



Water and Waste Department



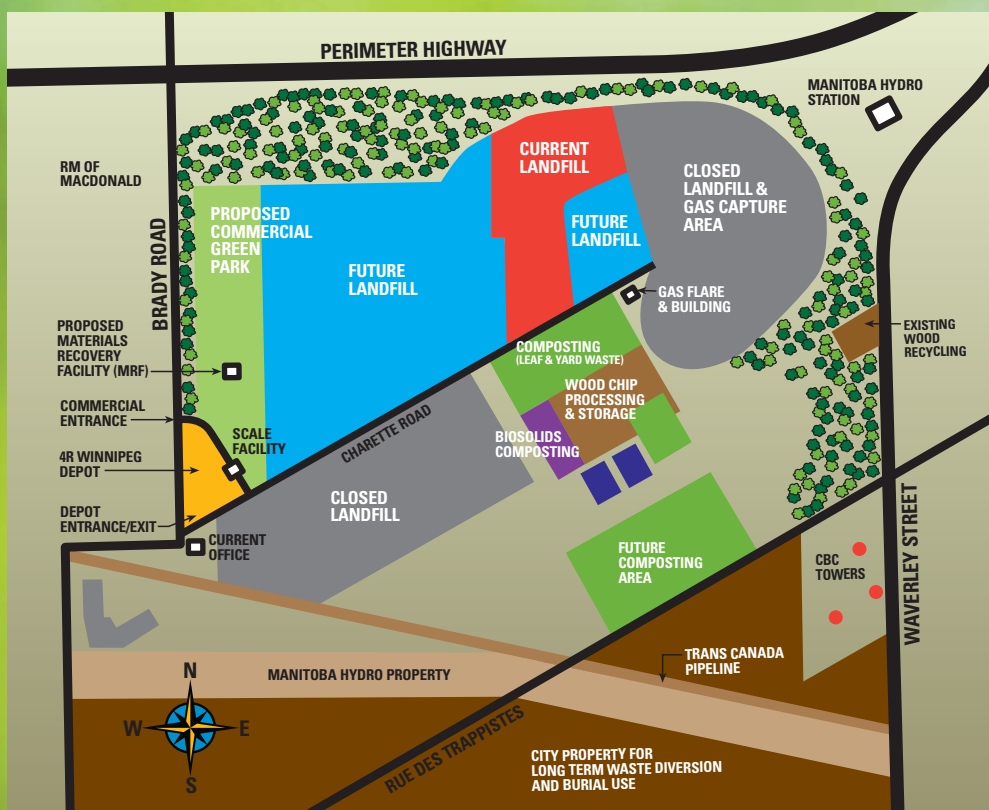
Reduce, reuse, recycle. Repeat.  
For you, for our city.

# The Changing Face of Brady Road Resource Management Facility

# About Brady

## Brady Road Resource Management Facility:

- ▶ opened in 1973 as the Brady Road Landfill
- ▶ is approximately 790 hectares (about the size of River Heights neighbourhood)
- ▶ is Manitoba's largest landfill
- ▶ was renamed in 2013 to reflect the shift in focus from mostly garbage disposal, to beneficial reuse of as much material as possible



# Recent improvements

- ▶ A new 9 hectare **composting pad** was added in October 2013, to turn all the leaf and yard waste from the curbside collection program into thousands of cubic metres of nutrient-rich compost
- ▶ A new **system to capture and flare landfill gases** fired up in August 2013, to reduce the annual greenhouse gas emissions from the landfill by an amount equivalent to that produced by about 21,000 cars, and to help reduce landfill odour
- ▶ **Falcons and hawks** have been on patrol since 2011, to help reduce the number of seagulls and geese that feed at the landfill and create a nuisance in the surrounding neighbourhood
- ▶ Since 2011, **Wood Anchor**, a reclaimed lumber and wood products company, has been rescuing ash trees, diseased elm trees, and old lumber and transforming them into new products (e.g., furniture and flooring)
- ▶ Since November 2013, we have added 500 feet of **portable fencing** which can be moved, depending on the wind direction, to keep litter (e.g., plastic bags) from blowing out of the landfill



