



McSweeney Associates, Inc.

Environmental Engineering Services

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Town of Hingham  
Conservation Commission  
120 Liberty Street  
Hingham, MA 02043

**RE: Narrative of Work located at 14 Autumn Circle**

To whom it may concern,

The proposed work that is being proposed is a New Soil Absorption System for an existing house located at 14 Autumn Circle, Hingham MA (Map/Lot – 124/16). The system comprises of a 2,000 Gallon two compartment septic tank containing an Orenco Biotube pump vault system, a distribution box, and a Geomat Leaching system. Under Title V the Geomat leaching system is considered an Alternative Soil absorption System with treatment. **The existing system has previously collapsed which caused an open hole in the backyard of the house.** As part of the scope of work the existing system must be completely collapsed and filled.

The wetland would be described as a low depression within the woods, with water staining at the lowest points. There were no visible wetland plants present but due to the water staining and the depression of elevation a wetland was determined.

All work occurs outside the 50' Buffer Zone. The entirety of the Geomat leaching system is outside the 100' Buffer. The Septic tank, some PVC piping, and the existing system occur within the 100' Buffer along with no grade change due to these components. A silt fence will be installed in order to protect any soil runoff into the wetland.

If you have any questions or require additional information, please contact me at (781)-570-9381.

Sincerely,



McSweeney Associates  
Environmental Engineering

Colin McSweeney

Environmental Scientist, McSweeney Associates

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