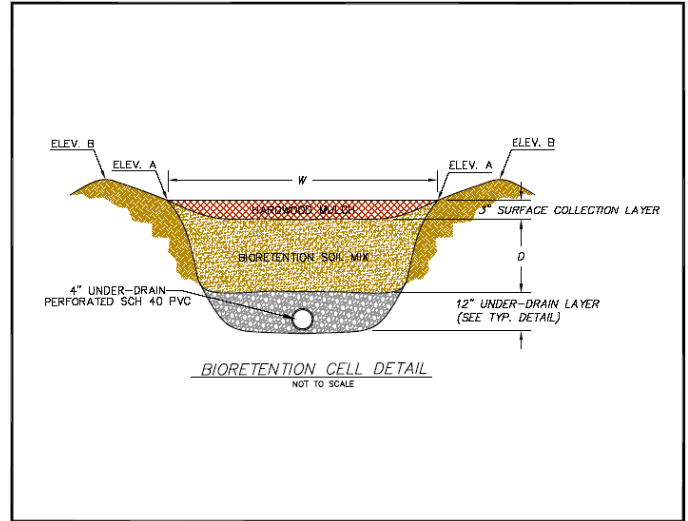
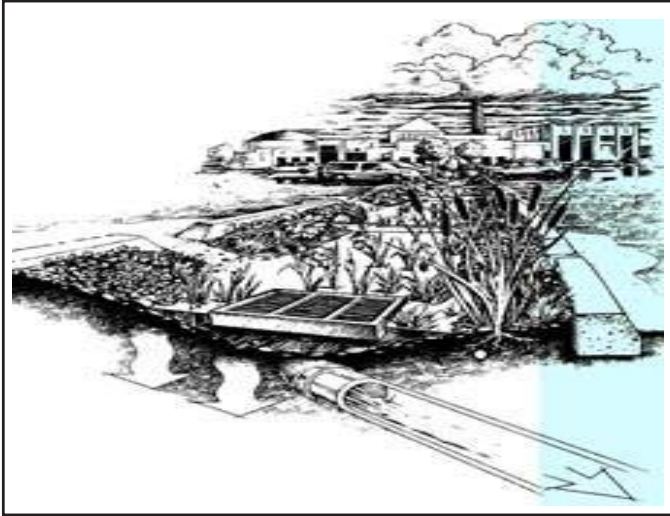


# Stormwater Best Management Practices: Town of Cohasset



## Stormwater Services

Norfolk Ram Group, LLC (Norfolk) was retained by the Town of Cohasset to perform stormwater enhancement services, in order to improve and protect the future of Lily Pond, one of the sole drinking water supply sources for the town. This Low Impact Development (LID) project includes bioretention basins, rain gardens and vegetated swales, which will be constructed within the existing Town right-of-way, in order to be retrofitted into the existing stormwater drainage system. Norfolk will also oversee the construction phase of the project, including preparing as-built, and operation and maintenance plans. Norfolk's team of professionals will also perform and evaluate the effectiveness of the program based upon pre- and post-implementation surface water run-off samplings and analyses.

Norfolk is currently in the process of completing the permitting and design phases of the project, which call for a suburban stormwater collection system utilizing LID. The design of the collection system will include the construction of approximately forty-two (42) bioretention cells, five (5) rain gardens and 200 linear feet of vegetated swales, which will intercept the stormwater prior to it entering the existing drainage system. The Town of Cohasset is utilizing both an Environmental Protection Agency (EPA) Section 319 grant, as well as the state's Clean Water State Revolving Fund, in order to finance the project.

## Scope of Services

Some of the additional aspects of the project include:

- The development of Quality Assurance and Long-Term Operation and Maintenance Plans.
- Both pre- and post-construction water quality monitoring.
- The development of an outreach and education program, used to increase the awareness regarding sub-watershed Best Management Practices (BMPs).

The outreach programs will consist of:

- An informational newsletter, developed to describe the ways in which homeowners can reduce NPS.
- A second newsletter, which will be distributed to town residents explaining the purpose of the BMPs, as well as the various in-town locations of the LID improvements. The newsletter will also report the water quality monitoring results for nitrogen, phosphorus and total suspended solids taken at the sampling locations within the watershed.
- Successful implementation of the BMPs will serve as a "demonstration project" for future NPS reductions within other areas of the watershed. A PowerPoint presentation will be developed, in order to show the effectiveness of the BMPs. This presentation will be used as a demonstration tool for neighboring towns to view, and learn from.

If you would like to know about Norfolk's stormwater best management practices, please contact a Norfolk professional at (508) 747-7900, or visit Norfolk on the internet at [www.norfolkram.com](http://www.norfolkram.com)

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