

**AGENDA**  
**HAMPTON ROADS PLANNING DISTRICT COMMISSION**  
**EXECUTIVE COMMITTEE MEETING**  
**September 20, 2012**

1. Call to Order
2. Approval/Modification of Agenda

**WORKSHOP AGENDA**

3. Analysis of Energy Development Strategies in Hampton Roads – Part 1
4. The Great American Cleanup – Final Report
5. FY 2011-2012 Annual Report to Department of Housing and Community Development

**REGULAR AGENDA**

6. Public Comment
7. Submitted Public Comments
8. Approval of Consent Items
  - A. Minutes of July 19, 2012 Meeting
  - B. Treasurer’s Report
  - C. Regional Reviews – Monthly Status Report
    - a. PNRS Reviews
    - b. Environmental Impact Assessment/Statement Review
  - D. Uranium Mining - Resolution
  - E. The Great American Cleanup – Final Report
  - F. Redevelopment As a Nutrient Reduction Strategy – Final Report
  - G. FY 2011-12 Annual Report to DHCD – Final Report
  - H. Contract - Urban Area Security Initiative Contract Amendment for WebEOC Sustainment
  - I. Contract - Urban Area Security Initiative Contract Amendment for Completion of a UASI Sustainment Plan
  - J. State Homeland Security Grant Acceptance/Contract Amendment for First Responder Authentication Credential
  - K. Resolution and Certifications for FY 2011 UASI Grant Applications
  - L. Contract – Town of Windsor Comprehensive Plan
  - M. Contract – Memorandum of Understanding with OHSVA - THIRA

\*\*\*\*\*

9. Appoint HRPDC FY 2012-2013 Nominating Committee
10. HRPDC Three-Month Tentative Schedule
11. Project Status Reports and Advisory Committee Summaries
12. Correspondence of Interest
13. For Your Information
14. Old/New Business

**ADJOURNMENT**

**AGENDA NOTE – HRPDC EXECUTIVE COMMITTEE MEETING**

**ITEM #1: CALL TO ORDER**

The meeting will be called to order by the Chair at 9:30 a.m.

**ITEM #2: APPROVAL/MODIFICATION OF AGENDA**

Members are provided an opportunity to add or delete items from the agenda. Any item for which a member desires consideration from the Hampton Roads Planning District Commission should be submitted at this time, as opposed to under “Old/New Business

## **AGENDA NOTE – HRPDC EXECUTIVE COMMITTEE MEETING**

### **ITEM#3: ANALYSIS OF ENERGY DEVELOPMENT STRATEGIES IN HAMPTON ROADS, PART I**

#### **SUBJECT:**

Overview of the U.S. energy portfolio, with particular focus on the economic aspects of the different energy developments nationally and internationally.

#### **BACKGROUND:**

There has been a sustained effort to reduce national dependence on foreign energy sources and meet the continuous demand with homegrown energy solutions. This issue is of significant importance to Hampton Roads as the region is currently home to numerous and varied efforts to expand energy development. Staff is in the process of completing an analysis of various energy strategies in Hampton Roads, and their potential to impact the region's economy. Analysis of energy development strategies was approved as part of the FY 12 HRPDC Unified Planning Work Program (UPWP).

Energy is a vital component of commerce and economic growth at the local, regional, national, and international level. There has been significant discussion about the best method for developing national and regional energy policy. Staff will provide two presentations on energy options in Hampton Roads, the first of which focuses on relevant national and international energy concerns.

Mr. James A Clary, Economist, will present the first of two presentations on the Analysis of Energy Development Strategies in Hampton Roads.

**NOTE: A second presentation will be provided at the Annual Meeting in October. A report will be available for review and consideration at that time.**

## **AGENDA NOTE – HRPDC EXECUTIVE COMMITTEE MEETING**

### **ITEM #4: GREAT AMERICAN CLEANUP FINAL REPORT**

#### **SUBJECT:**

The HRPDC staff has completed the 2012 Great American Cleanup™ National Action Days final report, which documents the regional participation in the two day event.

#### **BACKGROUND:**

Through the partnership of askHRgreen.org and Keep Virginia Beautiful, Hampton Roads was selected as one of 10 national locations for Keep America Beautiful's 2012 Great American Cleanup National Action Days. On April 27 and 28, 2012, over 1,780 volunteers pitched in and helped cleanup, green up and spruce up public spaces across Hampton Roads. The result of the two day effort was transformational. Volunteers collected over 124,000 pounds of litter and debris, planted 86 trees and 818 plants, and painted 248 structures.

In October 2011, the Mayors and Chairs of the Hampton Roads localities agreed to serve as the Honorary Board for the Hampton Roads 2012 Great American Cleanup™ National Action Days.

The askHRgreen.org: Recycling and Beautification Subcommittee has reviewed the draft report and recommends the report be approved by the Commission.

Lisa Hardy, HRPDC Environmental Planner will provide an overview of the final report.

Enclosure

**Note: This item will be presented for action under agenda Item 9E.**

## **AGENDA NOTE - HRPDC EXECUTIVE COMMITTEE MEETING**

### **ITEM #5: FY 2011 – 2012 ANNUAL REPORT TO DEPARTMENT OF HOUSING AND COMMUNITY DEVELOPMENT**

#### **SUBJECT:**

The HRPDC staff has completed the FY 2011-2012 annual report, required by the Regional Cooperation Act.

#### **BACKGROUND:**

The Regional Cooperation Act requires that Planning District Commissions report annually to the Department of Housing and Community Development (DHCD) and to the Commission on their activities. This report is a requirement of the annual contract between DHCD and the HRPDC and follows a format prescribed by DHCD. This report is keyed to the provisions of the Regional Cooperation Act detailing the responsibilities of Planning District Commissions. A number of supporting materials – Budget, Work Program, Publications List and List of Commissioners – are also submitted to DHCD as part of the annual report.

Enclosed is the FY 2011 – 2012 Annual Report to the Department of Housing and Community Development. In compliance with the Regional Cooperation Act and DHCD requirements, the report was submitted to DHCD on August 28, 2012. The HRPDC staff requests that the HRPDC approve the report for submission to the DHCD in compliance with the Regional Cooperation Act and the Annual Contract between the DHCD and the Hampton Roads Planning District Commission.

John Carlock, HRPDC Deputy Executive Director, will provide a brief overview of the report.

**NOTE: This item will be presented for action under Agenda Item 9G.**

## **AGENDA NOTE – HRPDC EXECUTIVE COMMITTEE MEETING**

### **ITEM #6: PUBLIC COMMENT PERIOD**

Members of the public are invited to address the Hampton Roads Planning District Commission. Each speaker is limited to three minutes.

### **ITEM #7: SUBMITTED PUBLIC COMMENTS**

Attached for consideration are written comments submitted on September 10, 2012 by Virginian Uranium Incorporated. Any additional written public comments will be distributed as a handout at the meeting.

Attachments

### **ITEM #8: APPROVAL OF REGULAR AGENDA ITEMS**

- A. Minutes of July 19, 2012 Meeting
- B. Treasures' Report
- C. Regional Reviews – Monthly Status Report



**FOR IMMEDIATE RELEASE**  
**August 28, 2012**

**Contact:** Patrick Wales, Project Manager  
(434) 432-1065 – Office  
(434) 770-4662 – Mobile  
[pwales@vauinc.com](mailto:pwales@vauinc.com)

**STATEMENT BY PATRICK WALES, PROJECT MANAGER, VIRGINIA URANIUM, INC.**

“For the last three years, officials and residents from the City of Virginia Beach have expressed a sincere concern about the impact of uranium mining at Coles Hill on Lake Gaston, which is roughly 100 miles downstream from Coles Hill and supplies a portion of the city's drinking water. All of these concerns are based on the fundamental question of how our company will store mill tailings at Coles Hill – whether we will store the tailings in above-ground impoundments that could be susceptible to releases caused by heavy storms or flooding, or whether we will store them in below-grade, or below-ground, containment cells that eliminate the risk of releases to surface waters.

Today, Virginia Uranium is restating our company's firm commitment to storing all tailings below grade, or below ground, at Coles Hill. This method of tailings disposal is designed specifically to eliminate the possibility that tailings could be released to downstream water sources, including Lake Gaston. Under our company's plans, the tailings, the crushed rock leftover from the milling process, will be mixed with a cement-like substance to ensure that they are immobile and then placed below the surface of the ground in excavated cells, or pits. These below-ground cells, situated well above the flood plain, will be double-lined with clay and synthetic liners to ensure that the tailings do not seep into soil or groundwater and will be covered by multi-layer clay and earthen covers to eliminate the potential for surface releases caused by heavy storms or flooding.

Before our company can receive a single license to operate, the U.S. Nuclear Regulatory Commission (NRC) must certify that our tailings cells are designed to withstand the most severe weather events possible, known as the Probable Maximum Precipitation (PMP) event and the resulting Probable Maximum Flood (PMF), without releasing any tailings to the surface, soil or groundwater. To put the PMP and PMF events into context, these hypothetical events are so severe that neither has ever been recorded in human history. This is the strict, abundantly cautious standard that the NRC will hold our company accountable to.

As the National Academy of Sciences study concluded, this advanced method of below-grade tailings storage will effectively eliminate the risk of any surface releases that could threaten Lake Gaston or any other downstream water source. Virginia Tech geosciences professor and the foremost researcher of the Coles Hill site, Dr. Bob Bodnar, has stated unequivocally that our method of below-grade tailings will make it impossible for tailings to be released to surface waters, including Lake Gaston. Even Virginia Beach's own officials have acknowledged on multiple occasions that the below-grade method effectively eliminates the risk to Lake Gaston.

However, even if this were not the case, there is another very important layer of protection that has been withheld from the public debate. In June, the City of Norfolk's Director of Public Utilities stated that even in the most catastrophic worst-case scenario release of tailings from Coles Hill – a scenario that experts have agreed is impossible under our company's plans – Norfolk's water treatment facilities are fully capable of treating and removing all contaminants and delivering drinking water to the residents of Norfolk and Virginia Beach well within the EPA's safe drinking water standards. This is an important safeguard that should reassure the residents of Hampton Roads that even if the unimaginable, the impossible, were to happen, their drinking water will remain as clean and safe as it is today.

In short, the concern about the impact of the Coles Hill project on Lake Gaston and other downstream water sources is based on a misunderstanding of how our company will store the tailings at Coles Hill. By announcing our company's firm commitment to store all tailings below ground, we hope to reassure the residents of Virginia Beach and all other downstream communities that their water sources, including Lake Gaston, will be protected and are not at risk of any contamination from the Coles Hill project. This is good news for the residents of Southside Virginia and Hampton Roads, and we believe it is another positive step toward a more constructive, informed dialogue about how to ensure that our company operates the safest uranium mine in the world."

####

---

**“Full below-grade disposal of mill tailings is an option that has been developed specifically to eliminate concerns over the release of tailings due to catastrophic failure of a construction retaining berm or tailings dam...”**

**– National Academy of Sciences study, p. 153**

---

---

**“We agree that if you are able to force these tailings to be disposed of below-grade, it dramatically reduces the likelihood that they escape to the surface waters.”**

**– Tom Leahy, Virginia Beach Public Utilities Director,  
“HearSay with Cathy Lewis”, 12/13/11**

---

**“Most importantly, the tailings ponds or impoundment cells will be below-grade and not held behind tall dams that would be susceptible to damage during a catastrophic flooding event... it is inconceivable, even under the most adverse circumstances, that the tailings could be released to the local streams and rivers.”**

**– Dr. Robert Bodnar, Virginia Tech Professor of Geosciences, Danville Register & Bee, 2/27/11**

---

**“...Norfolk’s treatment plants are fully capable of treating the expected levels of contamination from a worst case scenario event to produce water that meets all current Safe Drinking Water Act requirements.”**

**– Norfolk Department of Utilities Report, July 2012**

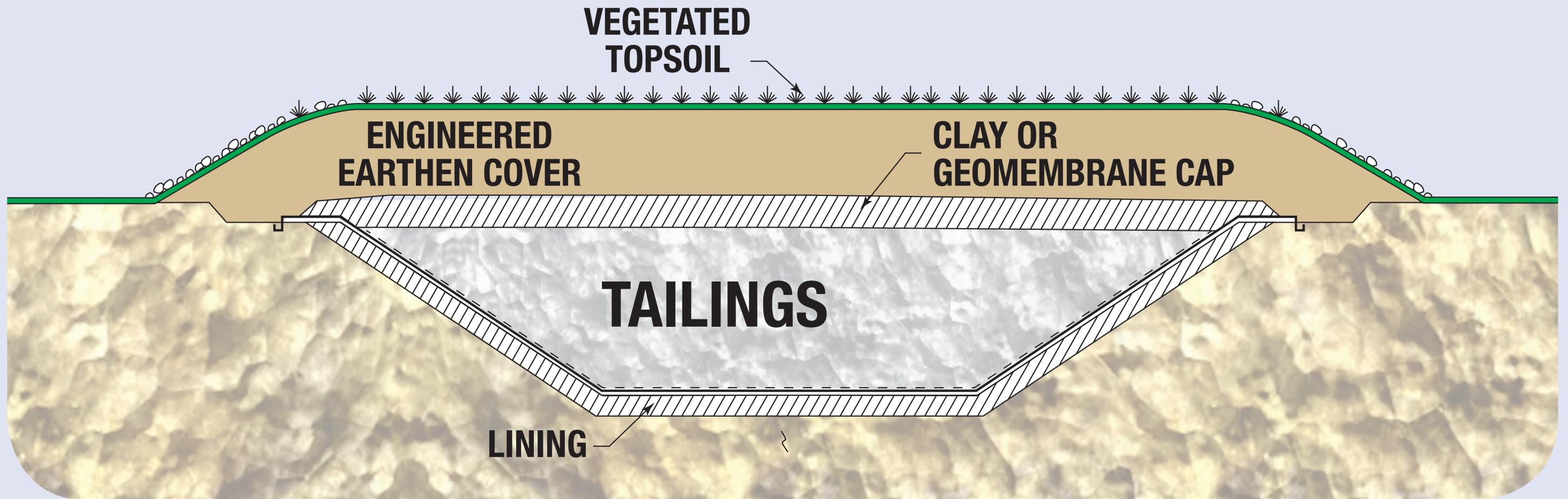
---

---

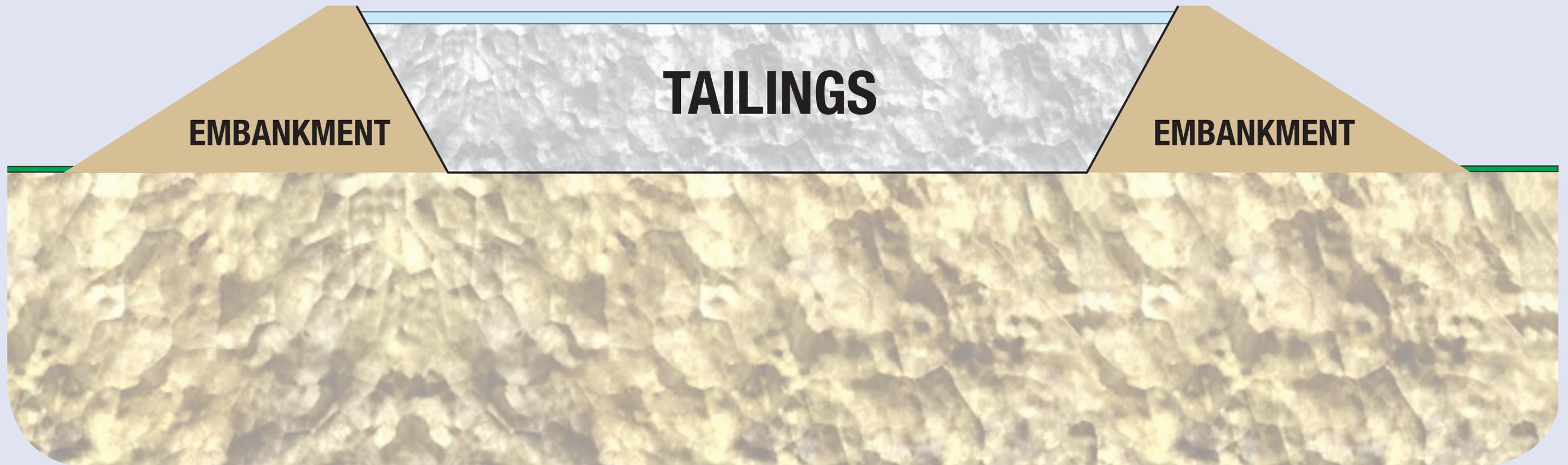
**“The threat to surface water would be dramatically reduced if the tailings were stored below grade.”**

