

293
m.s.

AN ORDER OF THE CLEAN ENVIRONMENT COMMISSION
UNDER THE CLEAN ENVIRONMENT ACT

Re: The Clean Environment Commission and The Bay, applicant,

WHEREAS pursuant to the provisions of The Clean Environment Act, The Bay at the south east corner of Portage Avenue and Memorial Boulevard has submitted an application to the Clean Environment Commission to prescribe limits in connection with the operation of an incinerator located on the premises at the south east corner of Portage Avenue and Memorial Boulevard, Winnipeg,

AND WHEREAS a representation was made to the Clean Environment Commission by a 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 held a public hearing on the 25th day of September, 1972,

AND WHEREAS the Clean Environment Commission considered the application on the 14th day of May, 1973,

IT IS HEREBY ORDERED THAT

1. The applicant shall ensure that within eighteen months from the date of issuance of this Order the said incinerator is modified such that the emission criteria as shown in Schedule A attached herewith are met,
2. The applicant shall ensure that within twelve months of the date of issuance of this Order, proposals are submitted to the Commission which indicate how the emission criteria as shown in Schedule A are to be met,
3. The applicant shall ensure that the incinerator is charged with Type 1* waste only,
4. The applicant shall ensure that the incinerator is operated in accordance with the manufacturer's instructions.

Cancelled

*Assigned to Eng Dept.
June 22/73
St. M. S. / m.s.*

Order No. 293

Dated at the City of Winnipeg
this 15th day of June 1973

S. M. Sleight

Vice Chairman,
Clean Environment Commission

*cc: Regional Services
Aug 17/73*

SCHEDULE "A" - ATMOSPHERIC EMISSION CRITERIA

1. In this Schedule:

- a) "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 said Bureau.
- b) "Smoke" means the emissions, whether visible or not, resulting from oxidation, or other chemical action, and containing either liquid or solid particles less than one-tenth of one micron in mean diameter.
- c) "Point of impingement" means the place or point of impingement of an emission with or at the ground.

2. (1) Smoke

i. shall be limited to a density of not more than number two 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 time at the point of emission.

ii. shall be limited, during the lighting of new fires in heating equipment, to a density of not more than number three on the Ringelmann Smoke Chart for a period or periods totalling not more than three minutes in one quarter hour nor more than six continuous minutes at any time at the point of emission.

(2) Solid particulate matter

shall be limited to a weight of not more than two and half tenths (0.25) of one grain per cubic foot of atmosphere calculated at a temperature of sixty-eight (68) degrees Fahrenheit and at a pressure of thirty (30) inches of mercury at the point of emission.

Cancelled

- (3) Solid products of combustion - shall be limited to a weight of two and half tenths (0.25) of one grain per cubic foot of gas calculated at a temperature of sixty-eight (68) degrees Fahrenheit and at a pressure of thirty (30) inches of mercury and with a carbon dioxide content of twelve per centum at the point of emission.
- (4) Sulphur compounds calculated as sulphur dioxide shall be limited to two-tenths (0.2) of one per centum by volume of the gases present calculated at a temperature of sixty-eight (68) degrees Fahrenheit and at a pressure of thirty (30) inches of mercury.
3. Other and specific contaminants at point of impingement for the air contaminant listed in column 1 of Table 1 hereunder the amount thereof in the atmosphere at the point of impingement measured in accordance with column 2 shall not be greater than the amount shown in column 3 for the period of time shown in column 4.

Cancelled

TABLE I

ITEM	COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4
	name of contaminant	measurement of concentration	amount of concentration point of impingement	period of time measured
1	sulphur dioxide	parts of sulphur dioxide per one million parts of air by volume	0.3	30 minutes average
2	suspended particulate	micrograms of suspended particulate per cubic meter of air	100	30 minutes average
3	dustfall	tons of dustfall per square mile per month	15	one month
4	carbon monoxide	parts of carbon monoxide per one million parts of air by volume	5.0	30 minutes average
5	fluorides	parts of fluorides per one billion parts of air by volume	5.0	30 minutes average
6	beryllium	micrograms of beryllium per cubic meter of air	0.01	30 minutes average
7	lime	micrograms of lime per cubic meter of air	20	30 minutes average

ITEM	COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4
8	chlorine	parts of chlorine per one million parts of air by volume	0.1	30 minutes average
9	hydrogen sulphide	parts of hydrogen sulphide per one million parts of air by volume	0.03	30 minutes average
10	ammonia	parts of ammonia per one million parts of air by volume	5	30 minutes average
11	carbon bisulphide	parts of carbon bisulphide per one million parts of air by volume	0.5	30 minutes average
12	hydrogen chloride	parts of hydrogen chloride per one million parts of air by volume	0.04	30 minutes average
13	lead	micrograms of lead per cubic meter of air	20	30 minutes average

Cancelled

Copy Log Services
Aug. 17/73