

**Responsibility** for environmental management at Transport Canada does not lie solely with the Environmental Affairs **team**.

**Every directorate** is involved.

This is a matter not just for **specialists** but for all **employees**.

Staff and management, backed by a **team** of **environmental** specialists, make sure Transport Canada's **operations** and **facilities** **respect** the environment. Transport Canada takes environmental **protection** seriously.

# The best transportation system for Canada and Canadians.



## Information

To obtain further information on our environmental protection programs and services, please contact us:

Transport Canada  
Quebec Region  
Programs Directorate  
Environmental Affairs  
700 Leigh Capreol, 3rd floor  
Dorval, Quebec H4Y 1G7

Telephone:  
**(514) 633-2916**  
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**(514) 633-3353**

[www.tc.gc.ca/quebec/en/environment](http://www.tc.gc.ca/quebec/en/environment)

Aussi disponible en français

**"The environment: an idea that's going places"**

# compliance

## Environmental compliance

The environment is a priority for Transport Canada. All employees make sure activities, operations and facilities comply with laws, regulations, policies and sound practice where the environment is concerned.

### Environmental studies

An environmental study gives a wide-ranging image of our facilities and operations. Anything that fails to comply with applicable laws and regulations can be detected here. Environmental studies may lead to corrective measures such as soil decontamination.



Did you know that snow clearance from airport runways and de-icing of aircraft can harm the environment if the facilities and procedures do not comply with applicable standards?

### Environmental impact evaluation

Under Canada's laws on environmental evaluation, all projects with which Transport Canada is involved must go through an environmental impact evaluation process. In cases where a project could produce negative impacts on the environment, actions are taken to eliminate or alleviate these effects.

Did you know that, when waterfowl habitat is likely to be disturbed by our activities, we offset these harmful effects with various projects such as setting up a spawning ground or revegetating the shoreline?



Transport Canada applies the laws to make sure Canada's transportation system does not harm the environment. Safety is also part of the agenda!

### Shipment of hazardous goods

The shipment of hazardous goods, whether by road, rail, air or sea, is performed safely thanks to Transport Canada's inspections of transportation operators. Our staff help enforce the Transportation of Dangerous Goods Act. Their work contributes to reducing the risk of ecological catastrophe.



Did you know that about 27 million shipments of hazardous goods take place annually in Canada, totalling 220 million tonnes?

### The condition of ships

Boats can pollute bodies of water with hydrocarbons, chemical products, garbage and sewage. They can pollute the air with gas emissions. To reduce pollution risks, Transport Canada makes sure that ships possess the protective means set out in the regulations. It also intervenes in the way ships are run.



Did you know that 2,931 ships passed through the St. Lawrence Seaway in 2000, carrying a total of 3,541,000 tonnes of cargo?

## Preventive management of the environment

Beyond laws and regulations, Transport Canada minimizes the negative impact of its operations and facilities by intervening proactively.

### Environmental Management System

The Environmental Management System (EMS) contains a series of programs set up to enable Transport Canada to remain an enterprise concerned

with the environment. It includes programs for waste management, de-icing products management, and water monitoring.

Did you know that more than 20 tonnes of paper are recycled each year in Transport Canada's administrative buildings in the Quebec region?



### Wildfowl control

Birds are the cause of numerous accidents involving aircraft. To reduce the number of accidents, it is important to make pilots aware of the consequences of collisions with birds. Transport Canada has equipped itself with control and information tools destined to all aircraft pilots.



Did you know that there is a falconry at Dorval airport? The winged staff are well trained to keep birds away!

For further information on bird hazards, please consult the following Web site:

[www.tc.gc.ca/quebec/nad\\_a/nad\\_faune\\_a.html](http://www.tc.gc.ca/quebec/nad_a/nad_faune_a.html)

## Application of corrective measures

Transport Canada acts promptly when the health of individuals is at risk or when a regulation is violated. An action plan has been devised for rapid application of measures to control or solve problems that come to light in environmental studies.

### Rehabilitation of contaminated land

Since 1991, Transport Canada has chosen to decontaminate soil rather than remove and confine it. An average of more than half a million dollars are invested annually in various projects in the Quebec region.

Did you know that there exist certain types of bacteria that can eliminate petroleum products found in contaminated soil?



### Groundwater Remediation

Despite Transport Canada's continuous environmental safeguards, operations may occasionally lead to contamination of groundwater. The consequences are sometimes substantial, especially where underground water is used as a source of drinking water. The groundwater must then be restored to its original state.

Did you know that nearly one-quarter of Quebec's people depend on underground water for their domestic needs?



### Noise management

Transport Canada is concerned with the repercussions of the noise produced by airport, railway or port activities on nearby localities. To find local solutions and reach friendly agreements, communications are facilitated among various players such as air traffic controllers, major airport operators, transportation companies, municipal authorities and citizens' groups.

Experience has shown that steps such as these can lead to the implementation of measures that help reduce the noise nuisance for affected citizens.



Did you know that complaints from people in Quebec City led Transport Canada to adopt a regulation forbidding commercial sightseeing flights in the control zone of the city's Jean Lesage International Airport?

These activities all contribute to the department's progress along the road to sustainable development.

# sustainable