**– City of Virginia Beach Policy Report, June 2012**

---



# BELOW-GRADE TAILINGS IMPOUNDMENT



# **ABOVE-GROUND TAILINGS IMPOUNDMENT**

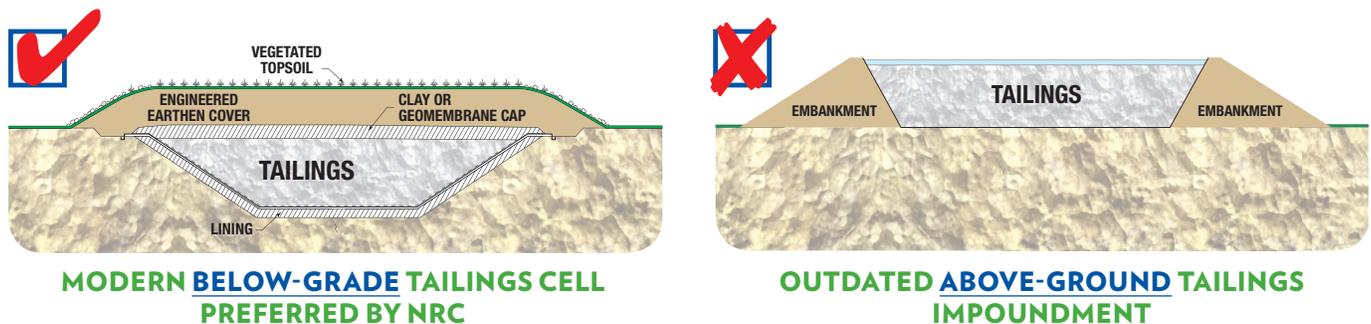
# PROTECTING DOWNSTREAM WATER SOURCES

In February 2011, the City of Virginia Beach released a study conducted by Michael Baker Corp. which attempted to measure the impact of a catastrophic release of tailings – the crushed rock left over from the milling process – at the Coles Hill site on downstream communities, including Virginia Beach. In May 2011, Kleinfelder West Inc. released a technical review of the Baker study identifying numerous flaws in the study’s assumptions, methodology and input data, which grossly exaggerated the possibility that tailings material could be released from Coles Hill and contaminate downstream water sources, including Lake Gaston. Here is a brief summary of the two main flaws identified by Kleinfelder:

- **TAILINGS DESIGN:** The Baker study incorrectly assumed that tailings would be stored in primitive above-ground impoundments that would be susceptible to flood and storm-induced damage. This assumption ignored the company’s repeated commitment to below-grade tailings storage and clear U.S. Nuclear Regulatory Commission (NRC) regulations requiring, in most cases, the safer below-grade method. Kleinfelder concluded that it would be extremely unlikely for the company to receive a license to operate such a primitive tailings structure.
- **LOCATION OF TAILINGS:** The Baker study placed both hypothetical tailings impoundments immediately next to and in direct alignment with the Roanoke and Banister Rivers, disregarding explicit NRC regulations requiring that tailings be placed at far greater distances from river channels and flood plains.

## HOW BELOW-GRADE TAILINGS STORAGE ELIMINATES THE RISK TO DOWNSTREAM WATER SOURCES

As the National Academy of Sciences and other independent experts have concluded, placing tailings in below-grade cells with multiple heavy-duty liners and multi-layer covers eliminates the risk of any releases caused by heavy storms or flooding. Before Virginia Uranium can receive a license to operate, the U.S. Nuclear Regulatory Commission (NRC) must certify that tailings cells are designed to withstand a Probable Maximum Precipitation (PMP) event and a resulting Probable Maximum Flood (PMF) – both more extreme weather events than the worst-case scenario events used in the Baker study – without releasing material into the environment.



“Full below-grade disposal of mill tailings is an option that has been developed specifically to eliminate concerns over the release of tailings due to catastrophic failure of a construction retaining berm or tailings dam... As shown at Elliot Lake, Canada and elsewhere, lined and capped storage repositories can prevent the spread of tailings by erosion and control contamination of groundwater and surface water systems by seepage.” – National Academy of Sciences study, p. 153

“Most importantly, the tailings ponds or impoundment cells will be below-grade and not held behind tall dams that would be susceptible to damage during a catastrophic flooding event... the physical setting of those tailings will be such that it is inconceivable, even under the most adverse circumstances, that the tailings could be released to the local streams and rivers.” – Dr. Robert Bodnar, Virginia Tech Professor of Geosciences, Danville Register & Bee, 2/27/11

“We agree that if you are able to force these tailings to be disposed of below-grade, it dramatically reduces the likelihood that they escape to the surface waters.” – Tom Leahy, Virginia Beach Public Utilities Director, “HearSay with Cathy Lewis”, 12/13/11

**AGENDA NOTE – HRPDC EXECUTIVE COMMITTEE MEETING**

**ITEM #8A: MINUTES**

The Minutes of the HRPDC Quarterly Commission meeting of July 19, 2012 are attached.

**RECOMMENDED ACTION:**

The HRPDC staff recommends approval of the minutes.

Attachment 8A-1

**Hampton Roads Planning District Commission**  
**Quarterly Commission Meeting**  
**Minutes of July 19, 2012**

The Quarterly Commission Meeting was called to order at 9:30 a.m. with the following in attendance:

**COMMISSIONERS:**

Thomas G. Shepperd, Jr. Chairman (YK)	Mary Jones (JC)
Kenneth Wright, Vice Chairman (PO)*	McKinley Price (NN)
Amar Dwarkanath (CH)	Neil A. Morgan (NN)*
Dr. Alan P. Krasnoff (CH)*	Marcus Jones (NO)
Eric Martin (CH)	Thomas Smigiel (NO)
Dr. Ella Ward (CH)	Kenneth L. Chandler (PO)*
Barry Cheatham (FR)	Selena Cuffee-Glenn (SU)
Randy Martin (FR)	Tyrone W. Franklin (SY)*
Ashley Chriscoe (GL)	Harry E. Diezel (VB)
Brenda Garton (GL)	Barbara M. Henley (VB)
W. Douglas Caskey (IW)	James Spore (VB)
Robert Middaugh (JC)	Clyde Haulman (WM)

**EXECUTIVE DIRECTOR:**

Dwight L. Farmer

\*Late arrival or early departure.

**ABSENT:**

Mary Bunting (HA), Molly Joseph Ward (HA), Delores Darden (IW), Sharon Scott (NN), Paul D. Fraim (NO), Anthony Burfoot (NO), Angelia Williams (NO), W. Eugene Hunt (PQ), J. Randall Wheeler (PQ), John Seward (SY), Michael W. Johnson (SH), Ronald W. West (SH), Linda T. Johnson (SU), John E. Uhrin (VB), John Moss (VB), Robert M. Dyer (VB), Louis R. Jones (VB), Jackson C. Tuttle II (WM), James O. McReynolds, (YK).

**OTHERS RECORDED ATTENDING:**

John Gergely (Citizen); Cliff Hayes, Sam Sawan (CH); Ron Williams, Jeff Raliski, Bryan Pennington, Chris Whitney (NO); Eric Nielsen, Tyler Wilson (SU); Brian DeProfio (HA); Michael King, Jerri Wilson (NN); Sherri Neil (PO); Eric Nielsen (SU); Robert Matthias, Thomas Leahy (VB); Patrick Wales, VUI; Bob Burnley, SELC; Kay Kemper, Joel Andrus; Kemper Consulting; Hannah Wiegard, Chesapeake Climate Action Network; Larry Atkinson, ODU; Skip Stiles, Wetlands Watch; Nelson DA Cruz, HDR; W. Dewey Harley, Branscome Inc., Ellis W. James, Sierra Club Observer; Edward R. Baird, Jr. Metro Marine; Steve Romine, LeClair Ryan; Ray Taylor, FHR; Mitzi Crystal, VDOT; Angela Bezik, Principle Advantage LTD; Mark Geduldig-Yatrofsky, Portsmouth City Watch Org.; Henry J. Huelsberg, Willcox & Savage; Cathy Aiello – Aiello Enterprises; Staff: John Carlock, Camelia Ravanbakht, Jasmine Amanin, Richard Case, Shernita Bethea, Melton Boyer, Jennifer Coleman, Katie Cullipher, Nancy Collins, Kathlene Grauberger, Greg Grootendorst, Lisa Hardy, Frances Hughey, James Hummer, Whitney Katchmark, Sara Kidd, Mike Kimbrel, Robert Lawrence, Mike Long, Jai McBride, Benjamin McFarlane, Kelli Peterson, Jennifer Tribo, Joe Turner and Chris Vaigneur.

Chairman Shepperd stated because we do not have a quorum for a full Commission meeting, we will open the meeting as an Executive Committee. He also, stated the Commission meeting has a new format they will follow and has also gone electronic.

### **APPROVAL/MODIFICATION OF AGENDA**

Chairman Shepperd asked if there were any modifications or additions/deletions to the agenda. Hearing none he asked for a motion to approve the agenda.

Commissioner Cheatham Moved to approve the agenda; seconded by Commissioner E. Ward. The Motion Carried.

*(Commissioner K. Chandler Arrives)*

### **REGIONAL CLIMATE CHANGE REPORT – PHASE III FINAL REPORT**

Chairman Shepperd introduced Mr. Benjamin McFarlane to provide an overview of the Regional Climate Change Report.

Mr. McFarlane stated he would be presenting the final report for Phase III of the HRPDC regional climate change project. The report, results, findings and recommendations were described at the June Executive Committee meeting. HRPDC staff have been working on this multi-year grant project since 2008. This effort was funded in part by the Virginia Coastal Zone Management Program which is part of the Virginia Department of Environmental Quality. The first report was released in 2010, the second was released in 2011, and the third one is being discussed today and is focused on sea level rise. It has been discussed for the last several months with the Joint Environmental Committee and now the Commission.

Mr. McFarlane stated this project has three components. The first component was a technical report describing the region's exposure to sea level rise. The second component was community outreach, which consisted of HRPDC staff meetings with the public and other interested parties to present their work and answer questions. The third component consisted of HRPDC staff coordinatinng their efforts on related projects with other organizations, including VIMS, ODU, federal and state agencies, and local governments.

Mr. McFarlane stated the report describes HRPDC climate change efforts for the grant period and includes a discussion of sea level rise trends and projections for Hampton Roads. It describes the GIS analysis of the region's exposure to sea level rise and lays out several findings and recommendations. The report includes four appendices which include descriptions of various outreach and coordination efforts, sample presentations, links to climate adaptation work by other PDCs in Virginia, and a map book showing which areas in the region are exposed to sea level rise. It also contains several findings and recommendations that we have made over the course of the grant and through our discussions with local government staff and others.

HRPDC staff is presently working with several partners to acquire data and acquisition of regional LiDAR data. Sea level rise is expected to be a major issue for many Hampton Roads localities. Therefore, it is recommended that localities begin planning for sea level rise through their comprehensive and other plans. Although various federal and state agencies and Commissions have made recommendations, there is no official state or federal guidance to local governments on how they should comprehensively address sea level rise at the local level. HRPDC staff recommends the Commission and Hampton Roads local governments work with state and federal elected officials to develop and fund guidance and assistance to the affected communities. The U.S. Army Corps of Engineers has developed guidance or incorporated sea level rise projections into infrastructure projects. This guidance is discussed in the report and its associated tools have been demonstrated to the regional Joint Environmental Committee. It was recommended that localities and others in the region consider using this guidance for project planning and design in areas that are potentially vulnerable to sea level rise.

Subsidence is a significant contributor to sea level rise in Hampton Roads but is not very well understood. HRPDC staff recommends the region continue to study the causes and rates of subsidence in Hampton Roads. Effective adaptation strategies that address the sea level will vary based on context, feasibility and popular support. HRPDC staff recommends the region continue studying potential strategies for adapting to sea level rise and other impacts of climate change.

Mr. McFarlane stated the HRPDC staff is working with several other local and regional partners to help the region prepare for and adapt to sea level rise and other climate change impacts. These efforts include partnerships with VIMS, ODU, Virginia Sea Grant, UVA, and others. HRPDC is working on a one year Coastal Zone Management Program grant focused on planning for coastal resiliency, which will include sea level rise adaptation. During the review process, comments were received from several local governments that are stakeholders. These comments were discussed with the regional Joint Environmental Committee and were incorporated under the final report. The final report was presented to the Joint Environmental Committee for its recommendation at its meeting earlier in July. The Committee recommends the HRPDC approve the report for publication and distribution.

Chairman Shepperd asked for questions.

The Chairman asked who put this report together.

Mr. McFarlane stated he did.

Chairman Shepperd commended Mr. McFarlane for a job well done.

*(Commissioner K. Wright arrives)*

Chairman Shepperd stated the public comments will take place under the Action Items Agenda. There is now a quorum for a full Commission meeting.

## **RESOLUTIONS OF APPRECIATION**

Chairman Shepperd stated there were two people receiving Resolutions of Appreciation today, Mr. Ross Kearney who served on the Commission for a number of years is not present and Mr. Cliff Hayes. Chairman Shepperd presented Mr. Hayes with a Resolution of Appreciation for his many years of service and wished him well.

Mr. Hayes stated he enjoyed working as a board member and he appreciates the professionalism, hard work, thoroughness and the expertise that comes from the HRPDC staff.

The Commission and staff recognized with applause.

## **STORMWATER MANAGEMENT REGULATIONS**

Chairman Shepperd introduced Ms. Jennifer Tribo to provide a briefing on the Stormwater Management Regulations.

Ms. Tribo stated she would be providing some background information on stormwater regulation changes, schedule for implementation, and an overview of the actions required of local governments. The revision to the regulation began in 2004 when the General Assembly transferred the Virginia Stormwater Management Program from DEQ to DCR, requiring the Soil and Water Conservation Board to adopt new regulations, and localities to establish local programs. After several years of advisory panel meetings attended by HRPDC and local staffs, DCR released the regulations and received 300 pages of public comments that the Board approved, but suspended the regulations due to uncertainty that there would be compliance with the Chesapeake Bay TMDL.

In 2010, the General Assembly set a new schedule for the regulations, stating they must be established within 280 days of development of the Bay TMDL. The DCR worked with the new advisory panel and developed criteria that protected both local water quality and that the Bay TMDL. The regulations were adopted by the Board and became effective in September of 2011. The regulations will not be implemented until July 1, 2014, in order to coincide with the reissuance of the Construction General Permit.

Ms. Tribo stated there are three main goals of the regulations: 1) require local governments to review and approve construction General Permit Applications giving local government control over permit approvals and improving compliance with regulations. Localities will revise their ordinances in order to adopt local programs, and DCR will still issue the permit and have oversight over local programs; 2) establish statewide criteria to protect water quality and allow new development to occur without adding more nutrients to the Chesapeake Bay; 3) establish a statewide fee schedule for permits. Seventy-two percent of the permit fees will go to local government and 28% of those fees to DCR for local program oversight.

Ms. Tribo stated the process of adopting local programs will be difficult. There are benefits of having local control of the speed and quality of plan review and approval: the ability to control economic development and opportunities to address local concerns earlier in the process; protection of local natural resources through approved regulatory compliance; and less confusion for developers who previously had to get plans reviewed by the locality and state for different requirements. The regulations will not be implemented for two more years and there is a lot of work for local governments and the state to complete during that time. Localities must take local programs to the Soil and Water Conservation Board for review and approval between January and July of 2013. Localities can receive up to a one year extension if they demonstrate adequate progress. Currently, local government staffs should be identifying ordinances that need to be revised and developing funding and staffing plans.

The Board will review local programs consisting of local ordinance changes, policies and procedures for program administration, plan review, inspection and enforcement as well as funding and staffing plans. Most Hampton Roads localities are to review development plans for water quality criteria within the Chesapeake Bay Preservation Act areas but references and requirements will need to be revised within those ordinances and there may be some new ordinances that need to be put in place to cover the complete program. The local government adoption of the state program will require additional review times so localities should determine if they need to make any changes to their current plan review process, and if there will be additional program costs. The regulations set the state fee schedule and it does allow the localities to determine their own fees, but they do need to get these developed and reviewed by the Board for approval.

Ms. Tribo stated the HRPDC staff has been working with the state to help develop guidance materials for the localities and define a program to implement details. HRPDC staff will also be involved with the reissuance of the Construction General Permits being developed that will determine some components of the local programs. HRPDC staff is also working through the HRPDC Stormwater Subcommittee to coordinate any key decisions among the localities regarding the local programs, and working to develop any regional legislative revisions as necessary as issues arise from local governments.

Chairman Shepperd asked for questions.

Chairman Shepperd asked how does this Virginia Stormwater Management Regulation vary from the TMDL effort. Is this the answer to the TMDL?

Ms. Tribo stated this is complimentary to the TMDL process. Implementation of the stormwater criteria will fulfill the new development requirements of the Chesapeake Bay TMDL. The TMDL set nutrient limits and these new developments comply with the water quality criteria and the regulations. They will not be adding more nutrients as we are trying to reduce them.

Chairman Shepperd asked if this is going to be the answer to the TMDL requirements.

