



Nancy Kopp, Treasurer
Martin O'Malley, Governor
Peter Franchot, Comptroller



Board of Public Works



BPW Advisory No.: 2009-1

Date: March 18, 2009

Subject: Stormwater Management Through Environmental Site Design: Program Open Space and Public School Construction Program Projects

Effective: Immediately

*Martin O'Malley
Governor*

*Nancy K. Kopp
Treasurer*

*Peter Franchot
Comptroller*

*Sheila McDonald
Executive Secretary*

Purpose: To reduce the adverse effects of stormwater runoff by encouraging funding recipients to implement environmental site design pollution-control practices in Program Open Space projects and in Public School Construction Program projects.

Background: Management of stormwater runoff is necessary to reduce pollution, erosion, siltation, sedimentation, and flooding. The Stormwater Management Act of 2007 requires the use of environmental site design to the maximum extent practicable. Environmental site design means using small-scale stormwater management practices, nonstructural techniques, and better site planning to mimic natural hydrologic runoff characteristics and minimize the impact of land development on water resources. Environmental site design practices for all government and privately-funded projects are mandated through a regulatory program to be fully effective May 4, 2010. The Board of Public Works encourages recipients of Program Open Space funding and Public School Construction Program funding to incorporate environmental site design into their projects now.

Authority: Environment Article §4-201 -- 4-215, Maryland Code Annotated; COMAR 26.17.02.

Policy: The Department of Natural Resources (with respect to Program Open Space projects) and the Interagency Committee (with respect to Public School Construction Program projects) must include in the Board of Public Works Action Agenda Item information that describes:

- Stormwater runoff measures incorporated in the project such as:
 - environmental site design
 - alternative pavement systems
 - disconnection of roof and non-rooftop
 - forest conservation

- vegetative swales
- greenroofs
- rain gardens
- cisterns
- water reuse

Other environmentally-sustainable project attributes such as:

- light pollution reduction
- water use reduction
- optimizing energy performance
- construction waste recycling and management
- low volatile-organic-compound emitting materials

Reference Materials:

- *Maryland Stormwater Design Manual* as COMAR 26.17.02.01-1 incorporates by reference
- *High Performance Building Initiatives in Maryland Schools* (PSCP/IAC, January 2009; available online at <http://www.pscp.state.md.us/Reports/repindex.html>)
- Maryland Green Building Council's High Performance Green Building Program <http://www.dnr.state.md.us/ed/>

Questions concerning this Advisory may be addressed to:

Questions on Environmental Site Design:

Jay Sakai, Director
 Water Management Administration
 Maryland Department of the Environment
 410-537-3567
jsakai@mde.state.md.us

Questions on this Advisory:

Mary Jo Childs, General Counsel
 Board of Public Works
 410-260-7720
mchilds@comp.state.md.us