

APPENDIX B

SANITARY CODE FOR THURSTON COUNTY

GEOLOGICALLY SENSITIVE AREAS

A. McALLISTER GEOLOGICALLY SENSITIVE AREA.

1 Creation of Geologically Sensitive Area. Pursuant to Chapter 70.05 RCW and Article I, Section 20 in the Sanitary Code for Thurston County, the area described in subsection 2 of this Section constitutes a geologically sensitive area to be known as the McAllister Geologically Sensitive Area (McAllister GSA).

2 Area of McAllister GSA. The McAllister GSA comprises the territory shown on the parcel specific map entitled "McAllister Geologically Sensitive Area, August 13, 1990", with a notation referring to Resolution No. H3-90 in the custody of the Thurston County Public Health and Social Services Department.

3 Sewage Disposal Regulations. In addition to any other requirements imposed by this Code, the following requirements shall apply within the McAllister GSA:

- (a) Any on-site sewage disposal system for which a permit to install, connect, repair, alter, extend or relocate is issued on or after August 15, 1990:
 - (i) shall contain a pressure distribution system in accord with State Department of Health Technical Review Committee Guidelines;
 - (ii) shall have SSAS trenches or beds no deeper than thirty (30) inches below the surface of the ground;
 - (iii) shall have at least thirty-six (36) inches of separation between the bottom of any SSAS trenches or beds and the maximum seasonal ground water elevation or any impermeable layer. The health officer may require greater vertical separation if necessary for public health protection.

- (b) Whether or not an operational permit is required, any dwelling unit or other premises where sewage originates within two hundred (200) feet of a public sewer system shall be connected to the sewer system pursuant to Article IV, Section 7.
- (c) Building site approvals may be issued for uses other than single or multi-family residential only if:
 - (i) the designed sewage flow is no greater than four hundred and fifty (450) gallons per five (5) acres per day, and
 - (ii) the waste entering on the on-site system is equivalent in quality to typical residential waste.

4 Agriculture.

- (a) The Thurston County Cooperative Extension Office is requested annually to review best management practices for the use of pesticides and fertilizers within the McAllister GSA. The procedures used in this review should be submitted to the Board of Health for approval by January 1, 1991.
- (b) The health officer shall work with the North Thurston School District and any public or private agency owning or operating parks within the McAllister GSA to obtain better compliance with best management practices for pesticides and fertilizers.

5 Stormwater and Hazardous Materials.

- (a) Pesticides shall not be used to maintain any County property in the McAllister GSA.
- (b) The health officer shall send letters to the director of the State Department of Transportation and to the governing officials of the Fort Lewis Military Reservation, Nisqually Indian Reservation and Puget Power requesting that chemical methods not be used to maintain any rights-of-way located within the McAllister GSA or over ground water which the health officer deems is connected to the aquifer under-lying the McAllister GSA.
- (c) The health officer shall write a letter to the director of the State

- (d) The health officer shall advise Burlington Northern Railroad and Amtrak of the vulnerable nature of ground water in the McAllister GSA and request that each:
 - (i) cease discharging sewage and waste water along tracks within the McAllister GSA, and
 - (ii) cease using chemical methods to maintain rights-of-way within the GSA. The health officer shall also request Burlington Northern and Amtrak to coordinate emergency management procedures with the County for spills and accidents within the McAllister GSA.
- (e) By December 31, 1990, the health officer shall review existing and proposed requirements for stormwater management governing public or private developments. If the health officer deems such requirements insufficient to protect ground water in the McAllister GSA, he shall propose stormwater management requirements which are sufficient to that end.

6 Education The Office of Water Quality and Resource Management shall conduct a public education program in the McAllister GSA. The purpose of this program shall be to protect ground water by instructing residents in proper lawn care and gardening practices, septic system maintenance, and handling and disposal of household hazardous waste.

Department of Ecology requesting that applications for the use of aquatic pesticides in Lake St. Clair be granted only upon a finding by the health officer that the proposed use will not likely threaten ground water.