Ms. Tribo stated it will help meet the requirements, but these are new development requirements. This keeps the nutrient levels steady and localities will need to reduce them through redevelopment, which requires reductions in the nutrients and through retrofit actions, which was discussed previously that the local governments are developing projects to reduce nutrients from the current development.

Chairman Shepperd stated the report mentions expansion of local programs to meet the state mandated effort which appears to be an unfunded mandate on the localities.

Ms. Tribo stated currently, all local governments in Hampton Roads review development plans for local approval, and the state looks at those plans for compliance with the Construction General Permit, and there are some changes to the permit requirements and also the local governments. When reviewing the development plans they will be reviewing the plans for local compliance, as well as compliance with the state requirements.

Chairman Shepperd stated one of the things localities need to do is find out if they have adequate staff to be able to comply with the state mandate. Localities will have to put more staff on an unfunded mandate and localities are going to pay for it because they have to find the money to be able to include adding personnel, engineers, or whoever is needed to make this happen. In addition, the state is getting 28%. Is that something new?

Ms. Tribo stated no it was in the original General Assembly action, and it has been in the regulations. It is a little confusing, the regulations set the statewide fee, but it allows localities to vary their fees. The state will receive 28% of the fees stated in the regulations, but localities can charge more.

Chairman Shepperd asked what the state is using the 28% for.

Ms. Tribo stated the 28% is being used for program oversight and to review local programs. The state is developing an online database to receive the permit applications and issue the permit numbers.

Chairman Shepperd thanked Ms. Tribo.

## **URANIUM MINING**

Chairman Shepperd introduced Mr. Tom Leahy, Virginia Beach Director of Public Works who will brief the Commission on Uranium Mining.

Mr. Leahy stated Virginia Beach commissioned a computer model of the potential water quality impacts in Lake Gaston if an above-grade uranium mine tailing cell were breached by a catastrophic storm such as the storm that struck Nelson County in 1969, it dropped 30 inches of rainfall in six to eight hours. He stated he will show the Commissioners a worst-case scenario for a single above-grade cell failure on the Banister River. He pointed out that it is a misunderstanding of our work to say that they modeled a failure of a disposal cell that was on the Banister River. Looking at the Nelson County storm, as well as other

tailings cells disposal failures over the years, it's clear that Virginia's hydrology could move these tailings to the waterway. We did not model a failure on the river, but the modelers did have to pick a point on the river at which the tailings would enter the river. This is a hypothetical event, it is a very unlikely event and it is something that technology and regulations should prevent. There are two model scenarios; the first was assuming after the catastrophe there was a two-year period of relatively wet weather and then we modeled a two-year period of relatively dry weather. The Lake Gaston pump station did not operate during that time. We looked at three contaminants: radium, thorium, and uranium. With respect to the results not in the reservoir beds but in the water column, that would be of most interest to water suppliers, the biggest problem was radium coming down stream. The model indicated that after this hypothetical catastrophe, radium radioactivity would remain above legal levels for several months during the wet years and six to sixteen months during dry years.

Mr. Leahy showed a video of the results for radium with dry year with a red background and the results showing twenty picocuries per liter, which is about four times the legal limit. The blue background which would be less than one picocurie per liter, and the legal limit is five. One thing noticed in the video was without any driving force, you did not see much intrusion of contamination into the tributaries until flood control operations, which are actually pushing some of the contamination up into the tributaries. The Kerr Dam provides 93% of Lake Gaston's inflow.

Chairman Shepperd asked Mr. Leahy to explain the color change.

Mr. Leahy stated the color is changing as fresh water and inflow is diluting the uranium and flushing it down stream. Right after the event is the very high concentration, and as water moves through Kerr Reservoir, it is diluting and some of it is settling out and some of it is washing downstream.

Mr. Leahy stated Lake Gaston results are very similar to Kerr Reservoir with one exception. Lake Gaston is not operated for flood control, and you will not see intrusion into these tributaries. The largest tributary on Lake Gaston is Pea Hill Creek, where the Virginia Beach Chesapeake water intake is located at the confluence of this sub-tributary within the main body. As you can see in the absence of operating the project, there would be no intrusion into the Creek. However, the inflow from Pea Hill Creek is very small. In a drought, it is probably nonexistent even less in the evaporation from the Creek. When Virginia Beach operates the project, we reverse flow into Pea Hill Creek. There is about 60 to 90 days of storage between the Virginia Beach intake and the main body. When operating the project under normal conditions, it would take about 60 to 90 days to move those contaminants up into Pea Hill Creek and into Virginia Beach intake. Radium, which was the worst actor after two year scenario, is pretty much removed from the water column. Only about 10% to 20% of the radioactivity ends up in the water column. Eighty to 90% settles out in the river and reservoir beds.

Mr. Leahy stated the National Academy of Science has concluded the necessary regulatory framework is not in place today to safely mine uranium in Virginia. They indicated there were steep hurdles, to overcome before it would be. Although it is very unlikely, the Academy did indicate that extreme natural events intersecting with human error or human mismanagement could result in tailings released from above-grade disposal cells. There are arguments from the proponents of uranium mining that all these tailing cells will be built below grade. There is no law or regulation that requires that today, although the federal laws and regulations do favor below grade disposal. The National Academy of Science has specifically dismissed this automatic presumption, pointing out that the only mine licensed in the last 30 years allowed above-grade disposal cells even though below disposal cells were the technically preferred option. Also 30 years ago, the Marline Company prepared an engineering report and indicated that because of high water tables, below grade impoundments and below grade storage disposal cells would not work. At this time, there are no laws and regulations that would mandate below grade disposal. If there was a breach of an above-grade cell caused by a catastrophic event it would probably force the City to shut down the Gaston project for maybe a period of months if it was wet weather, and maybe over a year if it was dry weather. The probability of this is very small but the consequences are great.

Chairman Shepperd asked what is above-grade and below grade?

Mr. Leahy stated Mount Trashmore would be an above-grade impoundment. A below grade impoundment would be if you excavated a large pit below grade and then stored it all below grade and covered it.

Chairman Shepperd stated the concern here is that the above-grade storage of this uranium would end up in the reservoirs?

Mr. Leahy stated yes, if all the tailings were disposed of below grade that would dramatically, if not completely eliminate, the likelihood of released surface waters. It becomes a risk to ground water and whether or not that is going to be allowed is unknown. Someone can say they intend to put them below grade, but five or six years from now if the environmental groundwater conditions do not support it that may not be the option to pursue.

Chairman Shepperd asked if Virginia Beach's concern is that the filings are at such concentration that it would cause seepage into the groundwater.

Mr. Leahy stated it is below groundwater and surface water contamination is the issue. It is a naturally occurring element but it naturally occurs as solid rock hundreds of feet below the ground. It is ground up into sand and clay like particles and it is capable of being moved by air and water, but if the disposal cells were placed below grade, it reduces the likelihood of releasing into the surface environment and increased risk of releasing to the groundwater environment.

Chairman Shepperd stated the concern from Virginia Beach is a percent of your water source coming out of Lake Gaston and Kerr Reservoir and if it is polluted that is going to shut down the source for multiple of years, and Virginia Beach has no alternative source.

Mr. Leahy stated it is a little more complicated because the Cities of Chesapeake, Norfolk and Virginia Beach water supplies are interconnected both physically and contractually. On the average, Lake Gaston provides about a third of the water for Norfolk, Virginia Beach and Chesapeake and depending on the weather it can be more or less. Lake Gaston is actually discharged into Norfolk's reservoirs, and from there, Norfolk provides water to the Cities of Norfolk, Virginia Beach, and to portions of Chesapeake.

Chairman Shepperd stated there are multiple cities involved. Virginia Beach is the one that is bringing forward the issue.

Mr. Leahy stated Virginia Beach is taking the lead because they are the project manager of Lake Gaston.

Commissioner Smigiel stated Norfolk City Council will be considering a similar resolution at its meeting next week. Norfolk is moving forward with supporting Virginia Beach.

Commissioner E. Ward stated City of Chesapeake brought the resolution forward at it's last meeting. The City is looking at the alternative sources, but is supporting the resolution also. The City of Virginia Beach and Chesapeake stands to be highly impacted by the uranium mining project if these materials are released, they could eventually get into the reservoir and impact our water supply tremendously.

Mr. Farmer stated HRPDC staff anticipates having a resolution at the September meeting.

Chairman Shepperd stated at the September meeting there will be a uranium resolution that will be presented to Commission for consideration of the Hampton Roads PDC support. It is the same concern that Virginia Beach and the other cities have.

Chairman Shepperd stated the Commissioners are here because they represent elected bodies of various municipalities, and to come together and talk to each other. This is not a forum in which every organization can come and express its concerns. To express their concerns people are allowed three minutes. In addition, the public can write to the various boards and the Commissions and express their concerns that way. This is where the localities come together and discuss their concerns. This is why there is control with the agenda. If there are oppositions and concerns to the briefing, the public will get their three minutes and they can also bring it to Mr. Farmer's attention with input and it will be read and addressed appropriately.

## **STAFF PERFORMANCE COMPENSATION**

Chairman Shepperd stated this item was brought up at the June meeting. The Personnel and Budget Committee met and their recommendation was to approve the increase. The Commissioners thought they needed more time to process the information and asked Mr. Farmer for additional information because there were gaps in the information from some of the municipalities. Mr. Farmer was asked to create an additional chart.

Mr. Farmer stated he would explain how the Commission went through the process. HRPDC staff put together a budget in March and presented it to the Commission in April for approval with a recommendation for a 2% performance based compensation adjustment. The Personnel and Budget Committee then recommended 1.5%. HRPDC staff included in the agenda packet a chart which showed what had been done from localities' perspectives and also included two other regional entities during the past five years which the Personnel and Budget Committee requested. HRPDC staff went through several methodologies to try to compare what permanent raises, percent bonus, dollar bonus, step increases, and general wage increases the localities had given out.

HRPDC staff looked at a hypothetical situation for a \$50,000 per year employee to see at the end of FY 13, what that hypothetical salary would be. If a 1.5% is awarded to the PDC staff, it would be a \$52,852 in FY 13. If there was no award, the range drops down to fourth or fifth at the bottom of the salary to \$52,071. What we did there was we looked at the average percent raise awarded to that hypothetical employee per year for five years and again if no increase is awarded. We would be at the .83%, and fourth from the bottom, and if we are awarded the 1.5%, the HRPDC staff would average 1.14% for the five years, which again puts us roughly in the middle of what the localities are doing. The HRPDC staff understands the economic conditions, the budget constraints and conditions the localities are working in.

Chairman Shepperd asked for questions or comments. Chairman Shepperd stated this is a consent item for approval and he was taking it out of consent just in case there was discussion because he did want anybody say they did not know about this.

Commissioner Haulman asked Mr. Farmer to tell the Commissioners about the HRPDC staffing over the time period since 2009. Most localities have cut back their staffing. Localities are asking fewer people to do the same jobs. How does HRPDC staffing compare to what happened?

Mr. Farmer stated HRPDC staff is down about 5%. We started at roughly 50 and we are more like the mid-40s. The HRPDC staff who support this facility is down 25% an employee.

Commissioner Haulman stated the HRPDC staffing is much in line with what happened in his locality.

Mr. Farmer stated yes, and from request of the leadership from Newport News, he had talked with Mr. Morgan and HRPDC has cut the FY 13 budget local contribution rate by 2.5% and worked a flat budget. HRPDC federal dollars, which constitute the bulk of it, and state dollars are down as well as our local dollars.

Commissioner Haulman thanked Mr. Farmer.

Chairman Shepperd asked for any other comments or questions.

*(Commissioner Franklin departed)*

## **PUBLIC COMMENTS**

Chairman Shepperd stated there are four people requesting to address the Hampton Roads Planning District Commission. Each speaker has three minutes. The meeting is now in Executive Committee session.

### ***Patrick Wales***

*Thank you, Mr. Chairman and Members of the Commission, my name is Patrick Wales. I am a project vendor geologist with Virginia Uranium Incorporated. We own the uranium deposits located in Pittsylvania County. Just to give you a little bit about my background, I have a bachelor and master's degree in geology, and over the last seven years have worked in the fields of environmental and exploration geology. I have traveled a great distance to be with you today to emphasize we are very serious about addressing the concerns raised by Mr. Leahy in the City of Virginia Beach. With modern mining technology and regulation, our project represents a unique opportunity for national energy independence, statewide benefit and of a potential economic life line for an area of the Commonwealth that desperately needs jobs and economic activity. However, let me be clear. None of that should ever come at the risk of health and safety of our community or your community. Mr. Leahy articulated the position of the City of Virginia Beach and in largely what their concerns are. Two things that we would like to point out about the Baker Study that in our opinion it relies fundamentally on two flawed assumptions. The first is that the tailings would be above-grade, and I think we had some discussion on that. Second, that once the tailings would be released in the catastrophic situation, they directly enter into the waterway. Neither of these assumptions is considered industry best practice, nor are they likely to be approved by the federal regulators. I provided a copy of along with my comments of the Virginia Beach resolution, I encourage you to read lines 48 through 52, which clearly state that the Baker study model assumes we would store tailings above-grade. The resolution goes on to state that if Virginia Uranium were to locate below-grade tailings storage, the risks would be, quote, significantly reduced. This view that below grade tailings storage would address the concerns of the City of Virginia Beach has been articulated by Mr. Leahy here today and numerous other city officials in the past. I've also included a letter with my remarks that were recently sent from our chairman and CEO to the City of Virginia Beach in which VUI commits to storing tailings below grade. Absent a determination that is more stringent and more protective tailings disposal methods are available as determined by the Nuclear Regulatory Commission. Our company believes that is the best tailings management method to address the concerns of your community and to protect our community and we are clear on this point. As you may know, the governor has impaneled a work group from various state agencies to develop a regulatory structure to*

*present to the public and General Assembly this fall. It is anticipated the work group will present a strict regulatory framework that will address a wide range of issues and concerns. It is our hope that your body will further examine the commitments that our company has made on important health and safety issues and will look to the recommendations that come out of the governor's work group. So again, I thank you for your time and I thank you for the opportunity to address the Planning District Commission.*

**Skip Stiles**

*Good morning. My name is Skip Stiles. I am a resident of Norfolk. I am also Executive Director of Wetlands Watch. It is an environmental group based in Norfolk. We have been working throughout Virginia for much of the last six years with tidal localities helping them adapt to sea level work from the Northern Neck into this region all the way through Accomack. I was also a member of the 2008 Virginia Climate Change Commission, and in that Commission we developed a set of recommendations for adapting to climate change impacts like sea level rise, none which have been implemented. We are left, as I testified to Congress in 2009, essentially alone and blind stumbling across an increasingly dangerous landscape. The actions before you today on the LiDAR mapping and the climate change report will change that. Those were the two highest recommendations consensus recommendations of the Climate Change Commission. The LiDAR mapping is a significant investment of money but it is also going to provide returns to all of these localities very quickly. It also provides the basis for private sector value added products that will generate revenue. That data that is going to be flown here and Mr. McFarlane will explain in excruciating detail shortly, will actually be flown close to mean low water, which will allow us to precisely set where the shoreline is and help all of your localities plan for sea level rise. It is also the piece of a data set that encompasses all of tidal Virginia, the U.S. Geologic Survey flew the western shore of the bay with a half million dollars stimulus package a couple years ago, the Nature Conservancy mapped the entire Eastern Shore on its own dime little while ago. All of this data will be consistent. The second piece is the study that you are looking at, the third year study, and this is a critical piece. Again, without state leadership, we're all being left on our own to solve this problem. When I do federal agency visits and I have met with federal agency staff over the last couple years, to try to bring money into this region, the first thing they ask me is where is my state partner, we do not have one. Then they say what is going on with your region because I am not going from city council to county board to find a partner. So, this study helps the region step up. It is a sobering study. It is difficult to embrace, but I think, as with a twelve step analogy, if we do not admit we have a problem, we are not going to get help. The other critical piece of this is that there are other regions in the country in the same fix we are, who are either equal to or ahead of us in their progress. Southwestern -- southeastern Florida, the four counties down there around Miami Dade, six million people have a regional compact that is moving aggressively ahead on this issue. San Diego Bay just finished a study. San Francisco Bay, Delaware Coastal Bay and the coastline have been working on this for the last year and a half. Western Long Island Sound, including New York City is very active on this. All of these people are going to go to that same federal doorway looking for money, and if we can get there ahead of them, then we are going to have the advantage over them as the region and the localities seek funding to deal with this issue. So I commend these two actions to you and I thank you for taking them.*

**Bob Burnley**

*Thank you, Mr. Chairman. My name is Bob Burnley. I am an Environmental Scientist and a former Director of the Virginia Department of Environmental Quality, and I am here today on behalf of the Southern Environmental Law Center. I want to talk for just a few minutes about the National Academy of Sciences report that Mr. Leahy referred to in his presentation. Just a*

*little background. In 2008, after plans were announced to mine uranium and dispose of the radioactive waste in state, the Virginia Coal and Energy Commission contracted with the National Academy of Sciences to conduct a rigorous unbiased analysis of uranium mining. Following the release of that report, just last December, the National Academy conducted public outreach sessions to answer questions and to explain the results of their analysis. Those sessions have just recently concluded with one in Virginia Beach a few weeks ago. Let me be real clear on this. The NAS report represents the gold standard that is why they were selected to do this. It is the only independent peer reviewed study that had been conducted or will be conducted on the wider issues of uranium mining processing and waste disposal. This report validates the core concerns of local and downstream localities and confirms that Virginia's wet climate and vulnerability to extreme natural event presents in their words steep challenges to mining. Let me just quote for a minute from the report from page 145, significant potential environmental risks are associated with extreme natural events and failures to management practices. Extreme natural events like hurricanes, earthquakes, and intense rainfall events have the potential to lead to the release of contaminants of facilities that are not designed and constructed to withstand an event or failed to perform as they were designed. In a hydrological active environment such as Virginia, with relatively frequent tropical and conductive storms producing intense rainfall, it is questionable whether currently engineered tailings repository could be expected to prevent erosion and water contamination for a thousand years, which is what they are expected to do under the Nuclear Regulatory Commission rules. On page 103 because thorium 230 and radium 226 are present in mine tailings, these radial nuclearize decay products can, if not controlled adequately, contaminate the local environment under certain conditions and particular water resources. This, in turn, can lead to the risk of cancer from drinking water and just one more. The decay products of uranium provide a constant source of radiation and uranium tailings for thousands of years. I know you are going to see a resolution coming from your staff in the next couple weeks, and I would urge you or next couple months, I would urge you to consider that a very strong resolution against uranium mining.*

*(Mayor Krasnoff arrives)*

Chairman Shepperd stated The Executive Committee portion is closed and a Quarterly Commission meeting is now in session.

