

**HAMPTON ROADS PLANNING DISTRICT COMMISSION**  
**EXECUTIVE COMMITTEE MEETING – MARCH 21, 2007**

The Executive Committee Meeting of the Hampton Roads Planning District Commission was called to order at 10:30 a.m. at the Regional Boardroom, 723 Woodlake Drive, Chesapeake, Virginia, with the following in attendance:

**EXECUTIVE COMMITTEE:**

Paul D. Fraim, Chairman (NO)	Charles W. Burgess, Jr. (PQ)
Bruce Goodson, Vice Chairman (JC)	Douglas L. Smith (PO)
James O. McReynolds, Treasurer (YK)	Michael W. Johnson (SH)
Clifton E. Hayes, Jr. (CH)	James G. Vacalis (SU)
William H. Whitley (GL)	Louis R. Jones (VB)
W. Douglas Caskey (IW)	Jackson C. Tuttle II (WM)
Joe S. Frank (NN)	

**OTHER COMMISSIONERS:**

Rebecca C. W. Adams (CH)*	Randy Hildebrandt (NN)
Amar Dwarkanath (CH)	James B. Oliver (PO)
Anne F. Odell (CH)	Robert M. Dyer (VB)
Ella P. Ward (CH)	Barbara M. Henley (VB)
Sanford B. Wanner (JC)	James K. Spore (VB)*

\*Indicates late arrival or early departure.

**OTHERS RECORDED ATTENDING:**

Earl Sorey - Chesapeake; Keith Cannady - Hampton; Steven W. Hicks - James City County; Ron Williams, Jeff Raliski, Stanley Stein - Norfolk; George Brisbin, Brian Swets, Sherri Neil - Portsmouth; Mark Rickards - WAT; Dennis Heuer, Eric Stringfield, Irene Shuman, Horace Welsh - VDOT; William C. LaBaugh III - DRPT; Joyce Heffington - HRSD; Michael Townes - TDCHR; Vincent J. Thomas, Ray Taylor - FHR; Dana Dickens - Hampton Roads Partnership; W. Dewey Hurley - Branscome; Fred Krimgold, Keith Critchlow, Sam Martin, John Bigger - Virginia Tech; Angie Bezik - Vectre Corp.; Ellis W. James - Sierra Club Observer; Kimball Payne - Daily Press; Tom Holden - The Virginian-Pilot; Germaine Fleet - Biggs & Fleet; Staff: Arthur L. Collins, Shernita Bethea, John Carlock, Rick Case, Nancy Collins, Dwight Farmer, Kelly Freas, Marla Frye, Frances Hughey, Jim Hummer, Rob Jacobs, Mike Kimbrel, Robert Lawrence, Joe Paulus, Kelli Peterson, Camelia Ravanbakht, Laura Surface, Jennifer Tribo, Joe Turner, Eric Walberg and John Whaley.

## CONSENT AGENDA

Chairman Fraim asked for additions or corrections to the Minutes of January 17, 2007. There were none.

The Consent Agenda contained the following items:

- Approve Minutes of January 17, 2007 (COM:MIN)
- Treasurer's Report (FIN)
- Regional Reviews (ARA)
- A. PNRS Items (Initial Review)
  - Local Government Advisory Committee Coordination (Alliance for the Chesapeake Bay, Inc.) (POW:213)
- B. Environmental Impact Assessment/Statement Review
  - Entrance Road to Commander Corporate Center at Norfolk International Airport, FAA; Virginia Beach
  - Soccer Practice Field, Old Dominion University; Norfolk
  - Police Station, Norfolk State University; Norfolk
  - Commonwealth Railway Mainline Safety Relocation Project, Virginia Port Authority; Portsmouth, Suffolk, Chesapeake
  - Quad Student Housing, Phases II & III, Old Dominion University; Norfolk
  - Distributed Common Ground Station Construction at Langley Air Force Base, DOD/U.S. Air Force; Hampton, Poquoson
  - New School of Business, College of William & Mary; Williamsburg
  - General Aviation Terminal Area Complex, Hampton Roads Executive Airport, USDOT/FAA; Chesapeake
  - Construction of a New Liberal Arts Building, Christopher Newport University; Newport News
- 2007 Community Development Block Grant Regional Priorities (HSG:VCDBG)
- Environmental Program Grants & Contracts (ENV:GRANTS)

Comr. Goodson Moved to approve the Consent Agenda; seconded by Comr. Smith. The Motion Carried.

## **2008 UNIFIED PLANNING WORK PROGRAM**

**(THY:UPWP FY08)**

Mr. Collins explained the Unified Planning Work Program (UPWP) is included in the agenda. The budget to support the work program will be voted on in April. The Personnel and Budget Committee met this morning before this meeting to review the budget, which will be distributed next month. Mr. Collins stated the only caveat he would offer is the UPWP does not include activities associated with House Bill 3202. If it gets through the General Assembly and the Governor's Office, the PDC will be responsible for additional work not reflected in the UPWP. It will also be adjusted if the UASI Grant of \$15 million is received from the Department of Homeland Security and brought before the Commission at that time.

