

# ENVIRONMENTAL MANAGEMENT

Greater Toronto Airports Authority  
Fact Sheet

*at Toronto Pearson International Airport*

The Greater Toronto Airports Authority (GTAA) has a department dedicated to dealing with environmental related issues. The GTAA's Environmental Management System (EMS) for Toronto Pearson International Airport was the first system to be certified to the ISO 14001 standard for an airport in North America. The GTAA sets both short and long term targets to fulfill environmental objectives.

## **ISO 14001 is an international environmental standard that specifies:**

- The requirement for an environmental policy
- Environmental impact assessment of products, activities and services
- Planning objectives and measurements
- The implementation and operation of an environmental management system that includes programs to meet objectives and targets

## **Stormwater Management**

- \$150 million has been spent over the past 10 years building stormwater facilities, greatly improving the quality of stormwater leaving the airport.
- An extensive water sampling program allows for the investigation into potential problems and continual performance improvements.
- The Central Deicing Facility allows for comprehensive collection of glycol-contaminated runoff.
- Glycol is recycled for sale to secondary markets.

## **Energy Management**

- The GTAA's energy management program began in 2004 with the establishment of an energy management committee. An employee education program was started in 2005.
- Energy savings have been realized by extensive use of motion sensors, temperature adjustments, reduced lighting levels in specific areas and changing to compact fluorescent bulbs.

## **Waste Management**

- The GTAA operates recycling programs throughout the airport, including an organic stream.
- The airport logistics program manages reuse or recycling of retail packaging and waste from the terminals.
- Construction and demolition waste recycling and reuse targets are written into applicable contracts.
- Specialty items are disposed of in an environmentally friendly way, including batteries, computers and other materials.

## Ecology

- The GTAA has completed a major holistic restoration of Etobicoke Creek and its tributary, Spring Creek.
- GTAA employees participate in creek clean-up events annually.
- The GTAA has partnered with Toronto and Region Conservation Authority on many exciting projects including Partners in Project Green ([www.partnersinprojectgreen.com](http://www.partnersinprojectgreen.com)).

## Green Buildings

- The GTAA added a sustainable design section to the Airport Construction Code in 2000 and has a green building policy.
- The first Leadership in Energy and Environmental Design (LEED) silver-certified building at the Airport came into operation in 2007.
- Two more LEED projects are currently being worked on, one at the design stage and one at the planning stage.

## Noise

- The GTAA continually monitors aircraft noise and the impact it may have on those within close proximity to Toronto Pearson.
- The GTAA's Noise Management Office documents public concerns or inquiries regarding noise and influences airlines and air traffic control to take steps to minimize noise whenever possible.

## Wildlife

- The Authority contracts a third party to manage wildlife activities in an effort to avoid conflicts between wildlife and aircraft at Toronto Pearson



Greater Toronto Airports Authority  
Media Office - 416.776.3709

For additional fact sheets on GTAA and Toronto Pearson visit [www.GTAA.com](http://www.GTAA.com)