

AN ORDER OF THE CLEAN ENVIRONMENT COMMISSION

UNDER THE CLEAN ENVIRONMENT ACT

RE: The Clean Environment Commission and the Concordia Hospital, applicant

WHEREAS pursuant to the provisions of the Clean Environment Act, Plibrico (Canada) Limited, on behalf of the Concordia Hospital, 400 De Salaberry Avenue, Winnipeg, has submitted an application to the Clean Environment Commission to prescribe limits in connection with the operation of an incinerator to serve the hospital facilities at 1095 Concordia Avenue, in the City of Winnipeg, Manitoba,

AND WHEREAS no representation was made to the Clean Environment Commission by any person who is, or is likely to be affected by an Order of the Commission prescribing limits in connection with the said operation,

AND WHEREAS the Clean Environment Commission considered the application on the 25th day of June 1974, and again on the 8th day of July, 1974,

IT IS HEREBY ORDERED THAT

- * 1. The applicant shall ensure that only the following types of wastes are charged to the incinerator:
 - (a) types 1,2, and 3--to the RB 100 unit,
 - (b) type 4 (pathological)--to the RB 50 unit,
- 2. The applicant shall ensure that the said incinerator is operated in such a manner that the visible smoke emissions are limited to a density of:

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- (a) not more than No. 2 on the Ringelmann Smoke Chart for a period or periods totalling not more than four minutes in one half hour, nor more than eight continuous minutes, at any one time, at the point of emission, and
- (b) not more than No. 1 on the Ringelmann Smoke Chart during any time other than the period or periods prescribed in (a) above, at the point of emission

*Original to be destroyed, August 1974
Assigned to
A. W. Elias
Oct 29/74*

3. The applicant shall ensure that the emissions of solid particulate matter from the incinerator do not exceed 0.57 grams per standard cubic meter calculated at 20 degrees Centigrade and 760 millimeters of mercury (corresponding to 0.25 grains per standard cubic foot calculated at 68 degrees Fahrenheit and 30 inches of mercury) with a carbon dioxide content of twelve per centum at the point of emission.

Order No. 378

J. M. Sleigh
 Vice Chairman
 Clean Environment Commission

Dated at the City of Winnipeg
 this 9th day of August, 1974.

C-b-849

*Types of Waste

Type 1 - Rubbish, a mixture of combustible waste such as paper, cardboard cartons, wood scraps, foliage and combustible floor sweepings, from domestic, commercial and industrial activities. The mixture contains up to 20% by weight of restaurant or cafeteria waste, but contains little or no treated papers, plastic or rubber wastes.

This type of waste contains 25% moisture, 10% incombustible solids and has a heating value of 6500 B.T.U. per pound as fired.

Type 2 - Refuse, consisting of an approximately even mixture of rubbish and garbage by weight.

This type of waste is common to apartment and residential occupancy, consisting of up to 50% moisture, 7% incombustible solids, and has a heating value of 4300 B.T.U. per pound as fired.

Type 3 - Garbage, consisting of animal and vegetable wastes from restaurants, cafeterias, hotels, hospitals, markets, and like installations.

This type of waste contains up to 70% moisture, 5% incombustible solids, and has a heating value of 2500 B.T.U. per lb. as fired.

Type 4 - Human and animal remains, consisting of carcasses, organs and solid organic wastes from hospitals, laboratories, abattoirs, animal pounds, and similar sources, consisting of up to 85% moisture, 5% incombustible solids, and has a heating value of 100 B.T.U. per pound as fired.

**Ringelmann Smoke Chart

- means the Ringelmann Smoke Chart published by the United States Bureau of Mines and used in accordance with the instructions published by the Bureau. Smoke density may also be measured by any other instrument which can be correlated with the standard Ringelmann Smoke Chart.