# Coming soon

## In 2014

- ▶ A two-year pilot program will begin **composting about 20% of our biosolids** (nutrient-rich by-product of sewage treatment) in a new \$7 million, 3 hectare complex (about the size of 4 football fields)
- ▶ A new **4R Winnipeg Depot**, about 5 hectares (about the size of 6 football fields), is scheduled to open in fall

## Improvements on the horizon

- ▶ A new **larger facility for processing recyclables** will be built to process all the materials, more than 50,000 tonnes per year and growing, from blue recycling carts
- ▶ Land is being reserved for a **future green business park**, which will host companies that reclaim and reuse materials that would otherwise be buried in the landfill (e.g., electronic waste)



# What is a 4R Winnipeg Depot?

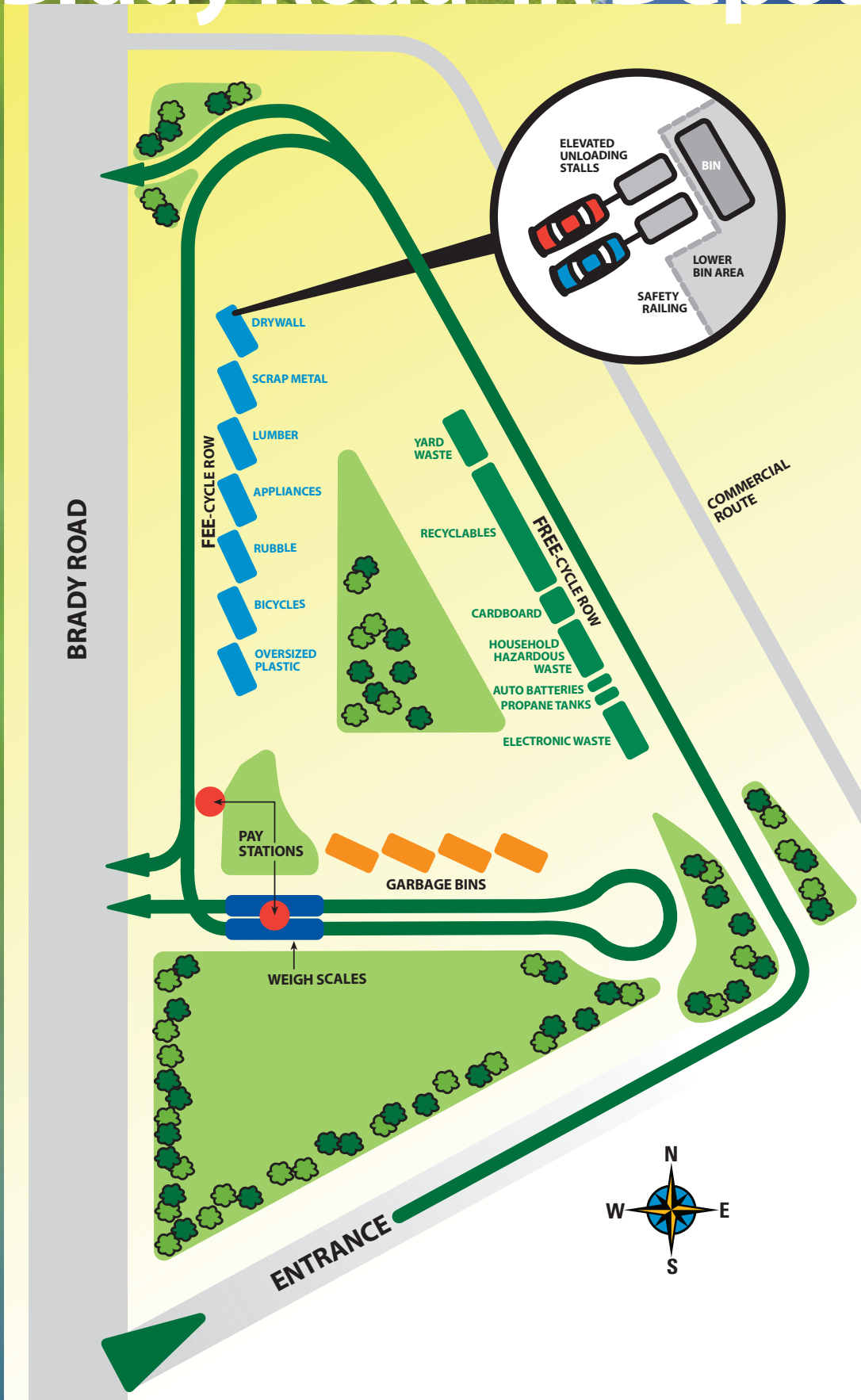
## A 4R Winnipeg Depot:

