

Environment Act Licence

Loi sur l'environnement Licence

Manitoba
Conservation
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Manitoba



Licence No./Licence n° 1015 R

Issue Date/Date de délivrance March 30, 1984

Revised: October 1, 2002

**IN ACCORDANCE WITH THE MANITOBA ENVIRONMENT ACT (C.C.S.M. c. E125)
THIS LICENCE IS ISSUED TO:**

BOTHWELL CHEESE INC.: APPLICANT

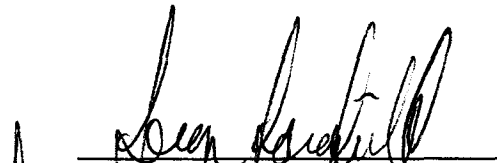
- WHEREAS pursuant to the provisions of The Clean Environment Act, on the 31st day of March, 1972, Toman Engineering Company submitted an application to the Commission, on behalf of the Applicant, to prescribe limits in connection with the operation of an aerated sewage lagoon system located in the SE 1/4 of Section 30, Township 7, Range 5 EPM, in the Rural Municipality of Hanover, Manitoba, for the treatment of liquid waste from a plant for the manufacture of cheese and whey powder, with discharge of effluent via road ditches to the Manning Canal;
- AND WHEREAS the Commission issued Interim Licence No. 206 on the 7th day of September, 1972, prescribing limits in connection with discharges from the said sewage lagoon system for a period of 5 years from the date of issuance;
- AND WHEREAS Interim Licence 206 terminated on the 7th day of September, 1977;
- AND WHEREAS the Applicant filed an application with the department on the 19th day of November, 1979;
- AND WHEREAS in the absence of limits prescribed by a regulation under the said Act, the application was referred to The Clean Environment Commission for the prescribing of limits on the said operation;
- AND WHEREAS after awaiting receipt of an environmental report and after giving notice, the Commission received a representation from a person who was likely to be affected by an order of the Commission prescribing limits, terms and conditions in connection with the said operation;
- AND WHEREAS the Commission held a hearing in New Bothwell on the 9th day of November, 1981, and issued Order No. 936 on the 28th day of January, 1982;

- AND WHEREAS on the 28th day of February, 1983, the Applicant filed a proposal with the department, pursuant to the provisions of the said order, and the provisions of Section 14(1) of the said Act, for the upgrading and continued operation of the said sewage lagoon system;
- AND WHEREAS in the absence of limits, terms and conditions prescribed by a regulation under the said Act, the proposal was referred to the Commission for the prescribing of limits, terms and conditions on the said operation;
- AND WHEREAS after giving notice of the said proposal, and of its intention to consider replacing the said order, the Commission did not receive notice of representation from any person likely to be affected by the said operation;
- AND WHEREAS the Commission considered the proposal on the 19th day March, 1984.

