



## Environmental Management Newsletter

POLLUTECH ENVIRONMENTAL CONSULTANTS are independent Canadian consulting firms providing services nationally and internationally in the fields of environmental engineering, chemistry and biology.

**Selected Areas of Expertise:**

**CORPORATE SERVICES**

- Plant Audits, ISO 14000
- Property Transfer Evaluations
- Decommissioning Studies
- Environmental Risk Assessments
- Expert Testimony
- Arbitration and Mediation
- Corporate Consulting & Advisory Services

**ENVIRONMENTAL GEOLOGY**

- Investigation of Contaminated Groundwater and Soils
- Drilling programs
- Geophysical Investigations
- Computer Modeling

**WORKPLACE ENVIRONMENT**

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- Industrial Hygiene & Occupational Health
- Employee Training Programs

**PROCESS EVALUATIONS**

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- Water Treatment
- Atmospheric Discharges
- Hazardous Industrial Wastes
- Waste Recovery & Utilization

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- Environmental Assessments
- Water Resource Evaluations
- Computer Modeling
- Phytoecology

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- Bench Scale Testing
- Pilot Plant Evaluations
- Analytical Services
- Toxicity Testing
- Great Lakes Testing Facility



### New Fee Structure and Approvals Submission Requirements for Certificate of Approvals (Air)

The Ministry of Environment has released a revised procedure for preparing emissions summaries and dispersion modeling and a new fee structure for Certificates of Approval (Air) applications. As of October 1st, 1998 all applications under Section 9 of approvals must include information that demonstrates that the entire facility complies with Section 5 of Regulation 346 under the Environmental Protection Act (EPA) for the contaminants submitted in the application. The past practice of limiting the requirement for site wide assessments to sources that contribute greater than 25% of the regulatory limit for the contaminants of concern in the course of reviewing applications for approval has been discontinued. Emission rates used in dispersion modeling are now required to be the aggregate maximum half hour average emission rates from all sources of that contaminant occurring during the maximum emissions or worst case scenario. Each and every source at the facility shall be considered regardless of when a source was installed or whether or not approval under Section 9 of the EPA was obtained for that source.

The *new* fee structure for Certificate of Approvals (Air) came into force in October 1st, 1998. The *new* fee structure has moved away from the old fee structure which was based on the capital cost being spent by the applicant to a block fee approach that reflects the review time required to assess the application. The fee schedule has three distinct parts: 1) a standard administrative fee (\$100 for amendments, \$200 for new applications), 2) a block fee for common process applications that have well defined environmental impacts (typically \$400 per source, but as much as \$1,200 per source), and 3) additional fees for any intensive reviews, (including hearings, noise reviews, emissions inventories, review of contaminants emission limits) which are at the discretion of Director, may cost anywhere from \$0-\$3,000 depending on the level of effort required to complete the review.

**Case Study:** Using a simple example, Widget Manufacturing is going to install six new welding stations. Under the old system the total application cost would be 2% of the capital cost of the exhaust system (fan, vents, piping,. For this example we will assume that the cost of the exhaust system is \$75,000. Hence, under the old system the total application cost would be \$1,500. Using the new system, the fee for this Certificate of Approval would be \$200 for administration and \$400 as required by Schedule 1. If a review of an emissions summary is required it could cost from 0\$ to \$3000 depending on the number of sources under review. In this case six sources would cost \$1,000. Furthermore, if a noise assessment is necessary, the cost for equipment that is located within 500 meters of a residential building is \$400 for the first 5 pieces of equipment and \$100 for each additional piece of equipment to which the application relates. In this case, the noise assessment fee could be as much as \$500. Hence, the total fee for this example could range from \$600 to \$2,100 depending on the level of effort required by the Ministry to complete the review.

You can obtain a copy of the *new* fee structure and *new* guidelines for preparing an emissions summary and dispersion modeling report from the Ministry of the Environment at 1-800-461-6290 or by contacting one of our technical staff.



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