***Ellis W. James***

Thank you, Chairman Shepperd, members of the Commission my name is Ellis W. James. I am a lifelong resident of Norfolk, Virginia. Thanks to all the communities for paying attention to the heat. The heat has exacerbated greatly the question of water usage and it has been referenced in the remarks that I want to fully endorse that have been made by Mr. Stiles and Mr. Burnley. The question before us as communities is a simple one: Do we do uranium mining in the Commonwealth of Virginia or do we not do it? The proponents are seeking a lifting of the moratorium which will let loose the dogs. We are not talking about just Cole's Hill. We are talking about lifting of the moratorium protecting the citizens in the Commonwealth of Virginia against potential risk and contamination of our water supply. And the great irony for me personally is that this comes at a moment when the drought is deepening and the question of water usage should be on everybody's mind because we are going to get hammered in my opinion if we don't pay close attention to what projects we allow to go forward. Now, Mr. Chairman, let me suggest to the Commission, I do not wish to hammer our friends who are in desperate need of jobs in Surry County. I have a lot of

friends in Surry County. The question more importantly is if we allow this project to go forward, do we do great harm and injury to the drinking water supply of a large number of communities throughout the Commonwealth? And I would submit to you that the existence of a 125 organizations, groups, counties, and local boards opposing lifting the moratorium is no accident, and by the way, the effort has now spilled down the Roanoke Valley and over into North Carolina where there is great concern. I would hope that this Commission would pay close attention in its resolution to the absence in the Commonwealth of Virginia of any significant meaningful way to regulate and model to pay close monitoring attention to the activities that are being proposed. The state of Virginia pays less than 1% of its budget to help with moderation and monitoring. That is disaster waiting to happen. Thank you Mr. Chairman.

## **APPROVAL OF CONSENT ITEMS**

The Consent Agenda contained the following items:

Minutes of June 21, 2012 Meeting

Treasurer's Report

Regional Reviews

A. PNRS Items Review

FY 2012 Drinking Water State Revolving Fund Program – Safe Water Drinking Act – Virginia Department of Health

B. Environmental Impact Assessment/Statement Review

Princess Anne WMA – Canal Maintenance Dredge and Wave Screen – Virginia Beach

Modified EIR for Master Plan Parking Lots and Acquisition – Christopher Newport University

Project CH12 POD-005, Columbus Gas Transmission – DOE/Federal Energy Commission

Regional Climate Change Project – Phase III Final Report

Regional LiDAR Acquisition

Staff Performance Compensation

Chairman Shepperd stated he was not removing the staff Performance Compensation unless anybody specifically wants to remove it for more discussion; being none, he asked for a motion for approval of the consent agenda.

Commissioner Garton Moved to approve the Consent Agenda; seconded by Commissioner Diezel. The Motion Carried

### **THREE-MONTH TENTATIVE SCHEDULE**

Chairman Shepperd stated the HRPDC meeting for the month of August has been canceled.

### **PROJECT STATUS REPORTS**

No questions or comments noted.

### **CORRESPONDENCE OF INTEREST**

No questions or comments noted.

### **OLD/NEW BUSINESS**

No questions or comments noted.

### **ADJOURNMENT**

With no further business to come before the Hampton Roads Planning District Commission, the meeting adjourned at 10:31 a.m.

---

Thomas G. Shepperd, Jr.  
Chairman

---

Dwight L. Farmer  
Executive Director/Secretary

**AGENDA NOTE – HRPDC EXECUTIVE COMMITTEE MEETING**

**ITEM #8B: TREASURER’S REPORTS**

**SUBJECT:**

Monthly financial activity for the HRPDC.

**BACKGROUND:**

Due to the year-end financial audit, the Treasurer’s Reports for July, August and September are unavailable until staff can close the books for June 30, 2012. The Treasurer’s Reports will be presented in the October Quarterly Commission Agenda.

**RECOMMENDED ACTION:**

No action at this time.

## **AGENDA NOTE – HRPDC EXECUTIVE COMMITTEE MEETING**

### **ITEM #8C: REGIONAL REVIEWS – MONTHLY STATUS REPORT**

a. PNRs Items (Initial Review)

The HRPDC staff is routinely involved in the review of applications for grants to support projects involving federal or state funding. To ensure that all Commissioners are aware of projects being reviewed, brief summaries of these projects and anticipated review schedules are included in the Agenda. The HRPDC staff will continue to request comments directly from staff in localities that appear to be directly affected by a project. Review and comment by more than one locality is requested when a project may affect the entire region or a sub-regional area. There were no outstanding comments as of September 6, 2012 on these projects.

Attachment 8C-1 - PNRs

b. Environmental Impact Assessment/Statement Review

The HRPDC staff is routinely involved in the review of environmental impact assessments and statements for projects involving federal funding or permits as well as state development projects. To ensure that all Commissioners are aware of projects being reviewed, brief summaries of these projects and anticipated review schedules are included in the Agenda. The HRPDC staff will continue to request comments directly from staff in localities that appear to be directly affected by a project. There were no outstanding comments as of September 6, 2012 on these projects.

Attachment 8C-2 – Environmental Impact Assessment/Statement Review

#### **RECOMMENDED ACTION:**

None required.

# Project Notification and Reviews

**Date** 7/30/2012    **CH #** VA120730-2523710

**Title** Marine Engine Repower of the Tug Boat G.M. McAllister

**Applicant** Virginia Maritime Association (VMA)

**State/Federal Program** Environmental Protection Agency

**Type of Impact** Newport News, Hampton, Portsmo    **Project Staff** Sara Kidd

## Project Description

This project will repower the existing Tier 0 (unregulated) propulsion engines in one marine tug boat with EPA-certified Tier 3 engines. This project does not propose to implement any technology or emission reduction strategy that is currently mandated by Federal law.

<b>Federal</b>	\$1,206,569.00	<b>Local</b>	\$0.00
<b>Applicant</b>	\$0.00	<b>Other</b>	\$1,150,000.00
<b>State</b>	\$0.00	<b>Income</b>	\$0.00
<b>TOTAL</b>		\$2,356,569.00	

**Date** 8/29/2012    **CH #** VA120802-2623760

**Title** VA DEQ Pollution Prevention Enhancements

**Applicant** Virginia Department of Environmental Quality

**State/Federal Program** EPA/Pollution Prevention Grant Program

**Type of Impact** Statewide    **Project Staff** Sara Kidd

## Project Description

The funds from the Pollution Prevention Grant Program will go toward integrating the Virginia Environmental Excellence Program (VEEP) into DEQ's Comprehensive Environmental Data System (CEDs); present the DEQ P2 sustainability conference and host other meetings; and enhance the Virginia Green Tourism Supplier Network.

<b>Federal</b>	\$86,500.00	<b>Local</b>	\$0.00
<b>Applicant</b>	\$86,500.00	<b>Other</b>	\$0.00
<b>State</b>	\$0.00	<b>Income</b>	\$0.00
<b>TOTAL</b>		\$173,000.00	

# Environmental Impact Reviews

**Received** 7/9/2012

**Number** 12-128S

**Name** Surry-Skiffes Creek 500 kV Transmission Line, Skiffes Creek-Wheaton 230 kV Transmissi

**Sponsor** State Corporation Commission

## Description

Dominion Virginia Power has submitted an application to the State Corporation Commission for approval of a certificate of public convenience and necessity for the construction of (a) approximately 7.4 miles of new 500 kV electric transmission line in the Counties of Surry and James City from the Company's existing 500 kV-230 kV Surry Switching Station in Surry County to a new 500 kV-230 kV-115 kV Skiffes Creek Switching Station in James City County to be constructed on a 51-acre parcel of land owned by the Company; (b) the proposed Skiffes Creek Switching Station; (c) approximately 20.2 miles of new 230 kV line in the Counties of James City and York and the City of Newport News from the proposed Skiffes Creek Switching Station to the Company's existing Wheaton Substation located in the City of Hampton; and (d) additional facilities at the existing Surry Switching Station and Wheaton Substation.

**Affected Localities** Surry County James City Count York County

## Finding

The proposed project has the potential to result in several adverse impacts to Hampton Roads localities and residents. The proposed transmission line could result in negative impacts to important natural, cultural, historic, recreational, and economic resources of local, state, and national importance. The preferred proposal of an overhead transmission line could cause severe visual impacts to areas and properties along the James River, which is designated as a Virginia Scenic River and is listed on the Nationwide Rivers Inventory. The river is also part of the Captain John Smith Chesapeake National Historic Trail. The proposed alternative route beginning in Charles City County would cause significant environmental impacts, as well as impacts to numerous properties along the route.

Based on this review, staff recommends that Dominion Virginia Power reconsider an underground crossing of the James River. In addition, staff recommends that Dominion Virginia Power work with affected localities to eliminate or mitigate any unavoidable impacts to properties and resources affected by the project.

**Comments Sent** 8/2/2012

**Final State Comments Received**

**Received** 7/19/2012

**Number** 12-138F

**Name** Kenley Commons Habitat for Humanity Housing

**Sponsor** U.S. Department of Housing & Urban Development

**Description**

Habitat for Humanity proposes to use funding from the U.S. Department of Housing and Urban Development to construct six two-story townhomes with adjacent parking on a 0.60-acre lot in the City of Virginia Beach, as described in the federal consistency determination (FCD) for the proposed project. According to the FCD, the proposed project will not affect wetlands or Chesapeake Bay Preservation Areas. The FCD states that the project would be consistent with the enforceable policies of the Virginia Coastal Zone Management Program (VCP) (formerly called the Virginia Coastal Resources Management Program).

**Affected Localities** Virginia Beach

**Finding**

The proposal appears to be consistent with local and regional plans and policies.

**Comments Sent** 8/13/2012

**Final State Comments Received** 8/30/2012

**Received** 7/30/2012

**Number** 12-141F

**Name** Maintenance Dredging of the Skiffes Creek Federal Navigation Channel at Joint Base Langle

**Sponsor** DOD/Department of the Air Force

**Description**

The Department of the Air Force (Air Force) at Joint Base Langley-Eustis in the City of Newport News has submitted a Supplemental Environmental Assessment (SEA) for the maintenance dredging of the Skiffes Creek Federal Navigation Channel. An Environmental Assessment (EA) was prepared in 2003 (the Commonwealth reviewed and responded to the 2003 EA) for the activity. The EA evaluated the potential environmental effects associated with maintenance dredging of two unconnected neighboring channels (Skiffes Creek channel and the U. S. Maritime Administration channel) as well as improving the structural integrity of the upland confined placement facility, the Fort Eustis Dredged Material Management Area (FEDMMA). Since then, several regulatory and biological resource changes have occurred including the listing of the Atlantic sturgeon as a federal endangered species, the delisting of the bald eagle as an endangered species (now afforded special protection under the Bald and Golden Eagle Protection Act), and Fort Eustis recently embarked upon major efforts to control the Common Reed (*Phragmites australis*) which is within a portion of the project area. The proposed action remains essentially the same as articulated in the 2003 EA; however, the project does not involve dredging of the U. S. Maritime Administration channel.

**Affected Localities** Newport News

**Finding**

The proposal appears to be consistent with local and regional plans and policies. HRPDC staff concurs with the Finding of No Significant Impact.

**Comments Sent** 8/16/2012

**Final State Comments Received** 8/28/2012

**Received** 7/30/2012

**Number** 12-140F

**Name** Control of Common Reed (*Phragmites australis*) at Joint Base Langley-Fort Eustis, Virginia

**Sponsor** DOD/Department of the Air Force

### **Description**

The Department of the Air Force (Air Force) at Joint Base Langley-Eustis in the City of Newport News has submitted a Supplemental Environmental Assessment (SEA) for the control of the common reed (*Phragmites australis*) on the base. Control of the common reed was initiated in 2004 following completion of an Environmental Assessment (EA) (the Commonwealth reviewed and responded to the EA in 2004). Since then, several regulatory and biological resource changes have occurred including the listing of the Atlantic sturgeon as a federal endangered species, the delisting of the bald eagle as an endangered species (now afforded special protection under the Bald and Golden Eagle Protection Act), changes to the Virginia Pollutant Discharge Elimination System (VPDES) General Permit (VAG87) affecting the application of herbicides, and the availability of imazapyr-based herbicides. The purpose of the SEA is to assess the effects of common reed control techniques in relation to these changes. The proposed action will continue the existing approach to controlling the common reed with aerial spraying of herbicides as the primary method with follow-up treatment with herbicides via ground techniques where aerial spray is infeasible. This action could involve one of several herbicides authorized for use in aquatic environments including imazapyr- and glyphosate-based herbicides (and possibly other herbicides registered by the U.S. Environmental Protection Agency for use in aquatic environments). Furthermore, this action could include augmentation with physical control methods such as prescription fires, excavation, retention of high water levels and re-planting with native vegetation when feasible/practical. However, under this action these non-chemical methods are not likely to be used alone, and the frequency would be limited based on unique installation conditions.

**Affected Localities** Newport News

### **Finding**

The proposal appears to be consistent with local and regional plans and policies. HRPDC staff concurs with the Finding of No Significant Impact.

**Comments Sent** 8/16/2012

**Final State Comments Received** 8/30/2012

**Received** 8/2/2012

**Number** 12-144F

**Name** Camp Peary Range 37 Shoreline Stabilization

**Sponsor** DOD/Department of the Navy

**Description**

The Department of the Navy (Navy) proposes to stabilize the shoreline as Range 37 at Camp Peary in York County. The project area consists of a vegetated upland bluff ranging in height from 5 feet to more than 30 feet. The shoreline consists of vegetated tidal wetlands experiencing erosion and undercutting, as well as non-vegetated wetland areas. The proposed action involves the construction of a hybrid living shoreline, including an offshore breakwater/sill system, beach nourishment and tidal wetland vegetation plantings. The breakwater/sill system will consist of four structures placed a maximum of 101 feet channelward of mean low water (MLW). No bank grading is proposed in conjunction with the proposed action due to the potential presence of unexploded ordnance (UXO) and small arms ammunition which may be present within the bank and bluff due to historic training activities. The Navy has submitted an Environmental Assessment (EA) and Federal Consistency Determination (FCD) for the proposal. The FCD finds the proposed action consistent, to the maximum extent practicable, with the enforceable policies of the Virginia Coastal Zone Management Program.

**Affected Localities** York County

**Finding**

Based on this review, the proposal appears to be consistent with local and regional plans and policies, as long as all necessary permits and permissions are acquired, including a wetlands permit from the York County Wetlands Board.

**Comments Sent** 8/27/2012

**Final State Comments Received**

**Received** 8/13/2012

**Number** 12-150F

**Name** Repair and Stabilize the York River Shoreline to Protect the Colonial Parkway, Colonial NH

**Sponsor** DOI/National Park Service

**Description**

The National Park Service (NPS) proposes to repair and stabilize the York River shoreline at Colonial National Historical Park to protect the Colonial Parkway in York County. The repair of the existing shoreline protection system and the installation of new structures within park property would commence near the confluence of Felgates Creek and the York River and continue downstream to the boundary with the U.S. Coast Guard Training Center in Yorktown. Actions needed to achieve these goals include the rehabilitation or installation of a combination of shoreline treatments, including rock revetments, rock spurs, continuous and gap sills, pocket beaches, and shore-attached breakwaters. Implementation of the NPS preferred alternative would result in long-term beneficial impacts to coastal resources and soils, wetlands, wildlife and wildlife habitat, vegetation, special status species, visitor use and experience, public safety, and infrastructure and park operations. The NPS has submitted an Environmental Assessment (EA) for the proposal that includes a Federal Consistency Determination (FCD). The FCD finds the proposed action consistent, to the maximum extent practicable, with the enforceable policies of the Virginia Coastal Zone Management Program.

