

Transboundary Notification - Canada/US Air Quality Agreement

Why are Notifications required?

Under Article V of the Canada/U.S. Air Quality Agreement, Canada is obligated to notify the U.S. of any proposed actions, activities or projects which, if carried out, would be likely to cause significant transboundary air pollution.

How is notification effected?

Notification forms are provided at the following web address:

www.ec.gc.ca/pdb/can_us/canus_trans_e.cfm

When is Notification required for NEW sources?

Notification is required for any NEW air pollution source located within 100 km of the Canada/U.S. border that is expected to emit:

- ◆ greater than 90 tonnes per year of any one of the common air pollutants:
 - sulphur dioxide (SO₂),
 - nitrogen oxides (NO_x),
 - carbon monoxide (CO),
 - total suspended particulates (TSP) and
 - volatile organic compounds (VOC), where VOCs are defined as compounds containing at least one carbon atom, excluding carbon monoxide, carbon dioxide, methane and chlorofluorocarbons.

 - ◆ greater than 1 tonne per year of any one hazardous air pollutant.
 - For the purposes of this Notification, a hazardous air pollutant is any substance in the National Pollutant Release Inventory
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When is Notification required for modified sources?

Notification is required for any modified air pollution source located within 100 km of the Canada/U.S. border that is expected to result in:

- ◆ An **increase** of emissions that is greater than 40 tonnes per year of any one of the common air pollutants:
 - sulphur dioxide (SO₂),
 - nitrogen oxides (NO_x),
 - carbon monoxide (CO),
 - total suspended particulates (TSP) and
 - volatile organic compounds (VOC), where VOCs are defined as compounds containing at least one carbon atom, excluding carbon monoxide, carbon dioxide, methane and chlorofluorocarbons.

 - ◆ **Total** emissions greater than 1 tonne per year of any one hazardous air pollutant.

For the purposes of this Notification, a hazardous air pollutant is any substance in the National Pollutant Release Inventory
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**Where do I
send
notification?**

Transboundary Notification Air Issues Branch
Environmental Protection Service
Environment Canada
Ottawa, Ontario
K1A 0H3

**Air Quality
Management**

The Air Quality Management Services provided by LEHDER include:

- Regulatory Negotiations and Strategic Planning
 - Applications for Permits, Licenses and Certificates of Approval
 - Source Testing (Air)
 - Compliance
 - Engineering/Process Evaluations
 - Odor Evaluations
 - Compliance Odor Testing
 - Dispersion Modeling
 - Ontario Reg. 346
 - ISCST3
 - ISCST Prime
 - AERMOD
 - Screen 3
 - Preparing Source and Emission Inventories
 - Annual Emission Inventories
 - NPRI, TRI
 - NEITPG, OMEMR
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**For further
information**

For further information please contact:

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**About
LEHDER**

LEHDER recognizes our client's need to make decisions that provide for operational flexibility while meeting regulatory, economic and social requirements.

LEHDER Environmental Services Limited provides totally integrated solutions to industrial clients throughout North America. Our team of consulting professionals is built around our core strength in industrial environmental, health and safety management.

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