



REPLY TO  
ATTENTION OF

**DEPARTMENT OF THE ARMY**  
**NORFOLK DISTRICT CORPS OF ENGINEERS**  
**FORT NORFOLK 803 FRONT STREET**  
**NORFOLK VIRGINIA 23510-1096**

February 9, 2005

Mr. Jack E. Frye  
Soil and Water Conservation Division Director  
Virginia Department of Conservation and Recreation  
203 Governor Street, Suite 206  
Richmond, Virginia 23219-2094

Dear Mr. Frye:

As you know, the Virginia Low Impact Development (LID) Workgroup has been meeting since April 2003. The ad hoc workgroup is composed of representatives from local, State, and federal agencies as well as engineering and environmental consultants and industry and environmental organizations.

In December 2003, your agency, the Chesapeake Bay Local Assistance Department, the Virginia Department of Environmental Quality, and the Norfolk District, Corps of Engineers endorsed and jointly held five public workshops to seek public comments on how LID should be considered in the review of development projects. After reviewing the comments from the workshops, the workgroup developed an action plan that included creation of a LID handbook, public education, training for plan designers and agency plan reviewers, a compilation of lessons learned to date, and creation of a web site for easy access to all constructed or planned LID demonstration projects throughout the Commonwealth.

From our early discussions, we realized that a LID handbook would take several years to develop and that it was important to prepare some interim guidance. Our workgroup pursued this and the enclosed guidance document and model ordinance represent the collective efforts and experience of this highly skilled group of professionals. The LID workgroup (members are listed on the enclosure) endorses this guidance and model ordinance and encourages your Department to initiate the required administrative process to publish it as a technical bulletin, incorporating the changes you believe are needed as a result of your review including design examples and computational methods. DEQ has obtained a \$10,000 Coastal Zone Management grant that you could use as part of your public outreach process toward development of a technical bulletin.

On behalf of the workgroup, we appreciate your support of our efforts and we are available to meet with you to discuss our efforts to date and provide any additional

assistance you desire. If you have any questions, please call me at 757.441.7418 or email me at [bruce.f.williams@usace.army.mil](mailto:bruce.f.williams@usace.army.mil).

Sincerely,



Bruce F. Williams  
Chief, Northern Virginia  
Regulatory Section

Enclosures

Copy Furnished (w/Enclosures):

Ellen Gilinsky, Virginia Department of Environmental Quality  
Scott Crafton, Virginia Department Conservation and Recreation  
Joe Maroon, Virginia Department Conservation and Recreation  
Bob Hume, Norfolk District, Corps of Engineers  
Phil Abraham, Vectre Corporation

Workgroup Members

Joe Battista, Virginia Department of Transportation  
Neil Weinstein, Low Impact Development Center  
David Hirschman, Biohabitats of Virginia  
Charlie Heffington, City of Virginia Beach  
Mark Boenke, Pillar Engineering & Surveying  
Kelly Ramsey, Virginia Department of Conservation and Recreation  
Sarah King, Virginia Department of Conservation and Recreation  
Martha Little, Virginia Department of Conservation and Recreation  
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Larry Gavan, Virginia Department of Conservation and Recreation  
Katherine Mull, Northern Virginia Regional Planning District Commission  
Bill Hicks, Northern Virginia Regional Planning District Commission  
Ron Tuttle, County of Fairfax  
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Michele Brickner, County of Fairfax  
Julie Bixby, Virginia Department of Environmental Quality  
Catherine Harold, Virginia Department of Environmental Quality  
Loretta Cummings, Williamsburg Environmental Group  
Doug Beisch, Williamsburg Environmental Group  
Peter Stokely, Environmental Protection Agency



Reginald Parrish, Environmental Protection Agency/Chesapeake Bay Program  
David Cotnoir, Naval Facilities Engineering Command  
Jan Brophy-Price, Mike Rolband & Bill Nell, Wetlands Studies and Solutions  
(representing the VA Association for Commercial Real Estate)  
John Tippet, Friends of the Rappahannock  
Hal Wiggins, Norfolk District, Corps of Engineers  
Lesley Leonard, Norfolk District, Corps of Engineers  
Bill Springer & Kim Larkin, Dewberry and Davis (representing the Home Builders of  
Virginia)  
David Powers, KCI Technologies, Inc.  
Joe Lerch, Chesapeake Bay Foundation  
Richard Street, Associated Site Design and Engineering, Inc.  
Scott Thomas, James City County  
Mike Flagg, Hanover County