**Affected Localities** York County

**Finding**

Based on this review, the proposal appears to be consistent with local and regional plans and policies, as long as all necessary permits and permissions are acquired, including a wetlands permit from the York County Wetlands Board.

**Comments Sent** 9/7/2012

**Final State Comments Received**

**Received** 8/15/2012

**Number** 12-151F

**Name** The Pointe at Pickett Farms Phase I

**Sponsor** U.S. Department of Housing and Urban Development

**Description**

The U.S. Department of Housing and Urban Development (HUD) proposes to provide mortgage insurance under HUD Section 221(d)(4) to AGM Financial Services, Inc. to finance the construction of The Pointe at Pickett Farms Phase I in the City of Norfolk. The Section 221(d)(4) program provides mortgage insurance for multifamily rental housing for moderate-income families. The Pointe at Pickett Farms Phase I (the first of three phases) will include the construction of a five-building, 120-unit multi-family apartment complex, clubhouse, parking lots, sidewalks, driveways, utilities and landscaping. The 7.7-acre property is located at 5394 Greenplain Road adjacent to Broad Creek and currently consists of wooded land with two ponds and a single-family residential home with two garage structures, one storage building, three sheds, two lean-tos and an asphalt driveway. All existing structures will be demolished for the apartment complex. HUD has submitted a Federal Consistency Determination that finds the proposed action consistent, to the maximum extent practicable, with the enforceable policies of the Virginia Coastal Zone Management Program.

**Affected Localities** Norfolk

**Finding**

**Comments Sent**

**Final State Comments Received**

## **AGENDA NOTE – HRPDC EXECUTIVE COMMITTEE MEETING**

### **ITEM #8D: URANIUM MINING**

#### **SUBJECT:**

The City of Virginia Beach has requested that the HRPDC consider adopting a resolution opposing the lifting of the state moratorium on uranium mining.

#### **BACKGROUND:**

In 1982, the General Assembly enacted legislation prohibiting the mining of uranium in Virginia. This action was taken following the discovery of a substantial deposit of uranium near Chatham in Pittsylvania County. The issue was not revisited until 2007, when the price of uranium increased significantly, thus renewing the business interest in mining. This has led to reconsideration of the moratorium on uranium mining.

A series of studies has been completed by the National Academies of Sciences at the request of the Virginia Coal and Energy Commission, by several private entities and by the City of Virginia Beach since 2007. These studies have addressed the gamut of issues associated with uranium mining, including technical, economics, environmental impacts, water supply impacts and the regulatory framework. The McDonnell Administration established the Uranium Mining Work Group, consisting of staff representatives from the Virginia Departments of Environmental Quality, Health, and Mines, Minerals and Energy to assess whether the moratorium should be lifted and, if so, under what conditions.

The HRPDC Legislative Agenda for 2012 included the following statement: “The HRPDC requests the General Assembly maintain the moratorium on uranium mining or the consideration of such, until at least the 2013 General Assembly session. Furthermore, the General Assembly is requested to direct the Department of Mines, Minerals, and Energy to not pursue development of regulations for uranium mining until after completion of and full consideration of the studies, which are presently underway.”

In 2008, the City of Virginia Beach adopted a resolution conditionally opposing uranium mining in Virginia and the lifting of the legislative moratorium. In June 2012, the City adopted a resolution reaffirming its opposition, based primarily on the unlikely but potentially severe adverse impacts on the region’s water supply if a catastrophic precipitation event were to cause a breach of a tailings disposal cell. Since that time, the Cities of Chesapeake, Norfolk and Suffolk have adopted similar resolutions.

Mr. Tom Leahy, Virginia Beach Director of Public Utilities, briefed the Commission on this matter at the July 19, 2012 Quarterly Commission Meeting.

The HRPDC staff has prepared the attached Resolution for consideration.

**RECOMMENDED ACTION:**

The HRPDC staff recommends the Commission adopt Resolution 2012-02 "Opposing the Mining of Uranium in Virginia."

Attachment



**HAMPTON ROADS PLANNING DISTRICT COMMISSION  
RESOLUTION 2012-02**

**RESOLUTION OF THE HAMPTON ROADS PLANNING DISTRICT COMMISSION  
OPPOSING THE MINING OF URANIUM IN VIRGINIA**

**WHEREAS**, the 2012 Legislative Agenda of the Hampton Roads Planning District Commission, adopted on December 15, 2011 included the following statement concerning uranium mining: The HRPDC requests the General Assembly maintain the moratorium on uranium mining or the consideration of such, until at least the 2013 General Assembly session. Furthermore, the General Assembly is requested to direct the Department of Mines, Minerals, and Energy to not pursue development of regulations for uranium mining until after completion of and full consideration of the studies, which are presently underway.”; and,

**WHEREAS**, the Hampton Roads Regional Water Supply Plan, completed in July 2011 and approved by twenty-seven cities, counties and towns in Hampton Roads, points out that the Lake Gaston Project operated by the City of Virginia Beach is an important component of the Hampton Roads region’s water supply; and,

**WHEREAS**, water demand projections indicate that the region’s existing water sources, including Lake Gaston as an essential component, are adequate to meet the region’s future water needs; and,

**WHEREAS**, during droughts, the Lake Gaston Project provides up to one-third of the water the Norfolk, Virginia Beach and Chesapeake water systems including major military activities, and the loss of the Lake Gaston Project for an extended period of time could result in water shortages far greater than those experienced during the 1980-1981 drought; and,

**WHEREAS**, in 1982, the General Assembly enacted legislation prohibiting the mining of uranium in Virginia, and the issue was not revisited until 2007 when the price of uranium increased significantly, thus renewing the business interest in mining; and,

**WHEREAS**, since 2007, a series of studies has been completed by the National Academies of Sciences (NAS) at the request of the Virginia Coal and Energy Commission, by various private entities and by the City of Virginia Beach; and,

**WHEREAS**, two economic assessments of the proposed Coles Hill project found that one large, or several small, accidents or releases would significantly reverse the economic benefit of the project even if no serious harm to people of the environment occurred; and,

**WHEREAS**, the study by the NAS indicates that: (1) disposal cells in which radioactive tailings are stored represent significant long-term risks for radiological and other contamination; (2)

limited data exist to confirm the long-term effectiveness of uranium tailings disposal cells; and (3) extreme natural events combined with human error have the potential to result in the release of contaminants if disposal cells are not designed, constructed or maintained properly, or if such cells fail to perform as envisioned; and,

**WHEREAS**, the NAS study concluded that the Commonwealth of Virginia has no experience with uranium mining, that the federal government has little or no experience applying existing laws and regulations to states with wet climates and extreme precipitation events and that there are gaps in legal and regulatory coverage for activities associated with uranium mining; and,

**WHEREAS**, it is acknowledged that if all of the tailings are secured in properly designed, constructed, and maintained below-grade disposal cells, the likelihood of a major release of tailings to surface water is significantly reduced; and,

**WHEREAS**, although existing regulations indicate that below-grade disposal of uranium tailings is preferable to above-grade disposal, exceptions have been made for environmental reasons, such as conflict with groundwater conditions, or for reasons of economic feasibility; and,

**WHEREAS**, the NAS study specifically dismissed the notion that below-grade disposal of tailings would automatically be required, noting that the first mine and mill permit to be issued in more than three decades allowed partially above-grade disposal cells, notwithstanding the fact that the safest and most environmentally sound solution was below-grade disposal; and,

**WHEREAS**, studies completed for the City of Virginia Beach evaluated the downstream water quality impacts of a hypothetical, catastrophic breach of a single, above-grade uranium mine tailings disposal cell located near Coles Hill; and,

**WHEREAS**, the City of Virginia Beach studies indicate that in the aftermath of an assumed catastrophe, radioactivity in the main body of Lake Gaston would remain above state and federal regulatory levels for up to two months during wet years and six to sixteen months during dry years; and,

**WHEREAS**, for a number of legal, regulatory, political, institutional and technical reasons, it is highly likely that a major release of tailings downstream from the Coles Hill site would force the City of Virginia Beach to discontinue pumping of the Lake Gaston Water Supply Project, at least until contaminant levels had dropped well below state and federal regulatory levels; and,

**WHEREAS**, a release of radioactive tailing such as that modeled in the Virginia Beach studies would have devastating adverse economic and other effects upon the City of Virginia Beach, the Hampton Roads region and the localities adjacent to and downstream of the Coles Hill site; and,

**WHEREAS**, operations vital to maintaining the nation's defense readiness at the military facilities located throughout Hampton Roads could be adversely impacted by water shortages that could result from a significant release of tailings, especially during a dry period; and,

**WHEREAS**, even a release of radioactive tailings of lesser proportions than the worst case scenario modeled in the Virginia Beach study would result in serious economic impacts to those areas even after radioactivity levels declined to levels within legal limits because of the

inevitability of negative public perceptions and the resultant damage to the region's images and reputations as attractive business and vacation destinations; and,

**WHEREAS**, it is absolutely clear, based upon the NAS and other studies, that it cannot be demonstrated to a reasonable degree of certainty that there would be no significant release of radioactive sediments downstream of the Coles Hill site; and,

**WHEREAS**, in 2012, the Governor convened the Uranium Mining Work Group to determine an appropriate regulatory framework governing uranium mining and to provide a report in advance of the 2013 Session of the General Assembly; and,

**WHEREAS**, while the probability of a major tailings release is small, the adverse consequences of such a release would be enormous and unacceptable.

**NOW, THEREFORE, BE IT RESOLVED**, that the Hampton Roads Planning District Commission reaffirms its opposition to uranium mining and to the lifting of the moratorium on uranium mining which has been in effect since 1982.

**APPROVED AND ADOPTED** by the Hampton Roads Planning District Commission this 20th day of September 2012.

---

Thomas G. Shepperd, Jr.  
Chairman

---

Dwight L. Farmer  
Executive Director/Secretary

**AGENDA NOTE – HRPDC EXECUTIVE COMMITTEE MEETING**

**ITEM #8E: APPROVAL OF THE GREAT AMERICAN CLEANUP FINAL REPORT**

**SUBJECT:**

The HRPDC staff has completed the Great American Cleanup final report. The askHRgreen.org: Recycling and Beautification Subcommittee has reviewed and recommended the report be approved by the Commission.

**BACKGROUND:**

Through the partnership of askHRgreen.org and Keep Virginia Beautiful, Hampton Roads was selected as one of 10 national locations for Keep America Beautiful's 2012 Great American Cleanup™ National Action Days. On April 27 and 28, 2012, over 1,780 volunteers pitched in and helped cleanup, green up and spruce up public spaces across Hampton Roads. The result of the two day effort was transformational. Volunteers collected over 124,000 pounds of litter and debris, planted 86 trees and 818 plants, and painted 248 structures.

**RECOMMENDED ACTION:**

The HRPDC staff and askHRgreen.org: Recycling and Beautification Subcommittee recommend the Commission approve the report for distribution.

Enclosure

**NOTE: This item was covered under Workshop Agenda Item #4.**

## **AGENDA NOTE – HRPDC EXECUTIVE COMMITTEE MEETING**

### **ITEM #8F: REDEVELOPMENT AS A NUTRIENT REDUCTION STRATEGY REPORT**

#### **SUBJECT:**

HRPDC Water Resources department with consultant, CH2M Hill, completed a report describing how redevelopment projects can be a nutrient reduction strategy to meet the Chesapeake Bay Total Maximum Daily Load (TMDL) requirements. The report was funded by a Virginia Coastal Zone Management Program.

#### **BACKGROUND:**

The final report, entitled *Redevelopment as a Nutrient Reduction Strategy*, provides information about current redevelopment in Hampton Roads and its relationship to stormwater management. The objectives of the grant are to estimate the nutrient removal for redevelopment based on the revised Virginia Stormwater Regulations, evaluate the cost effectiveness of nutrient removal achieved through redevelopment activities, and summarize the advantages and disadvantages of including redevelopment as a strategy to meet the Chesapeake Bay TMDL.

Nutrient removal from redevelopment activities can be counted towards the Chesapeake Bay TMDL, while the nutrient removal from new development activities will typically not provide a reduction in the existing nutrient load. The study found that redevelopment is not consistently defined or tracked by local governments. In order for localities to have adequate data to count redevelopment as a TMDL strategy, the following steps are recommended:

1. Develop a definition of redevelopment for stormwater management site plan review that is consistent with Virginia's Stormwater Management Regulations.
2. Use redevelopment planning as a catalyst to provide water quality treatment in existing developed areas that don't currently have water quality controls.
3. Develop a process for tracking nutrient removal due to redevelopment.

The Joint Environmental Committee has reviewed the report and recommends that the Commission approve the report for distribution.

#### **RECOMMENDED ACTION:**

The HRPDC staff and Joint Environmental Committee recommend approval of the Redevelopment report for distribution.

Enclosure

**AGENDA NOTE - HRPDC EXECUTIVE COMMITTEE MEETING**

**ITEM #8G: FY 2011 – 2012 ANNUAL REPORT TO DEPARTMENT OF HOUSING AND COMMUNITY DEVELOPMENT**

**SUBJECT:**

The HRPDC staff has completed the FY 2011-2012 annual report, required by the Regional Cooperation Act.

**BACKGROUND:**

The Regional Cooperation Act requires that Planning District Commissions report annually to the Department of Housing and Community Development (DHCD) and to the Commission on their activities. This report is a requirement of the annual contract between DHCD and the HRPDC and follows a format prescribed by DHCD. This report is keyed to the provisions of the Regional Cooperation Act detailing the responsibilities of Planning District Commissions. A number of supporting materials – Budget, Work Program, Publications List and List of Commissioners – are also submitted to DHCD as part of the annual report.

Enclosed is the FY 2011 – 2012 Annual Report to the Department of Housing and Community Development. In accordance with the Regional Cooperation Act and the requirements of the DHCD, the report was submitted to DHCD on August 28, 2012. The HRPDC staff requests that the HRPDC approve the report for submission to the DHCD in compliance with the Regional Cooperation Act and the Annual Contract between the DHCD and the Hampton Roads Planning District Commission.

**RECOMMENDED ACTION:**

Approve the Annual Report as meeting the requirements of the Regional Cooperation Act and the Annual DHCD Contract.

Enclosure

**NOTE: This item was covered under Workshop Agenda Item #5.**

**AGENDA NOTE - HRPDC EXECUTIVE COMMITTEE MEETING**

**ITEM #8H: URBAN AREA SECURITY INITIATIVE CONTRACT AMENDMENT FOR WEBEOC SUSTAINMENT**

**SUBJECT:**

Amend an existing contract with ESI Acquisitions Inc. for sustainment of WebEOC instances in Hampton Roads using UASI grant funds.

**BACKGROUND:**

Beginning in fiscal year 2007, the UASI program has supported regional and local instances of WebEOC. WebEOC is a crisis-management software program utilized by Emergency Managers for situational awareness during an incident, and also for day-to-day activities.

Federal grant regulations prohibit contracts from extending past the 36-month federal performance period. As such, the HRPDC must amend its contract with ESI Acquisitions Inc. on a yearly basis in order to extend licenses and services through the end of the most recent federal fiscal year, currently FY 2011.

Contract Amount: \$347,451.54

Period of Performance: Through September 30, 2014

General Scope of Work: Extend licenses for WebEOC Mapper, and Program Management

**RECOMMENDED ACTION:**

Authorize the Executive Director to execute a contract amendment with ESI Acquisitions Inc. for sustainment of WebEOC instances in Hampton Roads.

**AGENDA NOTE - HRPDC EXECUTIVE COMMITTEE MEETING**

**ITEM #81: URBAN AREA SECURITY INITIATIVE CONTRACT AMENDMENT FOR COMPLETION OF A UASI SUSTAINMENT PLAN**

**SUBJECT:**

Amend an existing contract with the Virginia Modeling, Analysis and Simulation Center (VMASC) for necessary work required to complete a UASI Sustainment Plan.

**BACKGROUND:**

The UASI Program provides financial assistance to address the unique multi-disciplinary planning, operations, equipment, training, and exercise needs of high-threat, high-density urban areas, and to assist in building and sustaining capabilities to prevent, protect against, respond to, and recover from threats or acts of terrorism.

Since the program's inception in fiscal year 2007, the UASI program has provided the region with over \$33 million in preparedness funding. However, in FY 2012, Hampton Roads was removed from the list of eligible metropolitan statistical areas eligible to receive UASI funding resulting from federal budget cuts.

