

A New Brunswick farm takes on odour control

Metz Farms in St. Marie de Kent, New Brunswick, had a serious problem with odour from its 10,000-head hog facility. Having faced opposition to its facility, Metz Farms investigated new

technologies to reduce odour associated with barn air emissions. After intense research, Metz Farms chose the ozone system provided by **Ozone Solutions Inc.**

The results were amazing. Employees, truck drivers and neighbours all

noticed a difference. Not only did it reduce odours, it also provided an overall comfort level to the employees and animals, and a decrease in air borne dust particles. For more information, visit the Ozone Solutions Inc. web site at www.ozoneapplications.com.

Bloom
1/4 horiz
b/w
#55

Saskatoon introduces the canola bus

The City of Saskatoon recently introduced its **BioBus Project**, a pilot project that will evaluate the commercial use of canola biodiesel.

Over the next two years, two Saskatoon Transit Service buses will use a 5% blend of canola biodiesel while two other 'control' buses will run with conventional fuel. Midway through the project, the buses will be switched. Each bus will be scientifically monitored, measured, and evaluated for characteristics such as emissions, fuel economy and engine wear.

For more information on this project, visit the Saskatoon web site at www.city.saskatoon.sk.ca/org/transit/biobus.asp.

Small town Nova Scotia's decentralized sewer solution wins award

Little Dover, like most fishing villages in Nova Scotia, has extremely poor soil conditions that provided for inferior conditions for on-site sewer systems. This has resulted in contamination problems within the community. To overcome those challenges, the town came up with a practical and efficient wastewater collection system at an affordable cost using innovation in design and funding/cost sharing methods.

The Municipality had to implement new policies, procedures and programs to clean up the community including a) innovative design for the wastewater collection and treatment system, b) wastewater management district to allow access to all private properties, c) low income exemptions and policies for capital charges and capital charge payment plans, and d) partnerships with three levels of government and multiple government departments.

To learn more about Little Dover's project and the InNOVAward that was presented to the community by the provincial government, visit Nova Scotia's government web site at: www.gov.ns.ca/snsmr/muns/awards.

Grey Goose
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b/w
#38

New technology helps recently merged municipalities

With the recent merger of seven municipalities in Ontario, now all part of the City of Hamilton, the new municipality's public works department has chosen **Intergraph Mapping** and **Geospatial Solutions** to improve delivery of public services to residents. Prior to the merger, the city's existing spatial and asset management systems operated independently, resulting in duplication of data and effort, and overall operating inefficiencies. With the merger, the public works, transportation, environment, and operations departments will now provide service to the expanded municipality.

The new system will allow Hamilton to tightly integrate its asset data. Using their existing database and infrastructure management system, the city employees will be able to store unified records, move information seamlessly between two databases, eliminate redundant data entry and synchronize problems. The technology will also give city employees the capability to access work orders, customer service requests, and asset groups.

For more information, please visit www.imgs.intergraph.com.

Biogas technology to create electricity in Saskatchewan

SaskPower and **Clear-Green Environmental Inc.** have announced they will partner in a two-year demonstration of technology that uses animal manure to generate heat and electricity.

The biogas will be produced at a hog facility near Cudworth using a digester process that relies on bacteria to break down the manure in a large enclosed tank. The biogas will be drawn off and piped into four microturbines that will generate enough electricity for about 30 homes.

The Clear-Green technology can also be used with food processing and slaughter plant waste, all forms of manure, and municipal waste streams.

Reduce costs through MMEP

The **AMM**, along with **Manitoba Hydro, Agriculture Canada, Environment Canada, Manitoba Conservation, Manitoba Culture, Heritage and Tourism**, and **Manitoba Intergovernmental Affairs**, has partnered in the **Manitoba Municipal Efficiencies Project (MMEP)**. The MMEP enables smaller municipal governments to reduce their

costs by increasing their energy, water and other resource efficiencies. Several municipalities have already taken advantage of the program with several more underway.

To find out how the MMEP can benefit your municipality, contact AMM representative Joe Masi at amm@amm.mb.ca or Lisbeth Liebgott at lliebgott@env.gov.mb.ca. ●

All Things Energy

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b/w

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