

Appendix 3H Plant List

This Appendix provides a suggested plant list for the Facility. Alternative plants, including native plant varieties, may be provided at the Facility if they meet the following criteria:

1. The selection of outdoor plantings and ground covers in all outdoor spaces will be safe for Clients. Sharp, poisonous, climbable or otherwise dangerous plantings are not permitted.
2. The criteria set out in Appendix 3A [Clinical Specifications].
3. The performance criteria set out in Section 8.1.7.2 Schedule 3 [Design and Construction Specifications].

1. COURT YARD PLANT LIST

TREES

Prairie Dream Paper Birch / *Betula papyrifera* 'Varen' - Native selection with improved qualities against birch borer.

Princess Kay Plum / *Prunus nigra* 'princess Kay' - Native Minnesota selection; sterile
Skybound Pyramidal Cedar / *Thuja occidentalis* 'Skybound'

DECIDUOUS SHRUBS AND VINES

Clematis Multi Blue, henryi -white: these die back to the ground, but should return each spring.

Hardy Clematis / *Clematis macropetala* x *C. alpina* Rosy O' Grady'

Ivory Halo Dogwood / *Cornus alba* 'Baihalo' - If considered too tall, use Little Rebel Dogwood / *Cornus alba* 'Jefreb'.

Winged Burning Bush / *Euonymus alatus*

McKay's White Potentilla / *Potentilla fruticosa* 'McKay's White'

Magic Carpet Spirea / *Spiraea japonica* 'Magic Carpet'

CONIFEROUS AND EVERGREEN SHRUBS

Kinnikinnik / *Arctostaphylos uva-ursi* - Needs good drainage to survive. Plant 400 o/c.

Paxistima / *Paxistima canbyi* Plant 400 o/c.

Nest Spruce *Picea abies* 'Nidiformis'; plant 1 metre on centre

Blue Globe Spruce / *Picea pungens* 'Glauca Globosa'

GROUNDCOVERS AND PERENNIALS

Provide all native plant material from seed collected within the Regina ecoregion or from divisions taken from nursery stock material that was originally derived within Saskatchewan. Comply with ecologically acceptable practices for seed collection. Collected plant material will not be accepted.

Provide bushy healthy bedding plants with fully developed root systems and, unless otherwise noted below, in 100mm pots 400 on centre.

Canada Anemone / *Anemone canadensis*

Snowdrop Anemone / *Anemone sylvestris*

Columbine / *Aquilegia brevistyla*

Bergenia / *Bergenia cordifolia* #1 pot 500 o/c

Wild Strawberry / *Fragaria glauca*

False Sunflower / *Heliopsis helianthoides* 'Summer Sun' #1 pot; 600 o/c

Hosta varieties such as: / *Hosta fortunei aureomarginata*; Hosta Elegans / *Hosta sieboldiana* 'Elegans' or

Hosta 'Guacamole' #1 pot; 500 to 700 o/c. Slug resistant varieties preferred and Hosta virus 'X' free.

Lime creeping Jenny / *Lysimachia nummularia* "Aurea"

Husker's Red Penstemon / *Penstemon digitalis* 'Husker Red' #1 pot; 500 o/c

Maynight Salvia / *Salvia* x 'Superba' May Night #1 pot; 500 o/c

Royal Candles Speedwell / *Veronica spicata* 'Royal Candles' #1 pot; 600 o/c

Western Canada Violet / *Viola rugulosa* (*Viola canadensis*)

2. PARKING LOT AND GROUNDS

TREES

Baron Manitoba Maple / *Acer negundo* 'Baron' (seedless varieties)
 Green Ash / *Fraxinus pennsylvanica* (seedless varieties, Summit, Patmore, Prairie Spire)
 White Spruce / *Picea glauca* also consider non-native Scots Pine / *Pinus sylvestris*
 Trembling Aspen / *Populus tremuloides* (suckers)

TREES (requiring additional moisture, for example: irrigation located at downspouts, a swale or receiving parking lots or pavement runoff)

Prairie Dream Paper Birch / *Betula papyrifera* 'Varen'
 Black Ash / *Fraxinus nigra* 'Fall Gold' (seedless varieties)
 Cottonwood / *Populus deltoides* 'Sky fest' (seedless varieties) large tree; grow where there is space
 Bur Oak / *Quercus macrocarpa*
 Basswood / *Tilia americana*
 American Elm / *Ulmus Americana*

SHRUBS - tall - # 5 pot. These can be used in small quantities or pruned up into small trees