The current proposal received from VMASC is \$50,000 that will be paid for using FY 2011 UASI Program Management Funds. However, HRPDC is still negotiating the price.

Contract Amount: up to \$50,000

Period of Performance: October 1, 2012 – March 31, 2013

General Scope of Work: Develop sustainment plan for UASI Program to assist in prioritizing UASI funded capabilities and identify alternative funding for sustainment.

**RECOMMENDED ACTION:**

Authorize the Executive Director to execute a contract amendment with Virginia Modeling, Analysis and Simulation Center (VMASC) for necessary work required to complete a UASI Sustainment Plan.

**AGENDA NOTE- HRPDC EXECUTIVE COMMITTEE MEETING**

**ITEM #8J: STATE HOMELAND SECURITY GRANT PROGRAM (SHSGP) GRANT ACCEPTANCE AND CONTRACT AMENDMENT FOR FIRST RESPONDER AUTHENTICATION CREDENTIALING (FRAC)**

**SUBJECT:**

Acceptance of a SHSGP grant on behalf of the Office of Homeland Security and Veterans Affairs in order to amend a contract with Verizon to sustain FRAC licenses.

**BACKGROUND:**

Utilizing FY 2008 and 2009 SHSGP funds, the HRPDC acted as the fiduciary agent on behalf of the Virginia Office of Homeland Security and Veterans Affairs (OHSVA) to implement a FRAC program in the Hampton Roads region. The necessary licenses for this initiative are set to expire. As such OHSVA has asked the HRPDC to accept additional grant funds and amend a previous contract with Verizon to sustain the FRAC program.

Contract Amount: \$290,553.69

Period of Performance: October 1, 2012 – September 30, 2015

General Scope of Work: Provide extended maintenance and support for hardware and software to sustain FRAC Program.

**RECOMMENDED ACTION:**

Authorize the Executive Director to execute accept an additional SHSGP grants and amend the previous existing contract with Verizon to sustain the FRAC initiative.

Governing Body Resolution

BE IT RESOLVED BY THE Commissioners  
(Governing Body)

OF THE Hampton Roads Planning District Commission THAT  
(Name of Applicant)

Dwight L. Farmer, Executive Director/Secretary OR  
(Name or Title of Authorized Agent)

Nancy K. Collins, Chief Financial Officer, OR  
(Name or Title of Authorized Agent)

Curtis Brown, Emergency Management Administrator,  
(Name or Title of Authorized Agent)

is hereby authorized to execute for and on behalf of the named applicant, a public entity established under the laws of the State of Virginia, any actions necessary for the purpose of obtaining federal financial assistance provided by the federal Department of Homeland Security and sub-granted through the State of Virginia.

Passed and approved on the 20th day of September 2012

**Certification**

I, Thomas Shepperd, duly appointed and  
(Name)

Chairman of the Hampton Roads Planning District Commission  
(Title) (Governing Body)

do hereby certify that the above is a true and correct copy of a resolution passed and approved by

The Commissioners of the Hampton Roads Planning District Commission on the  
(Governing body) (Name of Applicant)

20th day of September, 2012.

Chairman  
(Official Position)

\_\_\_\_\_  
(Signature)

20-Sep-12  
(Date)

**AGENDA NOTE – HRPDC EXECUTIVE COMMITTEE MEETING**

**ITEM #8L: CONTRACT – TOWN OF WINDSOR COMPREHENSIVE PLAN**

**SUBJECT:**

The Town of Windsor has requested HRPDC assistance in preparing an update to its comprehensive plan.

**BACKGROUND:**

The Town of Windsor has requested planning assistance from the HRPDC. This work entails updating the Town's Comprehensive Plan. Work to be undertaken involves updating work performed by the HRPDC staff in the most recent Windsor Comprehensive Plan in 2008. Funding in the amount of \$15,000 for this project will come from the Town of Windsor.

**RECOMMENDED ACTION:**

The HRPDC staff recommends that the Executive Director be authorized to execute a Contract with the Town of Windsor for the Windsor Comprehensive Plan.

## **AGENDA NOTE – HRPDC EXECUTIVE COMMITTEE MEETING**

### **ITEM #8M: MEMORANDUM OF UNDERSTANDING WITH THE OFFICE OF HOMELAND SECURITY AND VETERANS AFFAIRS (OHSVA) TO COMPLETE A THREAT AND HAZARD IDENTIFICATION AND RISK ASSESSMENT (THIRA) FOR THE HAMPTON ROADS UASI**

#### **SUBJECT:**

Execution of a Memorandum of Understanding with OHSVA to complete a Regional Threat and Hazard Identification and Risk Assessment (THIRA) for the Hampton Roads UASI region.

#### **BACKGROUND:**

In order to receive subsequent UASI funding from the Department of Homeland Security (DHS), all eligible urban areas are required to submit a THIRA to the Federal Emergency Management Agency (FEMA) by December 31, 2012. While Hampton Roads was recently removed from the UASI eligible list in FY 2012, preparedness stakeholders within the region agreed that completion of a THIRA is in the best interest of Hampton Roads. Current proposed legislation in Congress has increased allocations for DHS preparedness grants. Furthermore, HRPDC staff is currently working with DHS and FEMA officials to ensure more accurate data is being obtained from Hampton Roads when risk is being assessed.

Currently, OHSVA has contracted with a vendor to complete a Virginia Preparedness Plan. Due to the history of regional cooperation in Hampton Roads, OHSVA decided to begin the planning process in region 5, which includes Hampton Roads. As there is overlap in the data that feeds the Virginia Preparedness Plan and Regional THIRA, the HRPDC staff would like for the state to withhold \$30,000 of FY 2011 UASI program management funding budgeted for this effort. The state will then use these funds to amend the contract with the vendor currently working on the Virginia Preparedness Plan to include additional work for a Regional THIRA for Hampton Roads.

Contract Amount: \$30,000

Period of Performance: October 1, 2012 – December 31, 2012

General Scope of Work: Complete Threat and Hazard Identification and Risk Assessment for the Hampton Roads UASI.

#### **RECOMMENDED ACTION:**

Authorize the Executive Director to execute a MOU with the OHSVA to complete a Regional THIRA for the Hampton Roads UASI region.

**AGENDA NOTE - HRPDC EXECUTIVE COMMITTEE MEETING**

**ITEM #9: APPOINT HRPDC 2012-2013 NOMINATING COMMITTEE**

**SUBJECT:**

Chairman to appoint Nominating Committee

**BACKGROUND:**

At its meeting in October, the Commission elects its officers for the upcoming year. The HRPDC Charter and Bylaws limit the terms of Chairman and Vice Chairman to two (2) consecutive one-year terms. The Chair and Vice Chair are currently completing the unexpired terms of former Chair Stan Clark and former Vice Chair Thomas G. Shepperd. Both are eligible for re-election. The Treasurer and Secretary are elected for a term of one year, but may serve consecutive terms. Therefore, the HRPDC needs to elect/re-elect a Chairman, Vice Chairman, Treasurer and Secretary.

The Chairman will appoint a Nominating Committee to bring a slate of names for Chairman, Vice Chairman, Treasurer and Secretary as well as each government's representative for the Executive Committee to the HRPDC Annual Meeting on October 18, 2012. The Chairman requests the following Commissioners serve on the HRPDC Nominating Committee:

Chesapeake:	Ella P. Ward
Franklin:	Barry Cheatham
Gloucester:	Ashley Chriscoe
Hampton:	Molly Ward
Isle of Wight:	Dee Dee Darden
James City:	Mary Jones
Newport News:	Sharon Scott
Norfolk:	Thomas Smigiel
Poquoson:	W. Eugene Hunt
Portsmouth:	Kenneth I. Wright
Southampton:	Ronald W. West
Suffolk:	Linda T. Johnson
Surry:	John M. Seward
Virginia Beach:	Louis R. Jones
Williamsburg:	Clyde Haulman
York:	Thomas G. Shepperd, Jr.

The Chair and Vice Chair must come from separate Subdivisions and be elected officials. The offices of Secretary and Treasurer must be voted on an annual basis but need not be elected officials and may succeed themselves.

The current officers and their terms are:

Chairman – Thomas G. Shepperd, Jr. – 2011 – 2012  
Vice Chairman – Kenneth I. Wright – 2011-2012  
Treasurer – James O. McReynolds – 2011 - 2012 (Since 2002)  
Secretary – Dwight L. Farmer – 2011 – 2012 (Since 2008)

As provided in the Bylaws, the Executive Committee is a standing committee of the Commission. It consists of sixteen members, each from a different participating jurisdiction. At the October Annual Meeting, the HRPDC will confirm the Executive Committee appointments of the member localities.

**RECOMMENDED ACTION:**

Chairman to appoint Nominating Committee and designate a Chairman.

## **AGENDA NOTE – HRPDC EXECUTIVE COMMITTEE MEETING**

### **ITEM #10: HRPDC ITEMS: THREE-MONTH TENTATIVE SCHEDULE**

The HRPDC staff has developed a tentative schedule of issues that will come before the Commission for action over the next three months. These issues are the primary action items the Commission will be considering. Other items may be added depending on new priority requests from the Commission, state and federal legislative and regulatory activities and new funding opportunities.

#### **October 2012**

Election of Officers  
FY 2012 Audit Report  
Regional Energy Development Strategies - Report  
Regional Stormwater Cooperation Summary – Report  
Legislative Agenda

#### **November 2012**

Reality Check Report  
Legislative Agenda Approval  
FY 2013 Budget Amendment  
Environmental Education – Report  
Regional Bacteria Study - Report

#### **December 2012**

Tentatively Canceled

#### **January 2013**

Land Use and Water Quality Study  
Coastal Resiliency Study  
Annual Economic Forecast  
Regional Benchmarking Study

**AGENDA NOTE – HRPDC EXECUTIVE COMMITTEE MEETING**

**ITEM #11: PROJECT STATUS REPORTS AND ADVISORY COMMITTEE SUMMARIES**

**A. DIRECTORS OF UTILITIES COMMITTEE SUMMARY MINUTES**

The summary minutes of the July 11, 2012, August 1, 2012 & September 5, 2012 Directors of Utilities Committee Meetings are attached.

Attachment 11A-1

Attachment 11A-2

Attachment 11A-3

**B. HAMPTON ROADS CHESAPEAKE BAY COMMITTEE AND REGIONAL STORMWATER MANAGEMENT COMMITTEE MEETING SUMMARY**

The summary of the July 12, 2012 & September 6, 2012 Hampton Roads Chesapeake Bay Committee and Regional Stormwater Management Committee Meeting will be included in the September Executive Committee Meeting Agenda.

Attachment 11B-1

Attachment 11B-2

**C. PROJECT STATUS REPORT**

Attached are status reports on other HRPDC programs.

Attachment 11C

## MEETING OF THE DIRECTORS OF UTILITIES COMMITTEE

The Directors of Utilities Committee met on July 11, 2012. The following items were addressed during the meeting:

- The Committee discussed HRPDC priority projects for the FY13 Water Program; these are major projects that are not reoccurring program elements and are in addition to annual projects and tasks for program administration. Recent priority projects include the Regional Water Supply Plan (2011) and the forthcoming UASI infrastructure resiliency study (2012). The Committee reviewed staff project recommendations and agreed to pursue the following:
  - Revision/update of the Hampton Roads Water Quality Response Plan
  - The State of Hampton Roads Drinking Water Infrastructure

The Committee agreed that no changes will be made to the FY2013 Water Program budget, approved in February 2012.

- The deadline for proposals for the Sanitary Sewer System Asset Consolidation Study was June 18, 2012; seven proposals were received and the Steering Committee developed a short list for consideration. Interviews were held on July 10, 2012, and the selection committee unanimously agreed on the proposal rankings. EPA sent an email on July 10, 2012 indicating their agreement in principle to the proposed study and process and that a formal response with additional conditions is forthcoming. Contract negotiations with the first choice vendor have commenced. It was noted that locality participation in project-related meetings and workshops will be critical for the data gathering phase.
- Committee members discussed staffing issues related to aging workforce, early retirement, deferral of retirement, the Family Medical Leave Act, and workers compensation and disability. The group also discussed the implementation of required changes for VRS contributions.
- Regarding the Special Order of Consent for sanitary sewer overflows, the Committee discussed the results of the preliminary Capacity Assessment for the Regional Hydraulic Model. The group shared comments that were made at the July 9 and 10 meetings held with HRSD and localities to review South Shore and North Shore service area results.

## MEETING OF THE DIRECTORS OF UTILITIES COMMITTEE

The Directors of Utilities Committee met on August 1, 2012. The following items were addressed during the meeting:

- The Committee considered two follow-up items from the June 14, 2012 and July 11, 2012 Committee work program discussions. HRPDC staff presented subcommittee recommendations for FY2013 HRWET program messaging and educational campaigns. The Committee endorsed campaign elements and requested further information on specific items; staff will report back to the committee and proceed with campaign development tasks as appropriate. HRPDC staff presented the draft proposal for the project "The State of Hampton Roads Water Infrastructure." The Committee provided comments on the draft scope of work, deliverables, and schedule; staff will provide a revised project description and coordinate next steps as directed.
- The Committee discussed the need to renew the Memorandum of Agreement (MOA) providing the administrative framework for the Regional Water Supply Planning process, which expired on December 31, 2011. The Committee agreed that the MOA clearly establishes and documents the regional commitment to the planning process, and that any required plan updates should be carried out through the HRPDC work program. Therefore, the MOA does not need to be renewed.
- For the FY2013 HRPDC Legislative Agenda, the Committee agreed that the positions expressed in the FY2012 HRPDC Legislative agenda on the following items are still appropriate: uranium mining; septic tanks; state fees on local government services; water quality funding; and recycling requirements.
- Regarding the Sanitary Sewer System Asset Consolidation Study, EPA provided a July 31, 2012 response letter to HRSD's regionalization proposal. The Committee reviewed the key points and items for HRSD follow-up. The Committee agreed that EPA's response was positive and that the regionalization study should proceed. HRPDC will issue the notice of intent to award the contract and distribute the negotiated scope of work and fee proposal to the project steering committee. HRPDC staff will begin coordination in anticipation of the initial project workshop in late August/early September.
- HRPDC staff provided updates on the UASI water assessment project, the FY2013 rate and water use data call, and an upcoming locality-HRPDC wastewater staff meeting.
- Committee members held a roundtable discussion on the following: wastewater operator work schedules and administrative practices regarding the calculation of eligible time worked for overtime pay; HRSD overflow points; and presentations for an upcoming conference at the Virginia Institute of Marine Science.

## MEETING OF THE DIRECTORS OF UTILITIES COMMITTEE

The Directors of Utilities Committee met on September 5, 2012. The following items were addressed during the meeting:

- The Committee was briefed on the After Action Report (AAR) from the May 23-24, 2012 regional water and wastewater utility tabletop training exercise. The exercise was conducted as part of the Urban Areas Security Initiative (UASI) Water Supply Assessment and Emergency Response Training project. Recommendations from the AAR will be integrated into the forthcoming initiatives in the draft regional improvement plan.
- As a follow-up to the May 23-24, 2012 UASI water and wastewater utilities tabletop training exercise, the Committee was briefed by the Virginia State Police, Virginia Fusion Center on two of programs: Fusion Liaison Officer (FLO) training, and Suspicious Activity Reporting (SAR). The briefing provided perspective for utilities on the training offered to law enforcement and first responders, including examples of suspicious activities and inquiries and staff training to recognize and report incidents. This free training is also offered to utilities. VFC serves as a communication node to exchange information across jurisdictions and specialties. The VFC also offered utilities membership in the Homeland Security Information Network, which provides access to a common operation procedure and can be used to share information between utilities and across jurisdictions
- The Committee discussed the kick-off of the Regional Consolidation of Sewer System Assets Study. The first workshop, to be facilitated by the project team of HDR, Inc., McGuire Woods, and Davenport, is scheduled for September 7, 2012. This first workshop will focus on the methodology for asset valuation. The Committee reviewed recent Capacity Team activities to document unresolved issues and the delineation of issues that need to be resolved during the regional consolidation study. The Committee also discussed the status of the Consent Decree modification.
- At the request of the Advisory Group for the 24<sup>th</sup> Annual Environment Virginia Symposium, to be held in Lexington on April 9 -11, 2013, the Committee discussed suggestions for topics of interest to localities.
- HRPDC staff provided a summary of the August 17, 2012 user group meeting for the regional Sanitary Sewer Overflow Reporting System (SSORS). The resultant recommendations and cost estimates for system enhancements will be considered by the Committee in October 2012.

**ATTACHMENT 1A**  
**THE DRAFT SUMMARY OF THE MEETING OF THE**  
**HAMPTON ROADS CHESAPEAKE BAY COMMITTEE, THE**  
**REGIONAL STORMWATER MANAGEMENT COMMITTEE AND THE**  
**CHESAPEAKE BAY IMPLEMENTATION SUBCOMMITTEE**  
**July 12, 2012**

**1. Special Presentation**

Mr. John Carlock, HRPDC, presented a Resolution of Appreciation to Ms. Kathy James-Webb, Newport News, for her work with the City of Newport News and the region. The Resolution is attached.

