

APPENDIX I
CONSTRUCTION WASTE MANAGEMENT PLAN

This document is a preliminary Construction Waste Management Plan and will be finalized prior to initiation of construction at the site. A draft of the plan will be reviewed with the Fraser-Fort George Regional District and the Ministry of Environment to ensure it meets regulatory requirements and incorporates the commitments made in this application for an Environmental Assessment Certificate.

During plant construction waste generation will be minimized and, where possible, wastes will be reused and recycled. Construction wastes are expected to consist of scrap steel, clean wood, recyclables such as aluminium, plastic, and cardboard, and other solid wastes. In all cases Mackenzie Green Energy LP (MGELP) will comply with Bylaw No. 1746 of the Regional District of Fraser-Fort George, as amended, the provincial Hazardous Waste Regulation, 2006, the Environmental Management Act, the Transportation of Dangerous Goods Act, 1996, and the Transportation of Dangerous Goods Regulation, 2002.

The Construction Waste Management Plan will include initiatives to minimize, reuse and recycle materials to the extent it is practical and viable for the location of the MGEC construction site. Measures for appropriate segregation of waste materials will be included in the plan. As well as general construction waste, waste that is considered "Controlled" under Bylaw No. 1746 will be managed under this plan.

Waste Segregation

1. MGELP will separate all waste into one of three categories:
 - (i) Reusable materials;
 - (ii) Recyclable materials; and,
 - (iii) Wastes for disposal.
2. MGELP will minimize all waste during construction and will reuse and recycle material as indicated below:
 - (i) The following materials will be reused, where practical:
 - Wood;
 - Metal;
 - Gypsum board;
 - (ii) The following materials will be recycled;
 - Aluminium, steel and other metals;
 - Plastic;
 - Cardboard.
3. All wastes removed from MGEC will be transported by a licensed contract hauler.
4. Reusable and recyclable materials will be stored in designated areas separate from other waste.

5. Scrap metal will be separated from other waste streams on site prior to removal. Metal separation will be done as soon as possible in designated areas of the site to reduce the potential for contamination.
6. Sediments and sludges collected in clean-out sumps at drains for run-off from vehicle washing facilities and parking lot drains will be dewatered prior to disposal.

Controlled Waste Management

1. Any controlled waste designated under Bylaw No. 1746 will be delivered to the Foothills Boulevard Regional Landfill.

Controlled waste is material that requires special handling and disposal techniques to avoid creating health hazards, nuisance, or environmental pollution.

2. Controlled wastes from the MGEC site may include;
 - Bulky wastes,
 - Gypsum board or wallboard,
 - Sludges pumped from sumps which collect run-off from vehicle washing facilities, and
 - Contaminated soil (excluding hazardous waste).
3. Controlled wastes will be pre-approved in compliance with the Regional District prior to delivery. An application for a controlled waste permit will be made at the Mackenzie Regional Landfill. MGELP will comply with all aspects of Bylaw No. 1746 that relate to landfill restrictions on controlled waste.