



Conestoga-Rovers & Associates Project Summary

KEY PROJECT ELEMENTS

- Detailed Design
- Approvals
- Construction Administration
- Landfill Gas to Energy System
- Electricity Generation

SUDBURY LANDFILL GAS TO ENERGY PROJECT SUDBURY, ONTARIO



CLIENT: GREATER SUDBURY UTILITIES
DURATION: FALL 2006 TO SPRING 2007

Greater Sudbury Utilities contracted Toromont Power Systems (Toromont) to undertake a turnkey project to utilize available landfill gas from the Sudbury Landfill in the City of Sudbury for the purposes of electricity generation.

CRA conducted the design activities to support the project and provided advice during the construction and installation phase of the project.

The project involved the installation of one modular Caterpillar G3520C 1.6 MW generator set, landfill gas conditioning module, electrical module, and electrical switchgear. Civil work included excavation, granular placement, and grading for the equipment compound area. Mechanical work included the installation of above ground landfill gas piping and supports as well as the rigging and complete mechanical installation of all equipment. Electrical work included the installation of electrical equipment, instruments as well as power, and control wiring to support the export of electrical power.

GENERAL INQUIRIES:
info@CRAworld.com

WEB SITE:
www.CRAworld.com