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## CEI Engineering Watershed Improvements for Lake Gardner



CEI is pleased to be working with the Town of Amesbury to design and implement nonpoint source water quality improvements throughout the Lake Gardner Watershed. Lake Gardner is a 93-acre lake that lies between several reaches of the Powow River in the Merrimack River Watershed. The Powow River is a Class A waterbody and is listed as a Category 5 impaired waterbody on the 303(d) list of impaired waters for pathogens (fecal coliform), total suspended solids and turbidity. This project will implement prioritized stormwater BMPs to reduce pathogens, total suspended solids and nutrients within the Lake Gardner and Powow River Watersheds. CEI will design, permit and construct infiltration based Low Impact Development stormwater BMPs at five prioritized locations within the watershed that will help to decrease the input of pathogens/bacteria, sediment and nutrients and ultimately improve the water quality of the Merrimack River.



CEI will also assist in implementing several non-structural BMPs including public education material highlighting the specific BMP elements of the project. This U.S. Environmental Protection Agency and Massachusetts Department of Environmental Protection grant funded project is the result of recommendations from a watershed assessment completed previously by CEI.

For more information about this project or CEI's engineering and environmental services please contact Stephanie Hanson at 800.725.2550 or at [shanson@ceiengineers.com](mailto:shanson@ceiengineers.com)

Check out our website at [www.ceiengineers.com](http://www.ceiengineers.com) to see what other services CEI provides.