Mr. Collins asked for approval of the UPWP and offered to answer questions.

Treasurer McReynolds Moved to approve the UPWP; seconded by Vice Chairman Goodson. The Motion Carried.

## **WATERSHED MODELING IN HAMPTON ROADS**

**(CZM:2004)**

Chairman Fraim introduced John Carlock, Deputy Executive Director of Physical Planning, to discuss watershed modeling in Hampton Roads.

Mr. Carlock stated the PDC completed an analysis on smart growth options in the region in 2003. One of the deficiencies the staff and local governments identified in that analysis was the ability to look at the traffic and air quality impacts of the smart growth option but were unable at that time to effectively look at the water quality impacts. As a result of that analysis and through discussions with the Stormwater Management Committee, the need for a watershed modeling capability was identified. The region was successful about 18 months ago in getting a grant from the Virginia Coastal Zone Management Program to support a study effort. He stated he would provide a brief overview of the project, the models and the results obtained, as well as review where the region is and where it is going.

Comr. Spore arrived.

The project was designed to provide technical assistance to localities and develop that capability in areas such as stormwater management, best management practices analysis, the Chesapeake Bay Program, the new total maximum daily load requirements, as well as looking at various alternative, comprehensive plans and assisting with development review.

A number of watershed models were then evaluated to find those most applicable for that type of use in Hampton Roads. Then an attempt was made to calibrate and test the selected model and apply that model to evaluate some future land use scenarios as they relate to stormwater impacts. The criteria for a model included simplicity, easy to use, ability to evaluate alternative development scenarios and best management practices combinations, and it needed to have minimal site-specific data in order to work.

After evaluation of different modeling scenarios, the BMP/LID (Best Management Practices/Low Impact Development) Decision Support System was selected. This model was developed in Prince George's County, Maryland for the type of application required. It allows evaluation of the benefits of different management options, identification of cost-effective solutions and comparison of different solutions, comparisons of best management practices combinations, and works with our Geographic Information System.

Data requirements included current and future land use data, drainage areas that contribute to the stormwater outfall or stormwater management facilities, time series data on flow that can be based on either observation or some other modeling system calibrated in the region, BMP configurations and specifications, and site-specific cost data.

Mr. Carlock then reviewed the types of BMP options: low impact development options, porous pavement, bioretention basins, cisterns, etc., and also included standard conventional BMPs such as dry ponds and wet ponds.

The City of Virginia Beach indicated a willingness to work with PDC staff to perform a test case to determine if this model will work in Hampton Roads. A relatively small subwatershed within the Thalia Creek Watershed was selected by the City as an area they wished to look at since it is an urban area with substantial data available from prior stormwater management work performed in the region. This watershed is a manageable size, largely developed and heavily used commercially, as well as medium-high density residential area with streets and roads comprising a substantial area within the watershed. Based on the work performed in this case study, this model can be used and is applicable in Hampton Roads. Using the groundwater model that has been in operation in the region for approximately 10 years, this is a capability that enhances the ability to support the localities in meeting regulatory requirements and performing day-to-day activities. This should be a cost-effective approach because of the cost sharing inherent to that type of regional program.

Based on the study and discussions with the technical committees, the effort will be continued and a technical advisory committee will be established with state and federal agencies, local governments, and academia assisting in further evaluation of the models as well as the efforts necessary to move the region into having a fully developed modeling capability. Based on the work with the technical advisory committee, a final set of recommendations will be produced regarding what the modeling program should look like as well as the cost of the program. The key for the long term will be to make sure the data is available with the ability to manage the necessary data and keep it updated to actually run the model.

Mr. Carlock concluded by offering to answer questions and asking that the report be accepted as having met the requirements of the current Work Program and the terms of the Coastal Program Grant.

Comr. Burgess Moved to accept the report; seconded by Comr. Dyer. The Motion Carried.

**PROJECT STATUS REPORT**

**(PSR)**

Chairman Fraim asked if there were any questions or comments regarding the Project Status Report. None were noted.

**FOR YOUR INFORMATION**

**(FYI)**

The Chairman asked for questions or comments regarding the informational items. None were noted.

**HAMPTON ROADS METROPOLITAN PLANNING ORGANIZATION**

**(MPO)**

Chairman Fraim called for a recess of the Hampton Roads Planning District Commission, while the Hampton Roads Metropolitan Planning Organization was called into session.

**RATIFY MPO ACTIONS**

**(THY:MPO)**

Comr. Smith Moved to ratify the actions of the Hampton Roads Metropolitan Planning Organization; seconded by Vice Chairman Goodson. The Motion Carried.

**OLD/NEW BUSINESS**

The Chairman asked for old or new business. None was noted.

**ADJOURNMENT**

With no further business to come before the Hampton Roads Planning District Commission, the meeting adjourned at 11:03 a.m.

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Arthur L. Collins  
Executive Director/Secretary

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Paul D. Fraim  
Chairman