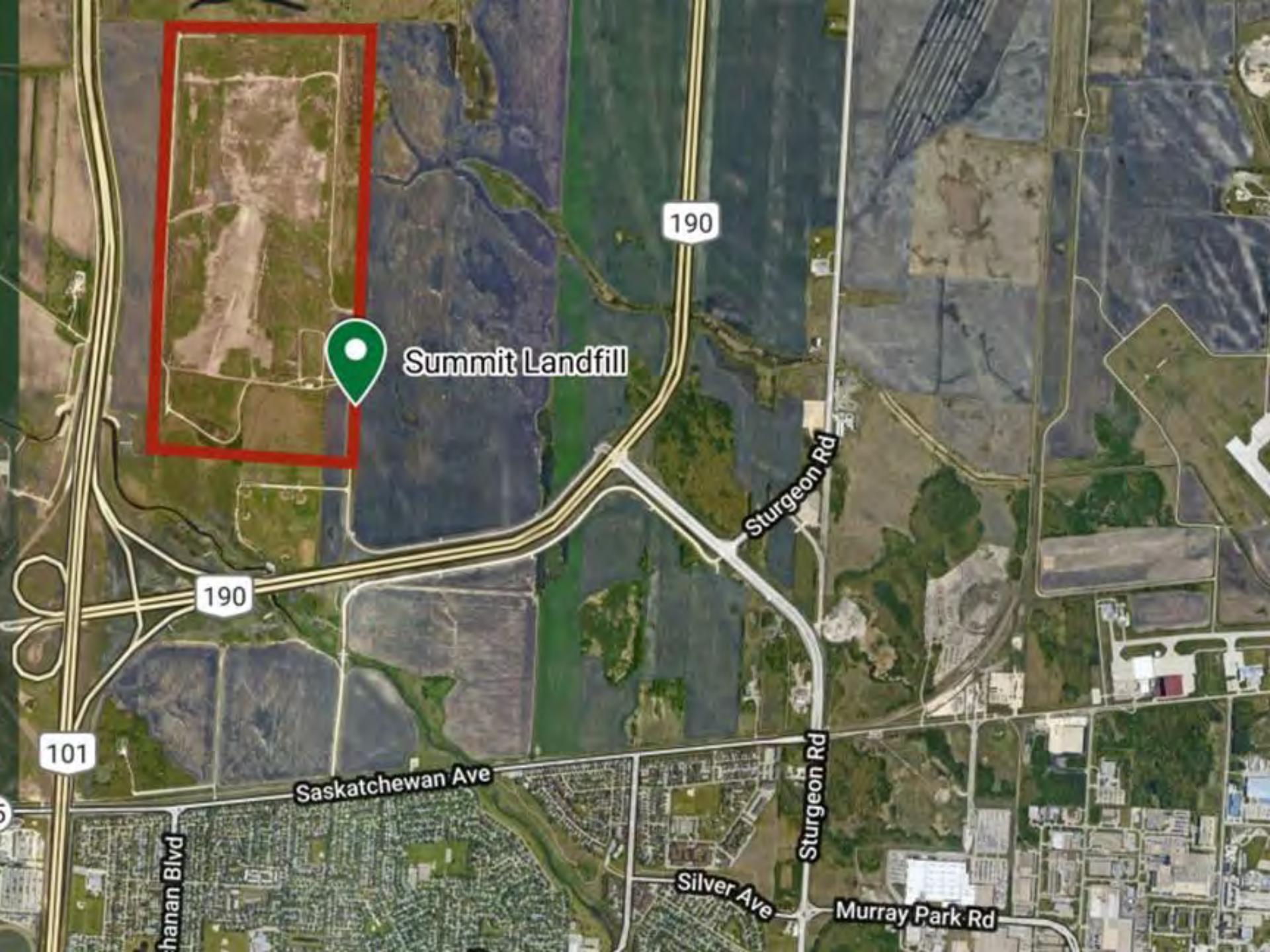


Biosolids composting

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Soil Fabrication at Summit Landfill Site

- Partnership with Wastewater, Urban Forestry, Streets Maintenance and Naturalist Services
- Mix woodchips and street sweepings with biosolids to produce soil
- Use the soil on-site to cap and landscape the closed Summit landfill (active 1964-1998)



190

Summit Landfill

Sturgeon Rd

190

101

Saskatchewan Ave

hanan Blvd

Sturgeon Rd

Silver Ave

Murray Park Rd



Soil fabrication site



Biosolids delivery



Woodchips

An aerial photograph showing a large-scale construction or land clearing project. In the foreground and middle ground, there are several deep, rectangular excavations filled with dark, wet earth and mud. A wide, light-colored dirt road or path runs through the center of the site, connecting different areas. The surrounding landscape is a flat, green field under a clear blue sky. In the far distance, a line of trees and some industrial or airport-like structures are visible on the horizon.

Street sweepings



Fabricated soil



Planting test plots

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Biosolids Land Application Program

- Wastewater services runs this provincially-regulated program
- Apply biosolids to farmland in areas west and southwest of Winnipeg to return nutrients to the soil
- 2019 program expected to run June-October

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Biosolids Land Application Program (cont'd)

- Three phases of the program
 - Phase one (early 2017): public engagement and new Environment Act Licence proposal
 - Phase two (fall 2017): pilot project applied about 2,600 wet tonnes
 - Phase three (2018-2020): up to 20,000 wet tonnes per year
- More info available at:
winnipeg.ca/waterandwaste/publicengagement/biosolids-land-application



2017 pilot



Fall 2018

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Research Partnerships & Resource Development

- LFG to energy discussions are ongoing
- Tree planting partnership with Naturalist Services
- Biosolids soil fabrication partnership with Wastewater, Urban Forestry, Streets Maintenance and Naturalist Services

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New business

- New manager of Solid Waste Services, Michael Gordichuk

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Thank you

winnipeg.ca/waterandwaste