Red Osier Dogwood / *Cornus stolonifera* (requires moisture)
 Silverberry / *Elaeagnus commutata* (requires moisture)
 Canada Plum / *Prunus nigra*
 Nannyberry / *Viburnum lentago*
 Highbush Cranberry / *Viburnum trilobum* (requires moisture)

SHRUBS under 5' - all container grown in # 2 or 3 pot

Potentilla varieties
 Depressa Aurea Juniper / *Juniperus communis* 'Depressa Aurea'
 Blue Chip Juniper / *Juniperus horizontalis* 'Blue Chip' (any of the J.horizontalis selections)
 Consider hardy non –native *Juniperus sabina* species for winter colour eg. Calgary Carpet Juniper.
 Raspberry / *Rubus idaeus*
 Western Snowberry / *Symphoricarpos occidentalis* (S. albus is poisonous and therefore not allowed)
 Riverbank Grape / *Vitis riparia* (some moisture)

HERBACEOUS UNDERSTORY

Canada Anemone / *Anemone canadensis*
 Western Canada Violet / *Viola rugulosa* (*Viola canadensis*)
 Northern Bedstraw / *Gallium boreale*
 Star flowered Solomon's Seal / *Maianthemum stellatum*

TREE SIZES

Large Deciduous trees to be:

- 50 cal. min.; 3500 ht. min.; 7 branches in well branched head above 1500 ht.; container grown # 20 pot or B&B min. ball diam. 700; stake. All plants must be consistent in size and form.

Small Deciduous trees to be:

- 30 cal. min.; 2000 ht. min.; single-stem with 4 branches in well branched head above 1000 ht.; B&B or container grown; min. ball diam. 450; stake.

Coniferous trees to be:

- 3000 ht. min.; full, evenly branched; broken leaders unacceptable; B&B or tree mover; min. ball diam. 900. Guy. And/or 2000 ht. min, ball diam. 750 min.; B&B; 4 Stakes.

SEEDING MIXES (ADAPTED FROM THE CITY OF REGINA STANDARD SEED MIXES)

Seed must be locally sourced (no greater than 200 km North of the Site and 100 km South of the Site) and from the same plant hardiness zone. Review seed certificates for Pure Live Seed prior to placement.

GRASS SEED MIX - Some irrigation (every 14 days)

Hard fescue (*Festuca duriscul*) Var. Spartan, Aurora
 SeaLink Creeping Red fescue / *Festuca rubra litoralis*
 Creeping red fescue (*Festuca rubra*) Var: Aberdeen, Jasper 2,
 Kentucky bluegrass var. Baroness, Royale, Mallard, Moonlight, Unique, Lily, Langara, Bedazzled

NATIVE GRASSES mowed once or twice per year or not at all

Mat Muhly / *Muhlenbergia richardsonis*
 (If not available increase Blue Grama and Rocky Mtn Sheep's fescue.)
 Blue Grama / *Bouteloua gracilis*
 Plains rough fescue / *Festuca hallii*
 June grass / *Koeleria macrantha*
 Rocky Mountain Sheeps fescue (*Festuca ovina var.saximontana*)
 Sheep's fescue (*Festuca ovina*) is not acceptable.
 Northern wheatgrass / *Agropyron dasystachyum*
 Western wheatgrass / *Agropyron smithii*

NATIVE GRASSES in periodically wet areas such as swales

Fowl bluegrass / *Poa palustris*
 Desert Salt grass / *Distichlis stricta*
 Tufted hairgrass / *Deschampsia caespitosa*
 Green needle grass / *Stipa viridula*
 Streambank wheatgrass / *Agropyron riparium*
 Western wheatgrass / *Agropyron dasystachyum*
 Canada reed grass / *Calamagrostis canadensis*
 Slender wheatgrass / *Agropyron trachycaulum*

NATIVE FORBS Overseeding Mix -- In areas where native flowers are desired. This would only be planted as a stage two overseeding mix after the grasses have first been established and weeds controlled.

Yarrow / *Achillea millefolium*
 Many-flowered Aster / *Aster ericoides*
 Pussytoes / *Antennaria aprica (parvifolia)*
 Gaillardia / *Gaillardia aristata*
 Rhombic-leaved Sunflower / *Helianthus laetiflorus* (unclear whether this species is poisonous)
 Blazing Star / *Liatrus ligulistylis* or *Liatris punctata*
 Blue Flax / *Linum lewisii*
 Purple Prairie Clover / *Petalostemon purpureum*
 Prairie Coneflower / *Ratabida columnifera*
 Low Goldenrod / *Solidago missouriensis* (unclear whether this species is poisonous)
 Indian bread-root / *Psoralea esculenta*