

BY-LAW NO. 19
A BY-LAW TO REGULATE THE USE OF WATER WELLS FOR
GEOHERMAL HEATING AND COOLING SYSTEMS

The Council of the Village of Salisbury, under authority vested in it by the Municipalities Act, enacts as follows:

1. Supply wells used in conjunction with ground water source heat pumps:
 - (a) Shall be constructed, operated, maintained and abandoned in compliance with Water Well Regulations 83-125 under the clean Environment Act;
 - (b) When providing water having an objectionable quality, the said water shall not be returned to an aquifer or portion of an aquifer containing water of a higher quality;
 - (c) Water returned to the subsurface through a well shall be of essentially the same quality both chemically and bacteriologically as it was prior to use except for the temperature differential;
 - (d) The heat pump system shall be equipped with an automatic devise to shut down the entire system, if a leak occurs in the refrigeration system;
 - (e) An approved backflow prevention device must be installed immediately ahead of the pump unit to protect both the supply well from contamination and the water user;
 - (f) Each geothermal heating type system shall be so designed so that incoming water from one well or aquifer for use in the heating or cooling unit is returned to the water table as waste water by means of a second and separate well or aquifer in accordance with subsection 1(c) thereof;
2. No person shall discharge water from any heating or cooling unit into the storm collection system, roadside ditches, field tiles or ground surface, or open ditches without written approval from the Building Inspector.
3. Discharging water from any heating or cooling unit into a sanitary sewerage collection system and treatment facilities is prohibited.
4. Any person with a geothermal system shall be required to cease use of well water for heating or cooling upon written notice from the Village of Salisbury if the water level in surrounding wells is threatened.
5. A person who contravenes any provision of this by-law is guilty of an offence and is liable, on summary conviction to a fine of not more than two hundred dollars and in default of payment is liable to imprisonment in accordance with subsection 3(3) of the Summary Convictions Act.

First Reading - May 27, 1985

Second Reading - May 27, 1985

Third Reading and Enactment - June 24, 1985