

**CANADA-WIDE STANDARDS FOR MERCURY AND DIOXINS/FURANS  
IMPLEMENTATION PLAN FOR YUKON TERRITORY  
~ WASTE INCINERATION FACILITIES ~**

**GENERAL ACCOUNTABILITY**

- The Yukon's overall approach to the implementation of CWS for new and existing facilities will be to incorporate the CWS for both Mercury and Dioxins & Furans into the permit requirements for each individual facility.
- Environment Yukon will incorporate conditions into the existing permit upon renewal. These amendments will prescribe either a stack test or a waste diversion program audit as required to achieve compliance with both CWS.
- New facilities will be required to comply with the standards immediately.
- There are no municipal solid waste, hazardous waste, or sewage sludge incinerators operating in the Yukon. The Yukon has one existing modern biomedical waste incinerator with emission control equipment consisting of a monitor, scrubber, and neutralizer. This facility burns approximately 6.2 tonnes per year (1999 data) and is permitted under the Yukon's *Air Emissions Regulations*.

**NUMERIC TARGET/TIMEFRAMES**

- At the existing biomedical waste incineration facility, dioxin and furan emissions will be less than 80 pg/m<sup>3</sup> I-TEQ, and mercury emissions will be 40ug/Rm<sup>3</sup> maximum. This facility will be required to make determined efforts to continuously achieve these stack concentrations by 2006.
- For mercury, the Yukon will report to CCME, in 2004, 2007, and 2010, on the efficacy of the "determined efforts" of the incinerator operator to achieve compliance with the numerical standards.
- For dioxins/furans, the Yukon will provide an interim report to CCME in 2004 and a final evaluation report 2008.

**PUBLIC ROLE**

- There is no pre-defined public role in the achievement of these standards for the existing biomedical waste incinerator
- Any applications for new incineration facilities will be subject to the Department's public consultation policy, which requires public notification followed by a public review period lasting at least two weeks.

### **ACCESS TO INFORMATION**

- Information on the facility's emissions, or measures taken to reduce those emissions, may be obtained through direct request to Environment Yukon, or through the *Access to Information and Protection of Privacy Act*.
- Information on emissions, or measures taken to reduce those emissions, may be obtained through direct request to Environment Yukon, or through the *Access to Information and Protection of Privacy Act*.
- All permits issued under the *Air Emissions Regulations*, are maintained in a Public Register, which is available at the Department's head office.
- Environment Yukon will provide a published record of this CWS achievement through updates to this Implementation Plan. Public will have access to this information through the CCME website. Specific information will be also available upon request to the Department.

### **VERIFIABLE PROGRESS**

- The permit issued to the only existing incinerator in the territory will be amended upon renewal in 2004 to include a requirement that the facility's "determined efforts" to achieve the CWS be documented and provided to the Department of Environment upon request.

### **CO-BENEFITS**

- The existing permit for the biomedical waste incinerator already specifies a limit for particulate matter. As a result of these Standards, it is anticipated that additional compounds will also be controlled.