- ▶ is a convenient “one stop shop” where you can drop off materials that can be recycled, reused, composted, or resold
- ▶ accepts more types of materials than the existing recycling depots
- ▶ is for residential customers entering with loads under ½ tonne (e.g., cars with trailers, trucks, vans), and
- ▶ is one of the programs in the Council-approved Garbage and Recycling Master Plan designed to reduce garbage and increase recycling



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# Brady Road 4R Depot



## **What will the Brady 4R Winnipeg Depot look like?**

There will be three distinct drop-off areas:

- 1 FREE-cycle Row**
- 2 FEE-cycle Row**
- 3 Garbage Row**

## **How much will it cost to establish and operate the Brady 4R Winnipeg Depot?**

**The cost to:**

- ▶ build the Brady 4R Winnipeg Depot is approximately \$4.2 million
- ▶ operate the Brady 4R Winnipeg Depot is approximately \$1.7 million per year, and will be partially offset by the revenue collected at the depot as well as savings in the garbage disposal operation at Brady

## **When will the other 4R Winnipeg Depots open?**

We will be building up to three additional 4R Winnipeg Depots over the next three years

# FREE-cycle Row

**Contains drop-off areas for recyclable materials** that are managed by the:

- ▶ City of Winnipeg (e.g., curbside collection, recycling depots), and
- ▶ Producer Responsibility Organizations

Fee: **Free**

City Program Materials	Producer Responsibility Materials
newspaper, household paper, cardboard	electronic waste (e.g., televisions, computers, microwaves)
plastic & aluminum food & beverage containers	household hazardous waste (e.g., oil, paint)
glass bottles & jars	auto batteries
yard waste	scrap tires

This list may grow or change where markets are identified or when agreements with Producer Responsibility Organizations are in place.





# FEE-cycle Row

## Contains drop-off bins for the following materials:

- ▶ rubble (e.g., brick, concrete)
- ▶ ceramic tiles and other ceramics/porcelain (e.g., toilets)
- ▶ tree wood waste (e.g., stumps, logs, branches larger than one metre long)
- ▶ clean timber, lumber and wood (e.g., mill ends, oriented strand board, pallets, plywood, engineered flooring, fibre board)
- ▶ scrap metal and major appliances (additional fees may apply to refrigerant-containing appliances)
- ▶ oversized rigid plastic (e.g., buckets, patio furniture)
- ▶ bicycles

This list may grow or change where markets are identified or when agreements with Producer Responsibility Organizations are in place.

Fee: **\$5 per load**

There is a charge for these items because they are not supported by the Producer Responsibility Organizations. The fee is designed to cover our costs to manage the materials.



# Garbage Row

This row will:

- ▶ contain drop-off bins for materials that can't be recycled, composted, resold or reused (i.e., garbage)
- ▶ be the permanent disposal area for small loads of garbage, and
- ▶ have scales to measure the weight of garbage for disposal

## A fee will be:

- ▶ included in a recommendation to City Council for consideration
- ▶ based on the weight of garbage
- ▶ a rate that will encourage customers to take full advantage of the opportunity to recycle, leaving very little, if any, material left for the landfill