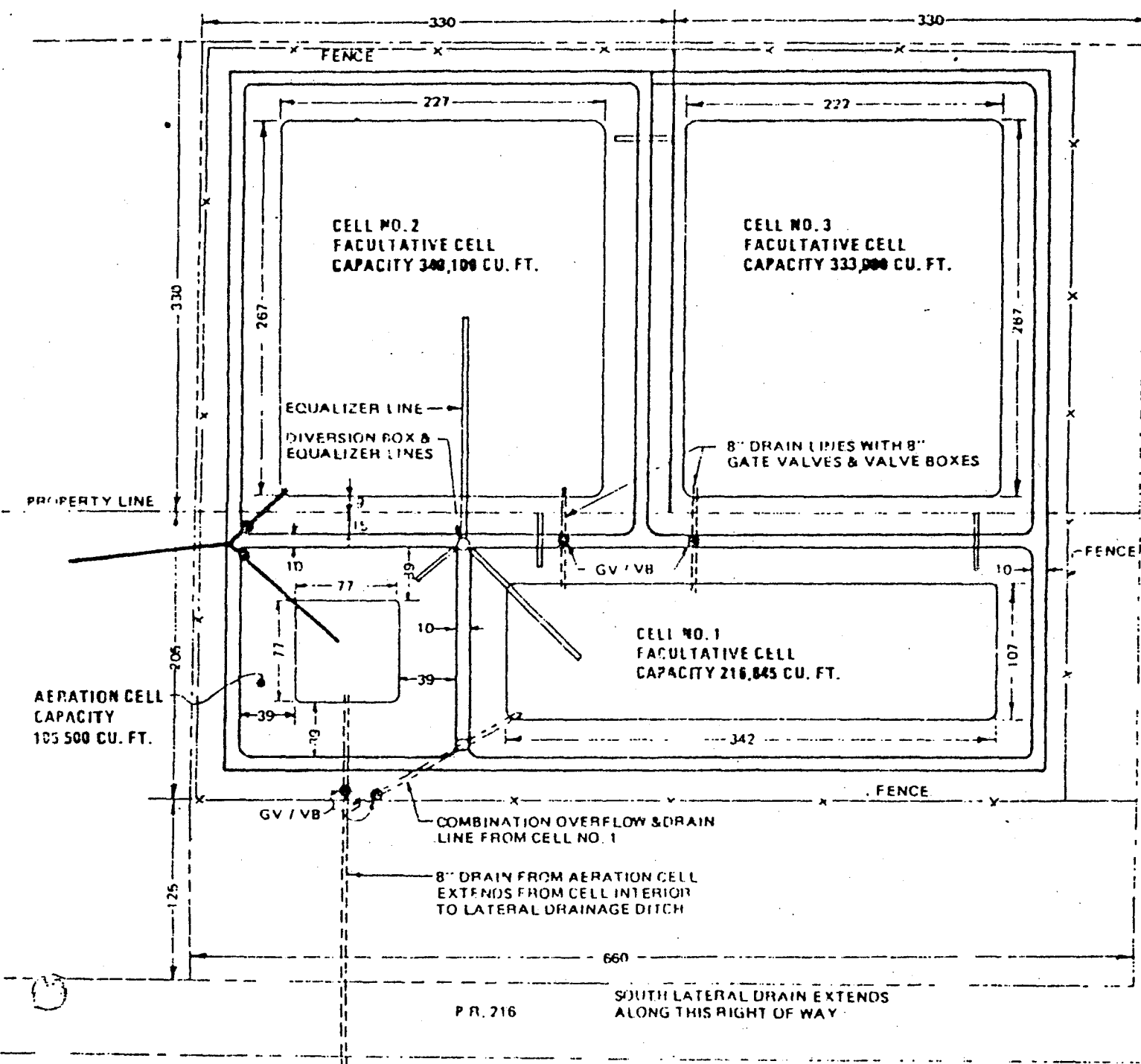
IT IS HEREBY ORDERED THAT:

1. The Applicant shall ensure that the organic loading rate on the said sewage lagoon system, in terms of the five-day biochemical oxygen demand, of the wastewater:
 - a) discharged towards the aeration cell, is not in excess of 260 kilograms per 24-hour period when only a 10HP aerator is functioning in the aeration cell;
 - b) discharged towards the aeration cell is not in excess of 351 kilograms per 24-hour period when both a 10HP and a 5HP aerator are functioning simultaneously in the aeration cell; and
 - c) discharged from the aeration cell towards the lagoon cells #2 and #3 (as shown on the attached diagram labelled Appendix "A") is not in excess of 56 kilograms per hectare per 24-hour period on either said cell, calculated using the liquid surface area of each said cell at the maximum operating depth of 1.5 meters.
2. The Applicant shall not discharge liquid effluent from the wastewater treatment facility:
 - a) where the organic content of the effluent, in terms of the five-day biochemical oxygen demand, is in excess of 30 milligrams per liter;
 - b) where the fecal coliform level of the effluent, as indicated by the MPN index, is in excess of 200 per 100 milliliters of sample; and
 - c) between the 1st day of November of any year and the 15th day of May of the following year.

3. The Applicant shall limit the emission of odours from the said facility to such an extent that odours emanating from the said operation are not detectable at any point of impingement in a residential area at a distance greater than 300 meters from the said facility, when 1 volume of odorous air is diluted with 1 volume of odour-free air.
4. The Applicant shall dispose of sludge and scum removed from the said sewage lagoon system:
 - a) subject to b), at a waste disposal ground designated and registered for that purpose under Manitoba Regulation 150/91; and
 - b) by an alternative method which is satisfactory to the Environmental Stewardship Division.
5. The Applicant shall install and maintain an elapsed time meter on the lift station pump(s) serving the said sewage lagoon system, and post the actual rating of the pump(s), in terms of liters/sec (or igpm), such that daily raw wastewater flow rates can be determined on any day within $\pm 5\%$ error of the true value.
6. Order No. 1015 is hereby rescinded.


-Larry Strachan, P. Eng.
Director
Environment Act

Client File No.: 177.2



EXISTING AERATED LAGOON SYSTEM