

# Environment Act Licence

Manitoba  
Environment



Licence No. 2075  
Issue Date July 19, 1995

In accordance with the Manitoba Environment Act (C.C.S.M. c. E125)

THIS LICENCE IS ISSUED TO:

## RURAL MUNICIPALITY OF WINCHESTER; "the Licencee"

for the construction and operation of the Development being a wastewater treatment lagoon located on the south-west quarter of Section 22-1-22 WPM in the Rural Municipality of Winchester and with disposal of treated effluent by evaporation, in accordance with the Proposal filed under The Environment Act on March 24, 1995 and amended on May 10, 1995, and subject to the following specifications, limits, terms and conditions:

### DEFINITIONS

In this Licence,

“**affected area**” means a geographical area affected by an odour nuisance;

“**appurtenances**” means machinery, appliances, or auxiliary structures attached to a main structure to enable it to function, but not considered an integral part of it;

“**as constructed drawings**” means engineering drawings complete with all dimensions which indicate all features of the Development as it has actually been built;

“**ASTM**” means the American Society for Testing and Materials;

“**bentonite**” means specially formulated standard mill grade sodium bentonite conforming to American Petroleum Institute Specification 13-A;

“**cut-off**” means a vertical-side trench filled with compacted clay or a wall constructed from compacted clay;

“**Director**” means an employee so designated pursuant to the Environment Act;

“**effluent**” means treated wastewater flowing or pumped out of the wastewater treatment lagoon;

“**evaporation cell**” means a cell of the wastewater treatment lagoon system which is the cell that receives treated wastewater from the secondary cell;

**“fecal coliform”** means aerobic and facultative, Gram-negative, nonspore-forming, rod-shaped bacteria capable of growth at 44.5 °C, and associated with fecal matter of warm-blooded animals;

**“five-day biochemical oxygen demand”** means that part of the oxygen demand usually associated with biochemical oxidation of organic matter within five days at a temperature of 20°C;

**“flooding”** means the flowing of water onto lands, other than waterways, due to the overtopping of a waterway or waterways;

**“high water mark”** means the line on the interior surface of the primary and secondary cells which is normally reached when the cell is at the maximum allowable liquid level;

**“hydraulic conductivity”** means the quantity of water that will flow through a unit cross-sectional area of a porous material per unit of time under a hydraulic gradient of 1.0;

**“in-situ”** means on the site;

**“influent”** means water, wastewater, or other liquid flowing into a wastewater treatment facility;

**“low water mark”** means the line on the interior surface of the primary and secondary cells which is normally reached when the cell is discharged;

**“odour nuisance”** means a continuous or repeated odour, smell or aroma, in an affected area, which is offensive, obnoxious, troublesome, annoying, unpleasant, or disagreeable to a person:

- (a) residing in the affected area;
- (b) working in the affected area; or
- (c) present at a location in the affected area which is normally open to the members of the public;

if the odour, smell or aroma

- (d) is the subject of at least 5 written complaints in a form satisfactory to the Director and from 5 different persons falling within clauses (a), (b) or (c), who do not live in the same household, received by the Director within a 90 day period; or
- (e) is the subject of at least one written complaint in a form satisfactory to the Director from a person falling within clauses (a), (b) or (c) and the Director is of the opinion that if the odour, smell or aroma had occurred in a more densely populated area there would have been at least 5 written complaints from 5 different persons who do not live in the same household within a 90 day period;

**“MPN Index”** means the most probable number of coliform organisms in a given volume of wastewater which, in accordance with statistical theory, would yield the observed test result with the greatest frequency;

**“primary cell”** means the first in a series of cells of the wastewater treatment lagoon system and which is the cell that receives the untreated wastewater;