



- Ani-tracking apron at the proposed construction entrance
- Installation of silt fence downgrade of all disturbance areas. A secondary row of silt fence will be installed downgrade of the construction entrance and drive to provide an intermediate measure.
- Soil stockpile area

ALTERNATIVES

One of the primary functions of the proposed plan is the installation of a repair septic system, designed and constructed in accordance with the Public Health Code (Code). The existing septic tank and leaching field are both undersized and located less than 40' from the well, which is approximately one-half the minimum separating distance allowed by the Code. While the applicant has been diligent in minimizing water usage and maintaining the system (pipes and tank), the need for repair is eminent. The proposed repair septic system meets the minimum requirements of the Code, is located within suitable soils, and separating distances to the lake have been maximized. There are no alternatives to the regulated activities associated with the installation of a code compliant septic system.

In recognition of the above, there are no prudent or feasible alternatives which would cause less or no environmental impact to the adjacent wetlands or watercourses as compared to the proposed plan. Impact to the regulated areas will be minimized through the following management and mitigation measures.

MANAGEMENT & MITIGATION MEASURES

Management measures will consist of both short-term and long-term measures. Short-term measures will consist of the installation of proper erosion and sedimentation controls. Long-term measures will consist of selective clearing of trees to allow partial sunlight to the ground surface and promote the establishment of ground cover and native vegetation. Currently the steep slopes on the property are consistently in shade, resulting in poor ground cover and exposed soils.

Mitigation measures will consist of the removal of the point discharge to Andover Lake carrying untreated runoff from Lake Road. The plan proposes to remove the existing drainage pipe running through the property, which discharges untreated flow from the Town road to the lake. The existing collection system within Lake Road will be rerouted to connect with the piping in the southern shoulder, which ultimately discharges to a wetland system further to the north, eliminating the direct discharge to open water.