

APPENDIX M

LANDSCAPE DESIGN AND RESTORATION PLAN

This document is a preliminary Landscape Design and Restoration Plan and will be finalized by Mackenzie Green Energy LP (MGELP) in coordination with final engineering design and permitting of MGEC. A draft of the Landscape Design and Restoration Plan will be reviewed with the District of Mackenzie to ensure the plan meets the District's requirements for a development permit.

Landscaping

The MGEC site will be landscaped in a manner appropriate for an industrial power plant and that is consistent with its setting in a heavy industrial area. Vegetation selected to restore the site will follow the revegetation guidelines provided below.

The vegetation will be selected so that the restored landscape will be low maintenance and not require irrigation once established, while providing erosion and sediment control. Landscaping will occur during the final stages of the construction phase.

Revegetation Guidelines

The following guidelines will be used to revegetate disturbed areas of the MGEC site. Revegetation will provide a functional and attractive landscape to the site while at the same time establishing a dense vegetation root system using plant species natural to the area that will defend against soil erosion. Stabilizing surface soils with vegetation is of importance to prevent soil erosion and sediment transport to the wetland south of the MGEC site.

The follow revegetation guidelines will be applied to the MGEC site as appropriate to the appearance and use of the land area:

- Vegetation used for replanting purposes will be indigenous to the Sub Boreal Spruce Subzone (SBSmk2).
- The types of vegetation planted will be selected based on the particular soil involved, the speed of germination and growth and seed/plant availability.
- Plants will be well irrigated after initial planting until they become established.
- Grass seed, if used, will be consistent with local composition and, if possible, left uncut.