



www.igrs.ca

### Thorold Office

E-mail: info@igrs.ca  
Phone: 905.680.3745  
Fax: 905.680.3699  
Mail: P.O. Box 100, Thorold, ON L2V 3Y8

### Cambridge Office

Phone: 519.621.6669  
Fax: 519.621.9944  
Mail: 320 Pinebush Road, Suite 12  
Cambridge, ON N1T 1Z6



# Integrated Gas Recovery Services Inc.

*A Landfill Gas Utilization Company*

www.igrs.ca

## Projects in The Pipeline . . .



IGRS and its partnership companies are currently developing landfill gas utilization and control projects across Canada. Some of these projects under development include:

- ◆ City of Brandon - Brandon, Manitoba
- ◆ Lafleche Environmental Inc. - Ottawa, Ontario
- ◆ Robin Hood Bay Landfill - St. John's, Newfoundland
- ◆ Essex Windsor Solid Waste Authority - Essex, Ontario

## IGRS Projects . . .



- ◆ Niagara Waste Systems, East Landfill Gas Utilization Project



- ◆ Niagara Waste Systems, East Landfill Gas to Energy Project

- ◆ **Britannia Landfill Gas to Energy Project**



**BraeBen Golf Course  
10th Green**



## A Look Inside . . .

Welcome

Clean Energy

Landfill Gas Experts

Award Winning Projects

Our Environment, Our Future

*Committed to Community, Environment & Tomorrow's Generation*



June 2008

Page 4

*Reducing our Carbon Footprint*

June 2008



# The IGRS newsletter

## This Issue →

- Welcome 2
- Services 2
- Experts 2
- Industry 3
- Projects 4

**Welcome to IGRS . . .** Integrated Gas Recovery Services Inc. (IGRS) is a full-service, landfill gas utilization company. IGRS offers complete design, build, own and operate solutions for all landfill gas utilization, control and emission reduction projects. IGRS is a partnership between two recognized waste management experts, Comcor Environmental Ltd. (Comcor) and Integrated Municipal Services Inc. (IMS).

Whether your goal is to harness landfill gas as an alternative energy source, control fugitive odours or capture and sequester harmful greenhouse gases, IGRS is able to tailor fit a solution to meet your needs.

**Our Services . . .** IGRS is a provider of complete design, build, finance, own and operate landfill gas solutions to its clients. Additionally, IGRS is unique among its competitors in that we are able to provide all services completely 'in-house'. These services include all aspects of landfill gas recovery, control and utilization such as:

- ◆ Project Feasibility Analysis
- ◆ Field Testing
- ◆ Power Purchase Agreements
- ◆ Project Design
- ◆ Approvals & Permitting
- ◆ Construction Management
- ◆ Plant Operations & Maintenance
- ◆ Greenhouse Gas Emissions Credit Sales

As a result of IGRS's wide range of experience and the member partners own philosophy, we take a practical, hands-on approach to providing landfill gas solutions. With over 20 years of landfill gas experience, IGRS designs and builds landfill gas solutions that are functional, reliable and financially viable.

Recognizing that landfill gas utilization projects come with associated risk, IGRS has also been successful in fashioning partnerships where project risk is managed at acceptable levels to all parties.

IGRS specializes in Public-Private-Partnerships and has been recently recognized by the Canadian Council of Public Private Partnerships for our innovative approach to landfill gas solutions.



## Meet our Experts . . .

**Mr. Walter Graziani, P. Eng.** is President of Comcor and an integral part of the management team at IGRS.



Walt has been involved with Comcor, a landfill gas engineering and services company, for 23 years. He has carried out all aspects of design, construction and operation of landfill gas systems for both municipal and private sector landfill clients across Canada. These systems range from test, flaring, and migration control systems to direct use and electrical generation utilization systems.

Previously, as President of Gas Recovery Systems Inc. in the United States, Walt directed a company that owns and operates over 30 landfill gas utilization plants that produce over 140 MW of renewable power.

Mr. Graziani is a Professional Engineer and a Designated Consulting Engineer in Ontario and has practiced for 27 years. He is an internationally recognized expert in the field of landfill gas utilization and control and has been involved in over 120 landfill gas projects in North America and overseas.

IGRS is a landfill gas utilization development company that owns and operates landfill gas utilization plants in Ontario. To-date, these plants produce over 10 MW of renewable power and provide over 3,000 cubic feet per minute of landfill gas to industrial users.

## Carbon Trading & Landfill Gas . . .

IGRS is a recognized expert in the negotiation, sale and trading of Emission Reduction Credits (ERC's) related to landfill gas projects. We can validate whether your site is eligible for credits and maximize potential returns. To-date, we have negotiated four bi-lateral long term credit sales agreements with buyers in Canada and the US. ERC's are especially important to smaller sites as full utilization may not be a financially beneficial option.

ERC's can provide the kick-start to a simple collection and flaring system and reduce the burden of capital and operating costs for smaller landfills. IGRS can 'bundle' your credits with others, minimizing transaction costs and maximizing revenue.

Through our network of experienced brokers and 'in-house' landfill gas expertise, IGRS is your sole source for connecting with credit buyers, securing credit sales agreements, designing, constructing and operating landfill gas collection and control systems.



## Industry News . . .

### PROPOSED LANDFILL GAS REGULATIONS - ONTARIO

Ontario's Ministry of the Environment (MOE) has recently been conducting consultation on proposed changes to extend landfill gas collection and control regulations. The proposed regulations would require landfill gas collection and control for operating, expanding and new sites that exceed 1.5 M cubic metres in capacity.

At present, affected landfills would have to submit a report by **June 30<sup>th</sup>, 2009** on the design, operation, maintenance and monitoring of landfill gas collection and control facilities. By **December 31<sup>st</sup>, 2010** affected landfills would be required to have landfill gas collection and control facilities in-place and operational.

Municipalities and private landfill owners have expressed their concerns with the proposed regulations stating that carbon credit sale revenue may not be available to help offset the costs of the required systems. Additionally, the issue of timing has been voiced. Many landfills in Ontario are nearing the end of their operating life and the proposed regulations would burden the sites with insufficient time to generate the revenue to install the required systems.

