

MAR 30 '98 13:11 FR

TO BROEN / MCDONALD P.02/03



CANADIAN TOBACCO
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COUNCIL

CONSEIL CANADIEN
DES FABRICANTS
DES PRODUITS DU TABAC

MEMORANDUM

TO: Ops
cc: Rob Parker
Marie-Josée Lapointe

FROM: David Small

DATE: March 30, 1998

RE: VENTILATION AND PUBLIC SMOKING. CONSUMERS GAS NOW ON SIDE IN TORONTO

Copy
M. Hutchinson
M. Parker

At discussions late last week between the Ontario Restaurant Association and Consumers Gas, the latter have agreed to publicly support the ORA's call for a ventilation response to the issue of public smoking in Toronto and environs.

Consumers Gas has an established reputation in areas of indoor air environment; their representative Mr. Norman Hutchinson has worked on air quality issues - including workplace smoking and committee work for ASHRAE.

Consumers Gas interest in a ventilation solution may be obvious but they seem to also understand what's involved in attending meetings with councillors, deputations before city councils, etc.

Mr. Hutchinson made the following points at the ORA meeting:

- An air quality solution will range in cost between \$ 10,000 and \$ 50,000 depending on a number of factors unique to the establishment. For example, the City Grill at the Eaton Centre would be closer to \$ 50,000 because they don't control their air and they have particular problems with their ceiling etc.
- A CO₂ monitor can correctly be referred to as an "air quality monitor" (or sensor) as it measures all of the gasses in the air but does not identify them - it identifies CO₂ as a sort of aggregate.

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MAR 30 '98 13:12 FR

TO BROEN / MCDONALD P.03/03

- 2 -

- Mr. Hutchinson is adamant that the only rates for acceptable air are under ASHRAE so therefore the CO₂ levels outlined there are the acceptable rates - end of story: average should be 680 ppm - if it gets to 1,000 ppm time to do something about it but 5,000 ppm would be dangerous.
- Mr. Hutchison notes that there are air quality standards for outside but the city does not ban traffic when Toronto had air advisories far exceeding the guidelines - this is far more "dangerous" than anything in ETS.
- Mr. Hutchinson is very good at explaining that a number of the "suspected" carcinogens in ETS are just assumed because they are present with combustion but that if you had all the expensive equipment in the air, you would not be able to find even trace amounts of most of them.
- On the issue of particulates, Mr. Hutchinson notes (and Derrick Finn our technical advisor agrees) that there are all types of particulates - some is just plain dust - so it would depend on what types of particulates are present. The machinery to detect one or another type of particulate is phenomenally expensive.
- Interestingly, he's also strongly committed to directional air flow; the cornerstone of the Courtesy of Choice program.

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