

# **Brady Road Resource Management Facility**

## **Community Liaison Committee**

**Thursday, June 9, 2016**

# Landscaping Plan

- Tree and shrub test on north face complete
  - all the trees and most of the shrubs survived the winter
  - landfill gas has had no impact on the health of the trees
- Hydro-seeding area with native prairie grasses in September



# Lime Mud Berm Construction Updates

- Hauling resumed May 2016
- Approximately 50% (300,000 m<sup>3</sup>) of the lime mud has been hauled and used to date
- Trucks are following previously approved routes
- Work along Waverley Street and Brady Road should be completed over the next couple of months



# Odour, Noise, and Nuisance Management

- Received ten odour complaints to 311 since November 2015
- Falcon Environmental returns from April through November to disrupt nesting habits of geese and seagulls
- Landfill gas system expansion to closed areas will begin in 2017
- Continue to monitor wells for odours
- Continue working with New Directions and portable fences for litter control

# Leachate and Surface Water Management

- Leachate study is underway
  - KGS will make recommendations on best leachate control technology, including lifecycle and cost
  - will include four of Winnipeg's largest landfills:
    - Brady Road Resource Management Facility
    - Summit Road
    - Saskatchewan Avenue
    - Kilcona Park
- Phase two of surface water management plan by Chabot is underway

## Access Management and User Experience

- New signage for the 4R Winnipeg Depot has been installed, including a solar-powered sign
- Planning a low frequency FM station to communicate depot specific information to customers
- Implementing a live update feature on the web for current wait times at the 4R Winnipeg Depot
  - similar to current online notification for accepting clean fill from commercial customers

# Research Partnerships and Resource Development

- Working with the International Institute for Sustainable Development (IISD) and Wastewater Services to compost cattails from stormwater ponds
- Ongoing discussions to use landfill gas for electricity

## Long-term Site Planning

- Design new administration building at Brady, with green methods (lighting, composting toilets, reclaiming grey water)
- Refurbish/rebuild Charette Road, from entrance to the 4R Winnipeg Depot to the yard waste drop off site
  - will help reduce noise and dust
- KGS is developing a Master Plan for Brady
  - draft site plan will be available August 2016
  - cell construction documents will be ready January 2017



## Long-term Site Planning Cont'd

- New cell construction will begin late 2017
- All future cells will move south, away from the Perimeter Highway
- New cells will be built approximately every two years



## Seasonal/Project Updates

- 4R Winnipeg Depot opened February 18, 2016
  - replaces residential tipping face
  - residents can drop off materials that can be recycled, reused, composted or resold for free
  - volumes of electronics and HHW collected have exceeded expectations



# Household Hazardous & Special Waste Building





# Blue Cart Recyclables



# Other Divertibles





# Garbage Area



4R Winnipeg Depot Accepted Materials		
Material	Examples	Use/Reuse
Blue cart recyclables	Newspaper, household paper, cardboard, plastic containers, metal cans, glass bottles and jars	Recycled
Other glass	Windows without frames, glassware, broken glass	Reused for roads and pads at Brady
Leaf and yard waste	Grass clippings, leaves, plants, flowers, bush/shrub clippings, branches less than 10 centimetres in diameter	Composted
Clean fill	Soil, sod, clay, sand	Reused for cover at Brady
Tree wood waste	Stumps, logs, branches more than 10 centimetres in diameter	Composted, reused
Clean timber, lumber and wood	Non-treated/non-painted cutoffs, pallets	Composted, reused
Rubble and masonry	Brick, asphalt, patio stones, gravel, concrete – no rebar	Reused for roads and pads at Brady
Ceramics and porcelain	Tiles, sinks, toilets	Reused for roads and pads at Brady
Scrap metal	Small appliances, pots, pans, chain link fencing, BBQs	Recycled
Large appliances	Stoves, fridges, freezers, washers, dryers, dishwashers	Recycled
Bicycles		Repaired for reuse, recycled
Large plastics	Buckets, plant pots, storage containers, plastic patio furniture, laundry baskets—no metal components, tarps, or bags	Recycled
Electronic waste	Televisions, computers and computer equipment, audio and video equipment, phones, cell phones, microwaves	Recycled
Batteries	Single-use, rechargeable, automotive	Recycled
Household hazardous waste	Household cleaners, fluorescent lights, propane tanks, paint, herbicides/pesticides	Recycled, treated for safe disposal
Tires (no rims)		Recycled
Used motor oil products, filters and containers	Petroleum and synthetic crankcase oil, engine oil, hydraulic fluid, transmission fluid, gear oil, other fluid used for lubricating machinery or equipment, engine oil filters, diesel fuel filters, oil containers	Recycled

## Seasonal/Project Updates Cont'd

- Wood Anchor's contract to reclaim elm trees and reuse as flooring and furniture has been extended
  - looking at other uses for the wood, including for heating their facility
- Yard waste and biosolids composting continues
  - will continue to use compost material as final cover at Brady



## Seasonal/Project Updates Cont'd

- Organics - in April, Council directed the department to:
  - develop a broader public consultation plan for opportunities for organics programs in Winnipeg
  - consult with the newly created climate change working group to explore funding partnerships and opportunities
  - develop a city-wide program to reduce organics from commercial, industrial, and institutional waste
  - develop a city-wide organics diversion program that would be community based and work with existing or not for profit organizations
  - improve the existing program of subsidized organics bins for Winnipeg residents
  - consult with city school boards for potential organics collection programs

# **Next Meeting**