

Landfill Gas Project

Lafleche Environmental Inc. completed the installation and commissioning of the permanent Landfill Gas Collection System and enclosed flare in June 2011 at its Eastern Ontario Waste Handling Facility in Moose Creek, Ontario. Landfill gas is generated during the decomposition of organic solid waste in the landfill. This gas consists of about 50 percent methane (CH₄), the primary component of natural gas, about 50 percent carbon dioxide (CO₂), and a small amount of non-methane organic compounds. This system is currently flaring 450-600 CFM of methane and is in full compliance with the landfill gas capture requirements of Ontario Regulation 347. By late 2012 Lafleche Environmental Inc. and its partner IGRS will have completed the construction of an on-site generation facility which will utilize the methane and convert it to electricity. Authorized by the Ontario Power Authority's *Feed-In-Tariff* program, the 4.5 MW of 'green' electricity will be fed into the Ontario Hydro grid for utilization by local users of electricity.

Recyclable Waste Processing and Transfer Station

Lafleche will be requesting the Ministry of Environment for authorization to build a *Recyclable Waste Processing and Transfer Station* at its Eastern Ontario Waste Handling Facility in Moose Creek, Ontario. This new building is to be located within the buffer area at the southeast corner of the currently-approved waste disposal site. The Facility building will have an approximate floor area of 890 m². Authorization is sought to establish and operate on-site facilities for:

- 1) the processing and transfer of commingled Blue Box and Black Box materials;
- 2) the processing and transfer of construction and demolition (C&D) materials;
- 3) the transfer of Waste Electric and Electronic Equipment (WEEE or e-waste); and
- 4) the transfer of waste tires.

Daily maximum amounts of recyclable waste accepted will not exceed a yearly average of 875 tonnes per day. The maximum storage capacity is 250 tonnes. The Recyclable Waste Processing and Transfer Facility is to serve the Province of Ontario and will operate Monday to Friday from 7:00 a.m.- 5:00 p.m., and Saturday from 8:00 a.m.- 2:00 pm.

If you have comments, suggestions or concerns regarding the proposed *Recyclable Waste Processing and Transfer Station*, please direct these to Mr. Brian King, President, Lafleche Environmental Inc., 17125 Lafleche Road, Moose Creek, Ontario K0C 1W0. A copy of your comments, suggestions or concerns regarding this proposal should also be sent to: The Director, Environmental Assessment and Approvals Branch, Ministry of the Environment, 2 St. Clair Avenue West, Floor 12A, Toronto, ON M4V 1L5.





Stage II Development

Construction of landfill cells 1 and 2 of the Stage II waste mound is scheduled for completion in early December 2011. Stage II will eventually include 8 cells (or Phases). Each Phase is designed to retain a minimum of 300,000 tonnes of solid non-hazardous waste. All Phases of Stage II will be underlain by a leachate collection system and in-situ natural clay liner. Leachate collected from the leachate sump in each Phase will be pumped to an on-site leachate aeration pond and subsequent secondary and tertiary treatment at the Lafleche leachate treatment facility. Placement of waste in Phase I, Stage II is scheduled for the spring of 2012.

Composter Hours of Operation

Lafleche will also be requesting the Ministry of Environment for authorization to extend the hours of operation at the Composter Facility. This would involve on-site processing of materials and the screening of immature and mature compost, etc. It is important to note that the amendment request would not extend the receipt of organics and bulking agents beyond the currently-approved hours of operation. If approved, the revised hours of operation at the Lafleche Composter Facility (only) would occur 24 hours a day, Monday to Saturday. If you have comments, suggestions or concerns regarding the proposed *Composter Hours of Operation*, please direct these to Mr. Brian King, President, Lafleche Environmental Inc., 17125 Lafleche Road, Moose Creek, Ontario K0C 1W0. A copy of your comments, suggestions or concerns regarding this proposal should also be sent to: The Director, Environmental Assessment and Approvals Branch, Ministry of the Environment, 2 St. Clair Avenue West, Floor 12A Toronto, ON; M4V 1L5.

Seagull Control Measure

Lafleche Environmental Inc. retained Predator Bird Services Inc. in mid-2011 to supplement our existing Bird Control Program. Predator Bird Services employs trained owls, falcons, hawks and eagles as a seagull/vermin deterrent at Lafleche's Eastern Ontario Waste Facility. The program has been extremely successful and will be continued in early March 2012.

President's Message

The staff of Lafleche Environmental Inc. is collectively proud of the achievements realized in 2011. We continue to work diligently to realize the goals of 2012 and beyond. We invite your input on our vision for continued success.

Brian R. King, FEC, P.Eng., PMP

President

Lafleche Environmental Inc.

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