**2. Summary of the June 7, 2012 Meeting of the Hampton Roads Chesapeake Bay and Regional Stormwater Management Committees and Chesapeake Bay Implementation Subcommittee**

The Summary of the June 7, 2012 Meeting of the Hampton Roads Chesapeake Bay and Regional Stormwater Management Committees and Chesapeake Bay Implementation Subcommittee was approved as distributed.

**3. Sea Level Rise**

Mr. Benjamin McFarlane, HRPDC, gave a presentation to the Committee on the FY10-11 HRPDC Sea Level Rise Report. The report is the final deliverable for the HRPDC's three-year Coastal Zone Management Program climate change focal area grant. The report documents the methodologies and results of a study of the region's exposure to sea level rise, as well as various public outreach and partnership efforts undertaken on related projects during the grant period. The goals of the study were to develop a GIS tool to model the region's exposure to sea level rise and demonstrate its use. The report also describes a tool developed by the U.S. Army Corps of Engineers (USACE) to incorporate future projections of sea level rise into the planning and design of infrastructure projects. The analysis results are summarized as maps and tables for each locality and the region as a whole. Comments were solicited from localities and other stakeholders; those comments were incorporated into the report to the best extent practicable.

Ms. Ellen Roberts, Poquoson, made several comments. She suggested that it would be preferable to use better local data if it is available. She recommended that HRPDC staff work with other groups on related projects and not duplicate effort. She also stated that sea level rise was being included in the City's early comprehensive plan drafts, and she expected that the final plan would as well. However, based on concerns with the analysis and findings, she would not be voting to recommend the report's approval by the Commission.

Based on the lack of a consensus by the Committee on whether or not to recommend the report's approval by the Commission, HRPDC staff suggested a vote by the Committee in which each local government present would be allowed to vote or to abstain. Twelve (12) of sixteen (16) localities were represented at the meeting.

The motion, to recommend the report's approval for publication and distribution by the Commission, was made by Mr. LJ Hansen, Suffolk, and seconded by Mr. Bill Johnston, Virginia Beach. By a vote of ten (10) in favor and one (1) opposed, with one (1) abstention, the motion carried.

#### **4. LIDAR Update**

Mr. McFarlane gave an update to the Committee on the status of a LIDAR acquisition possibility. The U.S. Geological Survey and the National Geospatial Intelligence Agency are in the process of acquiring LIDAR data for two areas of interest in Hampton Roads covering all or part of eight localities. HRPDC staff is working with VGIN to identify funding and develop specifications so that the entire eight-locality region can be covered by the acquisition. This would provide a complete high resolution elevation dataset for all of Hampton Roads with all data acquired in the last three years. HRPDC staff will present the proposal to the Commission at its July meeting.

#### **5. Coastal Zone Grant Project: Land and Water Quality Protection in Hampton Roads**

HRPDC staff updated the Committee on the HRPDC's Section 309 Coastal Zone Project, Land and Water Quality Protection in Hampton Roads. Ms. Jenny Tribo, HRPDC, described the project's background and gave an overview of the project's expected deliverables. The first deliverable will be an assessment of what the new stormwater regulations and the Chesapeake Bay TMDL will require for localities. This assessment will inform the second deliverable, which will be a study of how local ordinances can be updated to help localities achieve the goals of the stormwater regulations and Chesapeake Bay TMDL.

Mr. McFarlane gave a brief update on the local ordinances study. This study has three parts: development of a list of ordinances to review; identifying and discussing possible changes with the pilot localities (Norfolk and Suffolk); and creating a checklist or tool to assist other localities with similar reviews. Three categories of development regulations and programs are under consideration for review. For new development, the study will look at how to incorporate BMPs more effectively into new subdivisions. For redevelopment, the study will look at policies to promote redevelopment, which will include new BMPs. For existing development, the study will look at programs to encourage BMPs on private property and the development of BMPs on public property. Regulations, ordinances, and programs to review include, but are not limited to, stormwater ordinances, CBPA ordinances, design and development standards, zoning ordinances, subdivision ordinances, nuisance ordinances, and others. The Committee suggested looking also at agriculture regulations, accessory structures, and alternative energy.

## **6. Stormwater Regulations and Local Programs Update**

HRPDC staff announced that there would be a meeting in the afternoon following the Joint Environmental Committee meeting to discuss updates concerning the stormwater regulations.

## **7. Status Reports**

Virginia Beach staff reported that they are struggling with enhanced BMPs. Virginia Beach is also harvesting phragmites.

Norfolk staff reported that the City will be hiring a project manager/ civil engineer III for flooding and sea level rise. The City is also expanding its environmental program for regulations.

Hampton staff requested information from other localities concerning EPA's audits and plan reviews.

VDOT staff reported that they are retrofitting BMPs. Also, the University of Minnesota has developed a filter that uses steel wool to fixate phosphorus that is dissolved in water. The filter may be worth looking into further for local applications. VDOT is also completing a flood assessment of the Blackwater, Nottoway, and Meherrin River watersheds. This assessment incorporates a working model of large scale flooding events up to four days after the event. The purpose of this assessment is to help VDOT deploy its emergency assets better.

HRPDC staff reported that the Virginia Institute of Marine Science is putting together a stakeholder advisory group composed of local government staff and officials for its Recurrent Flooding study. Three local government staff representatives from Hampton Roads have been selected:

- 1) Ellen Roberts, Poquoson
- 2) Robb Braidwood, Chesapeake
- 3) Fred Brusso, Portsmouth

## **8. Other Matters**

The next meeting of the Joint Environmental Committee is scheduled for August 2, 2012 at the HRPDC office in Chesapeake, Virginia. Materials will be sent in advance for review.

**MEETING SUMMARY**  
**CHESAPEAKE BAY AND REGIONAL STORMWATER MANAGEMENT COMMITTEES**

The Chesapeake Bay and Regional Stormwater Management Committees met on September 6, 2012. The following items were discussed.

- Ms. Tiffany Smith, HRPDC, updated the Committee on several issues related to Virginia Stormwater Management Regulations.
- Ms. Shelly Frie, CH2M HILL, gave a presentation to the Committee on the findings of a HRPDC study of redevelopment in Hampton Roads and how it can be used to help localities meet load reduction requirements for the Chesapeake Bay TMDL. The study was funded by a grant from the Virginia Coastal Zone Management Program. The Committee recommended that the Commission approve the final project report for publication and distribution.
- Ms. Lisa Hardy, HRPDC, briefed the Committee on the final report for the Hampton Roads kickoff event for the Great American Clean Up. Ms. Hardy also briefed the Committee on upcoming environmental education initiatives and programs from [askHRgreen.org](http://askHRgreen.org).
- Mr. John Carlock, HRPDC, briefed the Committee and led a discussion on the HRPDC's legislative agenda and areas of concern for Hampton Roads localities for the 2013 Session of the General Assembly.
- Mr. John Carlock, HRPDC, briefed the Committee on next April's Environment Virginia Conference, to be held in Lexington, and solicited input from the Committee that will be communicated to the event's organizers.

## **PROJECT STATUS REPORTS**

### **1. Regional Housing Program**

#### **Hampton Roads Loan Fund Partnership**

The Housing and Human Services staff was recently notified of the FY13 award of HOME funds from the Department of Housing and Community Development (DHCD). The Hampton Roads Planning District Commission was awarded \$76,875 to provide down payment and closing cost assistance to qualified individuals in Planning District #23. A training teleconference will be held to educate regional partners on the new guidelines for funding and discuss the current mortgage criteria changes.

The staff recently completed a program monitoring review of the HOME program with DHCD in August. The HRPDC was notified on August 29, 2012 that all files reviewed were in compliance with all HOME program guidelines of DHCD.

#### **Regional Housing Portal**

HRPDC staff members are continuing to work on the implementation of the Regional Housing Portal. Initial design of the online component is being developed. This information will be used to create a regional web-based portal for consumers and housing providers to access appropriate services.

#### **Housing and Human Service Technical Support**

Staff members are also continuing to assist the Hampton Roads Housing Consortium and are currently working on the planning efforts for the Sixth Annual Housing Awards to be held in October. HRHC recently completed two input sessions for the development of the Virginia Housing Trust Fund. Comments and input were submitted to the State on August 31, 2012.

### **2. Regional Economics Program**

#### **Technical Assistance**

Economics staff routinely provides technical assistance and support to member jurisdictions and regional organizations. The HRPDC Data Book and the Commission's Benchmarking Study provide easy access to a great deal of regional information. Staff also provides special reports on topics of timely significance. Over the past two months, staff has delivered presentations to various community organizations and has responded to information requests from individuals, member localities, regional organizations, and the media.

#### **HRPDC Socio - Economic Forecast**

Every four years the Federal Highway Administration requires that the Hampton Roads Transportation Planning Organization (HRTPO) complete a long-range

transportation plan. One of the first steps in putting the plan together is to conduct a regional socio-economic forecast.

HRPDC economics staff is in the process of developing the 2040 forecast for the region that will include information on the region's population, households, employment, workers and passenger vehicles. Staff has met with the planning staffs from all of the localities to discuss comprehensive planning activities and growth management assumptions. This work product will be conducted in concert with the HRTPO and member jurisdictions and will comply with the regulations of the FHWA. Staff will also work to include the needs of other local and regional organizations that rely on the socio-economic forecast for their planning efforts.

### **3. Emergency Management Project Update**

#### **Hazard Mitigation**

Updates to the Southside Hampton Roads Hazard Mitigation Plan, City of Franklin Hazard Mitigation Plan, and Southampton County Hazard Mitigation Plan are complete. The Federal Emergency Management Agency has approved the plans and the grant has been closed-out. The plans satisfy Federal grant requirements for the next five years. In addition, HRPDC staff applied for funds on behalf of the City of Poquoson to update its hazard mitigation plan.

#### **Ready Hampton Roads**

The HRPDC Emergency Management staff continues to support the Ready Hampton Roads program. Television ads, purchased with Citizen Corps grant funds, will continue to advertise the site through September, primarily aimed at recruiting emergency volunteers. In addition, staff is actively promoting the website this September as part of National Preparedness Month.

#### **Pet Shelter Supply Trailers**

The HRPDC Emergency Management staff is in the process of purchasing the final three pet shelter supply trailers. The trailers are being purchased with FY09 UASI funds and will be delivered by the end of November.

#### **Regional Emergency Management Technical Advisory Committee (REMTAC)**

The Emergency Management staff continues to manage and support the Regional Emergency Management Technical Advisory Committee and its associated tasks and committees. The REMTAC last met on August 28, 2012. Recent activities included:

- Continued support of regional debris management planning efforts, including development of regional debris monitoring contracts that utilize Automated Debris Management Systems.
- A briefing by VDEM on recently declared Hazard Mitigation funding requirements and opportunities.

- Discussion of the 2012 CAO Tabletop Exercise, the after action report, and next steps.
- Discussion of possible legislative items important to the emergency management community in Hampton Roads.

### **Hampton Roads Medical Special Needs**

- The Special Needs Subcommittee met regarding the following actions in July. Andrea Clontz (Isle of Wight, Chair) asked Scott Mahone (Norfolk, Vice Chair) to lead a temporary workgroup to review, revise and update the Special Needs Subcommittee Charter and to bring the recommendations before the Special Needs Committee and then to REMTAC in the fall.
- The Regional Special Needs Planner has begun implementing the Registry outreach plan beginning with Departments of Social Services and Community Service Boards.
- Following an initial meeting between HRPDC emergency management staff and HRT, the Special Needs Subcommittee is facilitating a meeting between local emergency managers and HRT to discuss closer coordination and collaborations.
- The Regional Special Needs Planner presented draft marketing materials that integrate with ReadyHamptonRoads.org. The Special Needs section on ReadyHamptonRoads.org is live and able to accept online applications. New pop-up language is being added to the website encouraging visitors to sign-up without delay for the Registry.
- The Special Needs Committee is requesting the WebEOC Subcommittee oversee an ad hoc working group responsible for developing Special Needs Registry standardized reports as that subcommittee has a better perspective on all the work that is being carried out regarding WebEOC.

### **Hampton Roads Tactical Regional Area Network (HRTacRAN)**

HRPDC and VDEM staff have obtained an extension to the FY 2008 UASI grant from FEMA. The extension extends the FY08 performance period until February 28, 2013. Communications stakeholders have indicated that the new timeframe allows for sufficient time to complete the augmentation of the HRTacRAN system. Since the extension has been received, communications stakeholders have published a request for proposals to complete the associated work.

### **Urban Area Security Initiative (UASI)**

The Emergency Management staff continues to manage and support the Hampton Roads Urban Areas Security Initiative (UASI) Grant Program for the Urban Area Working Group (UAWG). In February 2012, the HRPDC received official notice that Hampton Roads has been eliminated from the UASI program in fiscal year 2012. As such, the HRPDC and UAWG leadership have been primarily focusing on the sustainment of UASI funded initiatives after September 2014 (end of fiscal year 2011 performance period). This involves:

- a) The collection and analysis of UASI sustainment data  
HRPDC staff has worked with the Virginia Modeling, Analysis, and Simulation Center (VMASC) of Old Dominion University to create a UASI database. The database will serve as both an online program management tool and avenue to collect sustainment information from UASI project managers. A training session occurred on June 18, 2012. A request is included in the HRPDC Consent Agenda to amend a contract with VMASC for work necessary to draft a sustainment plan.
  
- b) Presidential Policy Directive 8  
The federal government has adopted Presidential Policy Directive 8 (PPD-8) which is designed to facilitate an integrated, all-of-nation/whole community, capabilities-based approach to preparedness. Involving federal partners, state, local and tribal leaders, the private sector, non-governmental organizations, faith based and community organizations – and most importantly the general public – is vital to keeping people and communities safe and preventing the loss of life and property when disasters strike. The HRPDC will work with stakeholders to transition regional preparedness efforts into the PPD-8 framework. This involves working with the state to draft an all encompassing Virginia Preparedness Plan and Regional Threat and Hazard Identification and Risk Assessment (THIRA). HRPDC staff is currently in the process of drafting an MOU with the Office of Homeland Security and Veterans Affairs to have the vendor completing the Virginia Preparedness Plan also complete a regional THIRA for the Hampton Roads UASI region, as there is overlap in the data that feeds best products.
  
- c) UASI Effectiveness Study  
Since the inception of the Hampton Roads region into the UASI program, over \$35 million has been invested to assist in building and sustaining capabilities to prevent, protect against, respond to, and recover from threats or acts of terrorism. The HRPDC has identified funds to support this effort. A request to amend a preexisting contract is included in the HRPDC agenda to begin work on this effort.

#### **4. Southside Recycling Rate Report – Calendar Year 2011**

The HRPDC staff has completed the annual recycling rate report for recycling activities in the eight Southside Hampton Roads localities that are covered by the Southeastern Public Service Authority (SPSA). These include Chesapeake, Franklin, Isle of Wight, Norfolk, Portsmouth, Southampton, Suffolk and Virginia Beach, as well as the eight towns in Isle of Wight and Southampton Counties (Boykins, Branchville, Capron, Courtland, Dreweryville, Newsoms, Windsor and Smithfield). The Virginia Code and the Virginia Regulations for Solid Waste Management Planning require each city, county, town or region to maintain a minimum 25% recycling rate and to report activities within the area on an annual basis. Historically, SPSA has been responsible for reporting recycling activities for its service area. Reported activities include both public and private efforts.

On July 25, 2012, the Virginia Department of Environmental Quality advised the HRPDC that DEQ had completed its review and accepted the region's report. For Calendar Year 2011, the Southside Hampton Roads area achieved a recycling rate of 36.3%, up from 31.87% in 2010, which exceeds the state requirement. Both total waste tonnage disposed of in 2011 and the percentage recycled showed an increase from 2010, which, at least in part, reflects economic conditions.

## **AGENDA NOTE – HRPDC EXECUTIVE COMMITTEE MEETING**

### **ITEM #12: CORRESPONDENCE OF INTEREST**

- A. Letter to Mr. Dwight Farmer, Executive Director, HRPDC from Mr. R. Breckenridge Daughtrey, City Clerk, City of Norfolk, July 27, 2012.**

Attached is a letter to Mr. Dwight Farmer, Executive Director, HRPDC from Mr. R. Breckenridge Daughtrey, City Clerk, City of Norfolk notifying him of the re-appointment of Mr. Marcus Jones, Mr. Thomas Smigiel, and Ms. Angelia Williams to the Hampton Roads Planning District Commission.

