

# Putting Teeth in Aquifer Protection

December 8<sup>th</sup>, 2006

	<b>High Yield Aquifer (acres)</b>	<b>Protected High Yield Aquifer (acres)</b>	<b>% Protected High Yield Aquifer</b>
<b>Effingham</b>	3,756.5	1,132.1	30.1%
<b>Freedom</b>	3,082.1	379.9	12.3%
<b>Madison</b>	3,544.1	564.0	15.9%
<b>Ossipee</b>	10,154.3	2,428.4	23.9%
<b>Sandwich</b>	1,303.1	24.2	1.9%
<b>Tamworth</b>	5,162.3	1,029.1	19.9%

Compiled by GMCG from Forest Society's NH's Changing Landscape base data. Figures are through 2004 and do not include some more recent conservation land additions such as Freedom Town Forest.

# Approaches to Aquifer Protection

- **Inventory and Planning Activities**
- **Non-Regulatory Approaches**
- **Regulatory Tools**

# Inventory and Planning Activities

- **Natural Resource Inventories**
- **Other studies and mapping**
- **Master Plans**
- **Watershed Management Plans**

# Non-Regulatory Activities

- Land Conservation
- Public Education
- Outreach to Businesses (and certification)
- Inspection of potential contamination sites

# Regulatory Tools

- **NH RSA 674:21**
  - J - Environmental Characteristics Zoning
- **Wellhead Protection Regulations**
- **Groundwater/Aquifer Overlays**
- **Requiring the application of Best Management Practices**
- **Site Plan and Subdivision Regulations that deal with stormwater, and others...**

# Related Resources

- <http://www.gmcg.org/> - Groundwater Resources
- <http://www.nh.gov/oep> - Reference Library  
- Aquifer Protection and Groundwater Protection
  - Model Groundwater Protection Ordinance, 2001