

SECTION 12

AQUIFER PROTECTION ZONE

12.1 Purpose

To protect the quality of groundwater through control of those activities that contribute pollutants to aquifers designated as existing or potential sources of public water supply.

12.2 The boundaries of the Aquifer Protection Zone, comprising primary and secondary recharge areas of aquifers designated as existing or potential sources of public water supply, are based on data established by the U.S. Geological Survey. Such boundaries shall be superimposed on the existing land use zones on the “Town of Haddam Comprehensive Zoning Map”.

There are other areas within the Town of Haddam that have been identified as aquifers by the Natural Resource Center, Department of Environmental Protection in cooperation with the U.S. Geological Survey. However, these aquifers have not been designated as existing or potential sources or public water supply and are not included in the Aquifer Protection Zone.)

12.3 Use Regulations

- A. Within a designated Aquifer Protection Zone, no land shall be used and no structure erected, constructed, reconstructed, altered or used except in conformance with these regulations and all other requirements of the applicable zone. All uses which are permitted in the existing land use zones are also permitted in an Aquifer Protection Zone with the following exceptions, restrictions and requirements.
- B. The following uses are prohibited:
 - 1. Disposal of solid waste in sanitary landfills or dumps, and
 - 2. Disposal of hazardous wastes.
- C. Road salt storage shall be permitted when such piles are located in a storage shed or covered so that rain water does not leach the salt. Storage must be underlaid by an impervious surface and run-off should be collected in an evaporative detention basin, or discharged to a surface water body with sufficient discharge to dilute the run-off.
- D. Underground fuel oil storage tanks and piping shall be designed in conformance with the Rules and Regulations of the State Fire Marshal as authorized under Section 29-62 through 29-66 of the Connecticut General Statutes. The building Inspector or Fire Marshal shall inspect the fuel storage facilities prior to backfilling to insure prevention of leakage.

- E. All commercial and industrial uses are subject to a site plan review by the Planning and Zoning Commission. All commercial or industrial uses which involve the use, storage or manufacture of hazardous materials, including but not limited to those identified by section 3001 of the Resource Conservation and Recovery Act, shall be referred to the Connecticut Department of Environment Protection. In addition to the requirements set forth in Section 14 of the Haddam Zoning Regulations, the site plan shall be accompanied by a report detailing the following information:
1. Amount of composition of industrial or commercial wastes including fly-ash and proposed method of disposal of such wastes outside the aquifer protection zone.
 2. Amount and composition of any hazardous materials including, but not limited to, those identified by Section 3001 of the Resource Conservation and Recovery Act of 1976, that are used, stored, transported, manufactured, or discharged at the site.
- F. New and enlarged manure storage sites shall be approved by the Department of Environmental Protection.
- G. Municipal septage disposal sites and lagoons are subject to a special permit and site plan review by the Planning and Zoning Commission. As part of the application for special permit and site plan review, the applicant shall submit the approval of the Water Compliance Unit of the Department of Environmental Protection. The application for special permit and site plan review will be considered incomplete and no public hearing shall be scheduled, without such approval.