

CITY OF WINNIPEG BRADY ROAD RESOURCE MANAGEMENT FACILITY

Preliminary Landscape Plan

November 20, 2014



PROCESS

- Research (local and international)
- Establish Preliminary Goals and Concerns
- Preliminary Examination of Site as a Whole and Proposal of Overall Preliminary Landscape Plan
- Create Preliminary Proposal for Landscape Plan Over 5 Year Span
- Presentation to and input from Community Group (October)
- Revise Preliminary Landscape Plan
- Presentation to Community Group (November)
- Revise Landscape Plan Further
- Submit Landscape Plan (December)

GOALS

- Creation of Physical and Visual Buffers from the Operations at the Development to adjacent properties
- Habitat Creation (wetland, forest)
- Recreation Areas
- Community Gardens

CONCERNS

- Odour and Sound issues in surrounding neighbourhoods (Waverley West, St. Norbert, Richmond West)
- Views from surrounding neighbourhoods

FEEDBACK FROM COMMUNITY GROUP

SUMMARY OF COMMENTS ON SHORT TERM PRELIMINARY LANDSCAPE PLAN

- Shift focus from the South end of the site to the North end of site, along the Perimeter Hwy.
 - Focus on the north end of site for existing communities
 - South end of site needs no visual barrier in the short term

- Focus on planting North end of site so trees have time to mature and begin providing shelter and filtering benefits.

- Diversity of planting to benefit wildlife.

- Control odour, litter (plastic bags) and noise

GOALS (SHORT TERM)

- Creation of Physical and Visual Buffers from the Operations at the Development to adjacent properties
- Habitat Creation

CONCERNS (SHORT TERM)

- Odour and Sound issues in surrounding neighbourhoods (Waverley West, St. Norbert, Richmond West)
- Views from surrounding neighbourhoods
- North end of site -preceived as priority in short term (Perimeter Planting and NW corner of site)
- Lime Mud Berm currently planed for southwest, but no need for visual buffer there in short term
- Planting of trees on North Side of Hill (Closed landfill area). Focus on Tree planting, as trees as barrier take a long time to establish

SHORT TERM GOALS

Creation of Physical
and Visual Buffers



Shelterbelts and Berms -Sound Control
Shelterbelts, Berms, Native Planting -Odour control
Shelterbelts and Berms - Visual Buffers

Habitat Creation



Prairie Planting
Shelterbelts

SHORT TERM PRELIMINARY LANDSCAPE PLAN



Prairie Planting

- Cover berm and closed landfill

Trees - added to closed landfill

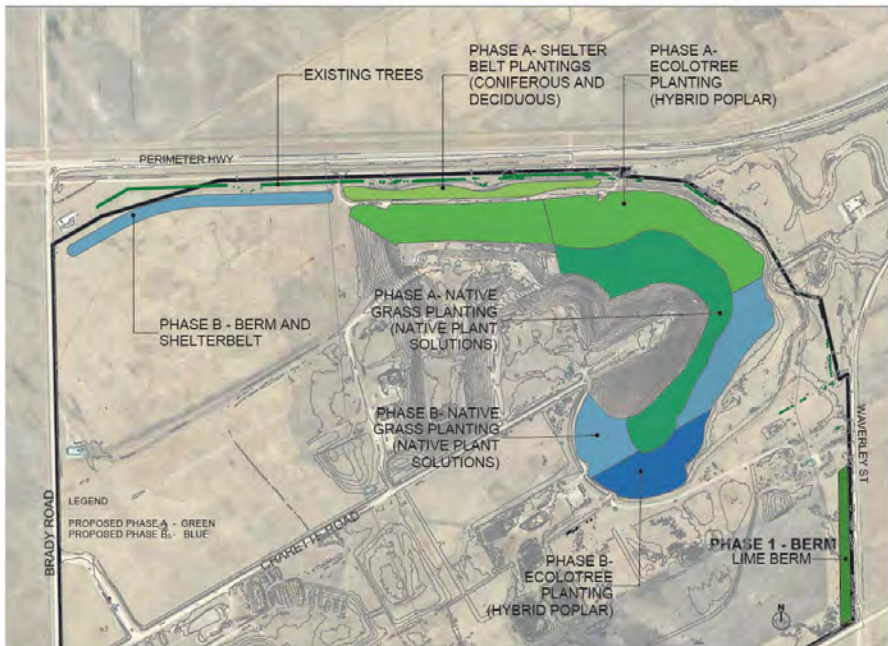
Shelterbelts and Berm

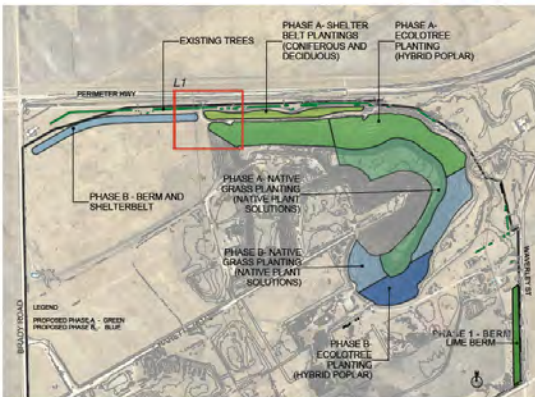
- berm /shelterbelt added to North end of site

Coniferous and Deciduous tree planting

- forestation of North end of site

SHORT TERM PRELIMINARY LANDSCAPE PLAN





ECOLOOTREE

Engineered Tree Caps for Landfill Cover (Trees naturally control Leachate)



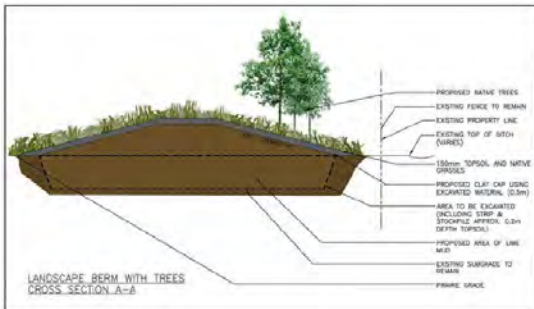
Landfill Cell, Beaverton,
Oregon, April 1990



Landfill Cell, Beaverton,
Oregon, August 1995 - 5 years after
planting ECap



Landfill Cell, Beaverton,
Oregon, 1997 - 7 years after planting
ECap. Trees 60-80 feet tall



LIME MUD LANDSCAPE BERM



PROPOSED NORTH LANDSCAPE BERM WITH TREES

SHELTERBELTS / BERMS



NATIVE PRAIRIE PLANTING

