Manchester

**WATER RESOURCES**

*State’s Goal: Protect the quality and manage the quantity of the state’s water resources, including lakes, aquifers, great ponds, estuaries and rivers.*

**PRINCIPLE ISSUES** (In plan not here)

**POLICIES**

A.To protect current and potential drinking water sources

B. To protect significant surface water resources from pollution and improve water quality where needed.

C. To protect water resources in growth areas while promoting more intensive development in those areas.

D. To cooperate with neighboring communities and regional/local advocacy groups to protect water resources.

**IMPLEMENTATION STRATEGIES**

1) Maintain or strengthen existing protections for current and proposed public drinking water supplies and aquifer recharge areas as part of site plan review. All new development with public water supply will establish appropriate wellhead protection areas. *Land Use Ordinance Review, Short term*

2) Maintain standards of Manchester’s Land Use Ordinance to incorporate stormwater management. Performance standards will be updated and kept up to date with current: o Maine Stormwater Management Law and Stormwater Rules

o DEP’s allocations for allowable levels of phosphorus in lake/pond watersheds, unless those standards are weakened.

o Maine Pollution Discharge Elimination System Stormwater Program *Land Use Ordinance Review*, *Short term*

3) Keep floodplain ordinance updated to be consistent with state and federal standards. *Planning Board, ongoing*

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4) Consider amending the land use ordinance to incorporate low impact development (LID) standards for development in the shoreland zone and entire Cobbossee watershed if compatible with Cobbossee Watershed District requirements. Require LID or a phosphorous mitigation banking system for higher-density development within Cobbossee watershed. *Land Use Ordinance Review, Short term*

5) Develop a stream watershed management program for Weston Brook that will promote development in Manchester Village without further stream degradation. Work with MDOT and examine methods to highlight Weston Brook as a village asset. *CWD and Board of Selectmen, Mid term*

**6) Provide water quality best management practice (BMP) guidelines to farmers and loggers. Implement BMPs on town owned land as demonstration projects. *Conservation Commission, Mid term***

7) Review and compare practices used by Manchester Public Works and contractors to BMPs accepted in Maine Erosion and Sediment Control Best Management Practices (Maine DEP, 2003) and update as necessary. Affected town employees and contractors will attend a related Maine Local Roads Center workshop if updates are needed. *Road Committee, Town Manager, Short term*

8) Engage in and support efforts by Cobbossee Watershed District, Friends of Cobbossee Lakes, and other regional efforts to protect and improve water quality. *Board of Selectmen, ongoing.*

9) Provide funding for boat monitoring efforts and support distribution of educational materials regarding invasive species at boat launches and appropriate locations. *Friends of Cobbossee, Board of Selectmen, ongoing*

**10) Develop conservation easements or other means of permanent protection of Bog Pond and Fairbanks parcels. *Board of Selectmen, conservation commission, Long term***

11) Update inventory of all second order streams and wetlands and re-classify and update zoning maps if qualifying for SZ or RP status. *Planning Board, Short term*

**12) Provide educational material to residents regarding the importance of utilizing phosphorous-free natural fertilizers on lawns and plantings including information regarding pesticide use guidelines and alternatives. The town will follow these guidelines on all town owned properties to be regarded as demonstration projects. *Friends of Cobbossee, Conservation Commission, Mid term***