

**MORRISTOWN/MORRISVILLE  
PLANNING COMMISSION  
P.O. BOX 748  
MORRISVILLE, VT. 05661  
Phone (802) 888-6373  
Fax (802) 888-6375**



Minutes of August 5, 1997

Members Present: Rich Furlong, George Robson, Pat McCulloch, Jane Greene, and Sam Guy.

Members Absent: Dan Demars

Guest: Michele Boomhower, Elizabeth Hunsberger, William Bourne, Barbara Adams, Everett Rowell, and Scott Course

The meeting was opened by Sam Guy chair of the Planning Commission at 7:04 P.M.

**Guest Speaker Elizabeth Hunsberger:**

Elizabeth Hunsberger of the Agency of Natural Resources, Water Supply Division. She was invited to attend the meeting by the Planning Commission to help them with the updating of Well Head Protection Areas section of the Town Bylaws. Also invited were the people responsible for the public/private water systems that have WAPA protection area and Michele Boomhower GIS planer for Lamoille County Planning Commission.

Ms. Hunsberger explained that in the past there had been two divisions of ANR that had dealt with WAPA's and now they are combined into the Water Supply Division of ANR. They have changed the name that the protection areas are called they are now Public Water Source Protection Areas (SPA's).

Ground Water supplies are broken down into four classes;

- |         |                                                                                  |
|---------|----------------------------------------------------------------------------------|
| Class 1 | Suitable for a public water source with no risk                                  |
| Class 2 | Suitable for a public water source with some risk                                |
| Class 3 | Suitable for general use                                                         |
| Class 4 | Not for potable use, but may suitable for some agricultural and industrial uses. |

When a new public water supply (any public or private water system serving ten or more residents or twenty-five people) is requesting approval they will have be classified into one of the above class and will have to complete a source protection plan. Source protection plans look at the risk to the water systems and have contingency plans in the event the system fails or is contaminated.

The State in the late 80's placed a three thousand foot diameter circles around ground water sources that have not had engineering studies done to delineate the actual protection area around the water source. In Morristown we have the Pinecrest Trailer Park water system with a three thousand foot circle.

Each SPA has zones within it.

- Zone 1 is an isolation zone around the water supply, generally a two hundred foot circle. Within this area there should be no activity in this area except for those associated with the water supply such as pump houses, chlorination facilities, water holding structures and a restricted use road that goes to the water source.
- Zone 2 an area where contributions from the monitoring radius is established outside of zone 1 where there will probable be impacts from potential sources of contamination.
- Zone 3 is the recharge area or the area of contributions where there may possible be impacts from potential sources of contamination where zone 2 has not be determined.

Delineated water supply will have zones one through three, undelineated systems (3,000 circles) will have classes one and three, but not class two.

In addition to the different classes there is two year time of travel. Time of travel deals with the time it will take pathogens to reach the water supply source. On-site septic systems must be designed by an engineer, so that it take more than two years for any pathogens to reach the water supply.

Ms. Hunsberger said that there will be some money coming into the State that will be available through grants for working on public water supplies. Some of the money will be for the purchase or control (conservation easement) to protect the isolation zone and the rest will be for other public water supply projects. The Water Supply Division will be prioritizing the requests for assistance with improvements for public water supplies systems.

It was suggested that we look at sample regulations from the Northeast Rural Water Association and the Town of Richmond's Zoning Bylaws for guidance in improving our SPA section of our zoning bylaws. Ms. Hunsberger will review our current bylaws and will make suggestions to the Planning Commission. The agency has suggested prohibited uses in SPA's and she will send us a copy of the latest prohibited uses list. In Appendix 3 of the Protecting Public Water Sources in Vermont document list the uses that are a point of concern in and around SPA's.

The State will be GIS locating the well heads and spring location in the near future, and as a result of having better information, the protection area on the maps may move SPA locations. They will be supplying the Vermont GIS office with the data, that will then be available to the

commissions.

**Other Business:**

George made a motion to approve the July 15, 1997 minutes as written.  
Pat seconded the motion and it passed unanimously.

Ken provide the Board with the information the Planning Commission request for the Natural Heritage map and information on the Morrisville/Stowe airport. Ken gave the Commission information on two grant programs from the state one on transportation and the other was for planning projects.

The Commission was given a draft suggestion on fences, where they can go on property lines, and must be kept out of the road right of way. The Commission will review fences at there August 19<sup>th</sup> meeting. The Commission received copies of recent articles that deal with planning.

Pat made a motion to adjourn at 9:18 P.M.  
Jane seconded the motion and it was approved unanimously.

Respectfully submitted,

Kenneth J. Sweetser, Scribe.