



# Rhode Island Urban Environmental Design Manual

## Rhode Island Department of Environmental Management

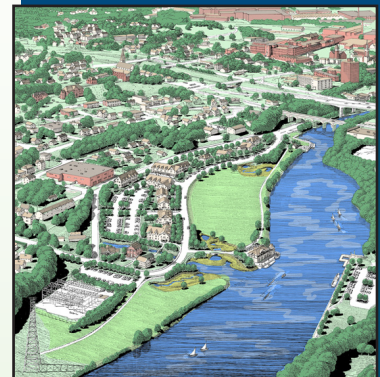
The Rhode Island Department of Environmental Management (DEM) sponsored a planning and guidance manual to help direct communities and developers to implement environmentally sensitive projects in urban areas on redevelopment and Brownfield sites. The manual utilized five existing sites to help illustrate the methods, techniques and approaches for developing projects in dense, sometimes blighted, urban areas.

Horsley Witten Group, Inc. (HW) provided the following scope of work in three phases to accomplish the specific project objectives of:

- Identification of key issues and challenges associated with the individual sites;
- Development of outreach materials for public meetings in the form of PowerPoint presentations that illustrate different development approaches and stormwater Best Management Practices (BMPs);
- Development of approaches to site assessment/remediation, and stormwater management for each site;
- Providing graphic presentations and text describing innovative approaches to urban stormwater management for the following specific techniques: green roofs, bioretention stormwater planter facilities, rain barrels and cisterns, vegetative buffers, open channels, stream daylighting, and permeable pavement alternative; and
- Drafting of technical Development Criteria designed to facilitate “Smart Growth” planning. The criteria developed for the project address, among other issues, encouraging mixed-use development, public access, infill development, open space preservation, and increased access to public transportation.

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- Civil & Environmental Engineering
- Wetlands Management
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- Stormwater Management
- Wastewater Management
- Site Assessment & Remediation
- Land Use Planning
- Education & Outreach



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