Attachment 12A

- B. Letter to Mr. Dwight Farmer, Executive Director, HRPDC from Ms. Dolores Moore, City Clerk, City of Chesapeake, July 27, 2012.**

Attached is a letter to Mr. Dwight Farmer, Executive Director, HRPDC from Ms. Dolores Moore, City Clerk, City of Chesapeake notifying him of the appointment of Council Member Debbie Ritter and Council Member Scott Matheson to the Hampton Roads Planning District Commission and the designation of Ella Ward as the Executive Committee (voting) member.

Attachment 12B

- C. Letter to Mr. Dwight Farmer, Executive Director, HRPDC from Ms. Donna Scott, City Council Clerk, City of Williamsburg, August 1, 2012.**

Attached is a letter to Mr. Dwight Farmer, Executive Director, HRPDC from Ms. Donna Scott, City Council Clerk, City of Williamsburg notifying him of the re-appointment of Mayor Clyde Haulman and City Manager Jack Tuttle to the Hampton Roads Planning District Commission.

Attachment 12C

- D. Certificate to Ms. Shernita Bethea, HRPDC, Housing/Human Services Administrator from the Virginia Association of Housing Counselors.**

Attached is a certificate presented to Ms. Shernita Bethea, HRPDC, Housing/Human Services Administrator by the Virginia Association of Housing Counselors. Ms. Bethea has been awarded the designation of Comprehensive Certified Housing Counselor.

Attachment 12D

**E. Letter to Ms. Shernita Bethea, HRPDC, Housing/Human Services Administrator from The Honorable Mark Warner, United States Senator, August 27, 2012.**

Attached is a letter to Ms. Shernita Bethea, HRPDC Housing/Human Services Administrator from The Honorable Mark Warner, United States Senator, congratulating her on receiving the Top 40 under 40 in Housing Award from the Virginia Housing Coalition and VHDA.

Attachment 12E

**F. Letter from the Urban Crescent Mayors and Chairs to Governor McDonnell, Lieutenant Governor Bolling & Members of the Virginia General Assembly, September 4, 2012.**

Attached is a letter from the Urban Crescent Mayors and Chairs to Governor McDonnell, Lieutenant Governor Bolling & Members of the Virginia General Assembly which expresses gratitude for past efforts to address the transportation funding crisis within the Urban Crescent. The letter also highlights the necessity for additional funding to address transportation infrastructure needs throughout the Commonwealth.

Attachment 12F



City of Norfolk  
Virginia

Office of the City Clerk

July 27, 2012

Mr. Dwight Farmer, Executive Director  
Hampton Roads Planning District  
Commission  
723 Woodlake Drive  
Chesapeake, VA 23320

Dear Mr. Farmer: *Dewyler,*

Attached for your records is a copy of Resolution 1,529 adopted by the Norfolk City Council on Tuesday, July 24, 2012, reappointing Angelia M. Williams, Thomas R. Smigiel and Marcus D. Jones to the Hampton Roads Planning District Commission for a term beginning July 1, 2012 and expiring June 30, 2014.

Should you have any questions, please do not hesitate to call me at 664-4253.

Sincerely,

R. Breckenridge Daughtrey  
City Clerk

Attachment

**RECEIVED**

**JUL 30 2012**

**HRPDC**

Form and Correctness Approved:

By

Office of the City Attorney

NORFOLK, VIRGINIA

Contents Approved:

By

DEPT. Legislative

**Resolution 1,529****R-26**

A RESOLUTION APPOINTING OR REAPPOINTING 46 PERSONS TO 6 BOARDS, 6 COMMISSIONS, AND 4 AUTHORITIES FOR CERTAIN TERMS.

BE IT RESOLVED by the Council of the City of Norfolk:

Section 1:- That the following persons are hereby appointed and reappointed to the **Norfolk Botanical Garden Society Board**:

1. Sharon Doggett, reappointed, for a term beginning May 16, 2012 and expiring May 15, 2015.
2. Anita Poston, appointed, for a term beginning July 24, 2012 and expiring May 15, 2015.
3. W. Ryan Snow, appointed, for a term beginning July 24, 2012 and expiring June 30, 2014, which is the unexpired term of Kate Hofheimer Wilson, resigned.

Section 2:- That Charles G. Robison, III is hereby reappointed to the **Norfolk Wetlands Board/Erosion Advisory Commission** for a term beginning February 18, 2012 and expiring February 17, 2017.

Section 3:- That the following persons are hereby reappointed to the **Norfolk Airport Authority**:

1. Malcolm P. Branch., for a term beginning August 20, 2012 and expiring August 19, 2016.
2. Gus J. James, II, for a term beginning August 20, 2012 and expiring August 19, 2016.
3. Blythe Ann Scott, for a term beginning August 20, 2012 and expiring August 19, 2016.
4. Chris G. Stephanitsis, for a term beginning August 20, 2012 and expiring August 19, 2016.

Section 4:- That the following persons are hereby appointed and reappointed to the **Highway Safety Commission**:

1. Debra Rocke, appointed, for a term beginning July 24, 2012 and expiring June 30, 2015.
2. Andrew A. Protogyrou, reappointed, for a term beginning July 1, 2012 and expiring June 30, 2015.

Section 5:- That the following persons are hereby reappointed to the **Norfolk Police-Fire Trial Board**:

1. Donna B. Alexander, for a term beginning July 1, 2012 and expiring June 30, 2013.
2. Peter G. Decker, III, for a term beginning July 1, 2012 and expiring June 30, 2013.
3. Henry P. Henson, for a term beginning July 1, 2012 and expiring June 30, 2013.

Section 6:- That the following persons are hereby appointed and reappointed to the **Chrysler Museum Board of Trustees**:

1. Wayne F. Wilbanks., reappointed, for a term beginning May 16, 2012 and expiring June 15, 2016.
2. Joseph Waldo, appointed, for a term beginning July 24, 2012 and expiring June 15, 2016.
3. Aubrey Layne, appointed, for a term beginning July 24, 2012 and expiring June 15, 2016.
4. Thomas L. Stokes, Jr., appointed, for a term beginning July 24, 2012 and expiring June 15, 2016.
5. Lisa Smith, appointed, for a term beginning July 24, 2012 and expiring June 15, 2015, which the unexpired term of Maurice A. Jones, resigned.

Section 7:- That the following persons are hereby reappointed to the **Hampton Roads Planning District Commission**:

1. Thomas R. Smigiel for a term beginning July 1, 2012 and expiring June 30, 2014.
2. Angelia M. Williams for a term beginning July 1, 2012 and expiring June 30, 2014.
3. Marcus D. Jones for a term beginning July 1, 2012 and expiring June, 30, 2014.

Section 8:- That the following persons are hereby reappointed to the **Tree Commission**:

1. Betty C. Baucom, (citizen), for a term beginning April 13, 2012 and expiring April 12, 2015.
2. Linda Cameron, (tree steward), for a term beginning April 13, 2012 and expiring April 12, 2015.
3. Kathryn P. King, (master gardener), for a term beginning April 13, 2012 and expiring April 12, 2015.

Section 9:- That Robert G. Dashiell, III is hereby appointed to the **Board of Building Code Appeals** for a term beginning July 24, 2012 and expiring March 2, 2013.

Section 10:- That the following persons are hereby reappointed to the **Hampton Roads Regional Jail Authority**:

1. Andrew A. Protogyrou for a term beginning July 1, 2012 and expiring June 30, 2015.
2. Anthony L. Burfoot, (alternate), for a term beginning July 1, 2012 and expiring June 30, 2015.

Section 11:- That the following persons are hereby appointed and reappointed to the **Norfolk Commission on Arts and Humanities**:

1. Joyce Hoffman (letters), reappointed, for a term beginning July 1, 2012 and expiring June 30, 2015.
2. Thomas Helm Jones (at-large), reappointed, for a term beginning July 1, 2012 and expiring June 30, 2015.
3. Barbara Boswell Laws (education), reappointed, for a term beginning July 1, 2012 and expiring June 30, 2015.
4. Charles V. McPhillips (theater), reappointed, for a term beginning July 1, 2012 and expiring June 30, 2015.
5. Patricia P. Rawls (arts), reappointed, for a term beginning July 1, 2012 and expiring June 30, 2015.
6. Elbert Watson (at-large), reappointed, for a term beginning July 1, 2012 and expiring June 30, 2015.
7. Allan S. Reynolds, Jr., (at-large), appointed, for a term beginning July 24, 2012 and expiring June 30, 2015.
8. Christine Grim Neikirk (at-large), appointed, for a term beginning July 24, 2012 and expiring June 30, 2015.

Section 12:- That Dr. Samuel T. King is hereby appointed to the **Criminal Justice Board** for a term beginning July 24, 2012 and expiring March 26, 2013, which is the unexpired term of Michael Spencer, resigned.

Section 13:- That Daniel A. Neumann, M.D. is hereby appointed to the **City Planning Commission** for a term beginning July 24, 2012 and expiring December 31, 2014, which is the unexpired term of Richard Diamonstein, resigned.

Section 14:- That the following persons are hereby appointed and reappointed to the **Norfolk Redevelopment and Housing Authority**:

1. Robert J. Soble, reappointed, for a term beginning April 15, 2012 and expiring April 14, 2016.
2. Rose Arrington, appointed, for a term beginning July 24, 2012 and expiring April 14, 2016.
3. Donald Musacchio, appointed, for a term beginning July 31, 2012 and expiring July 30, 2016.

Section 15:- That the following persons are hereby appointed and reappointed to the **Norfolk Economic Development Authority**:

1. Kim P. Brown, appointed, for a term beginning July 24, 2012 and expiring July 23, 2013.
2. Michael B. Burnette, appointed, for a term beginning July 24, 2012 and expiring July 23, 2014.
3. B. Wayne Coleman, appointed, for a term beginning July 24, 2012 and expiring July 23, 2015.
4. Nikita Houchins, appointed, for a term beginning July 24, 2012 and expiring July 23, 2016.
5. James L. McDonnell, appointed, for a term beginning July 24, 2012 and expiring September 04, 2015.
6. Jerry Bruce Robertson, reappointed, for a term beginning July 24, 2012 and expiring September 4, 2015.

Section 16:- That Benjamin A. Cobb is hereby appointed to the **Recreation Commission** for a term beginning July 24, 2012 and expiring December 31, 2014, which is the unexpired term of Donald Musacchio, resigned.

Section 17:- That this Resolution shall be in effect from and after its adoption.

Adopted by Council July 24, 2012  
Effective July 24, 2012

TRUE COPY  
TESTE:

\_\_\_\_\_  
R. BRECKENRIDGE DAUGHTREY, CITY CLERK

BY: \_\_\_\_\_  
DEPUTY CITY CLERK

Office of the City Clerk  
306 Cedar Road  
Chesapeake, Virginia 23322  
email: council@cityofchesapeake.net  
(757) 382-6151  
Fax (757) 382-6678

July 27, 2012

Mr. Dwight Farmer, Executive Director/Secretary  
Hampton Roads Planning District Commission  
723 Woodlake Drive  
Chesapeake, VA 23320

RE: Change in Membership Designation for the City of Chesapeake

Dear Mr. Farmer:

During the July 24, 2012 City Council meeting, City Council members voted to appoint Council Member Debbie Ritter to replace Cliff Hayes and Council Member Scott Matheson to replace Mayor Alan P. Krasnoff on the Hampton Roads Planning District Commission (HRPDC). Additionally, Council Member Ella Ward was designated as the voting member on the HRPDC effective July 25, 2012.

Council Member Ella Ward was appointed to the Hampton Roads Transportation Planning Organization to replace Cliff Hayes.

Should you have any questions or need a copy of the draft minutes from the meeting, please call me at 382-6151.

Sincerely,



Dolores A. Moore, MMC  
City Clerk

Cc: Interim City Manager Amar Dwarkanath  
Ronald Hallman, City Attorney

**RECEIVED**

JUL 30 2012

**HRPDC**



August 1, 2012

**CITY OF WILLIAMSBURG  
NOTIFICATION OF APPOINTMENT**

At the City Council meeting on July 12, 2012 Mayor Clyde Haulman announced that he will continue to serve on the Hampton Roads Planning District Commission and City Manager Jack Tuttle will continue to serve on the Executive Committee.

These are two-year terms.

Should you have any questions, please contact me.

Donna Scott, City Council Clerk  
City of Williamsburg  
[dscott@williamsburgva.gov](mailto:dscott@williamsburgva.gov)  
(757) 220-6103

**RECEIVED**

AUG 06 2012

**HRPDC**

Attachment 12C

## Kathlene Grauberger

---

**From:** DEE SCOTT <dscott@williamsburgva.gov>  
**Sent:** Monday, August 06, 2012 8:34 AM  
**To:** Kathlene Grauberger  
**Subject:** HRPDC Membership  
**Attachments:** Hampton Roads Planning District Commission.doc; DEE SCOTT.vcf

Good morning Ms. Grauberger,

Please see attached for City of Williamsburg announcement of appointment.

Also, would you please change the HRPDC website?

Currently, on the HRPDC website we are listed as:

**Williamsburg**

Clyde A. Haulman, Mayor, Williamsburg\*

Jackson C. Tuttle, II, City Manager

\* Executive Committee member

Would you please change it as follows making our City Manager the Executive Committee member:

**Williamsburg**

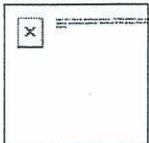
Clyde A. Haulman, Mayor, Williamsburg

Jackson C. Tuttle, II, City Manager\*

\* Executive Committee member

Thank you.

Donna (Dee) F. Scott  
City Council Clerk  
City of Williamsburg  
401 Lafayette Street  
Williamsburg, VA 23185-3617  
(757) 220-6103  
[dscott@williamsburgva.gov](mailto:dscott@williamsburgva.gov)



City of Williamsburg  
[www.williamsburgva.gov](http://www.williamsburgva.gov)

Facebook

Twitter

YouTube

City411



Virginia Association of  
Housing Counselors

# Virginia Association of Housing Counselors

Shernita Bethea

*Has been awarded the designation*

***Comprehensive Certified Housing Counselor***

By VIRGINIA ASSOCIATION OF HOUSING COUNSELORS

Monica Jefferson  
Monica Jefferson, President

Date of issue: June 2012

Date of expiration: May 2014

MARK R. WARNER  
VIRGINIA



UNITED STATES SENATOR  
WASHINGTON, D.C.

August 27, 2012

Ms. Shernita L. Bethea  
Housing/Human Services Administrator  
Hampton Roads Planning District Commission  
723 Woodlake Drive  
Chesapeake, VA 23320-8909

Dear Ms. Bethea,

I am pleased to extend my warmest congratulations to you upon receiving the Top 40 Under 40 in Housing Award from the Virginia Housing Coalition and WHDA.

This honor recognizes that your commitment to the common good has made a lasting impact on the community. When our country faces challenges, society relies upon role models to inspire success and create hope. Leaders provide the structure and organization to which others can aspire. I know your work will inspire others to exhibit the same leadership qualities that have enabled you to be successful.

On this important occasion, I am very pleased to join with your family, friends and community in saluting your accomplishments and wishing you the very best in your future endeavors.

Sincerely,

A handwritten signature in blue ink that reads "Mark R. Warner".

MARK R. WARNER  
United States Senator



# Virginia's Urban Crescent

## MEMBER JURISDICTIONS

ALEXANDRIA  
 ARLINGTON  
 ASHLAND  
 BOWLING GREEN  
 CAROLINE  
 CHARLES CITY  
 CHESAPEAKE  
 CHESTERFIELD  
 COLONIAL HEIGHTS  
 DINWIDDIE  
 DUMFRIES  
 EMPORIA  
 FAIRFAX CITY  
 FAIRFAX COUNTY  
 FALLS CHURCH  
 FRANKLIN  
 FREDERICKSBURG  
 GLOUCESTER  
 GOOCHLAND  
 GREENSVILLE  
 HAMPTON  
 HANOVER  
 HENRICO  
 HERNDON  
 HOPEWELL  
 ISLE OF WIGHT  
 JAMES CITY  
 KING GEORGE  
 LEESBURG  
 LOUDOUN  
 MANASSAS  
 MANASSAS PARK  
 NEW KENT  
 NEWPORT NEWS  
 NORFOLK  
 PETERSBURG  
 POQUOSON  
 PORTSMOUTH  
 PORT ROYAL  
 POWHATAN  
 PRINCE GEORGE  
 PRINCE WILLIAM  
 PURCELLVILLE  
 RICHMOND  
 SMITHFIELD  
 SOUTHAMPTON  
 SPOTSYLVANIA  
 STAFFORD  
 SUFFOLK  
 SURRY  
 SUSSEX  
 VIENNA  
 VIRGINIA BEACH  
 WILLIAMSBURG  
 WINDSOR  
 YORK

September 4, 2012

The Honorable Robert F. McDonnell  
Governor  
Commonwealth of Virginia

The Honorable William T. Bolling  
Lieutenant Governor

The Honorable Thomas K. Norment, Jr.  
Majority Leader  
Senate of Virginia

The Honorable M. Kirkland Cox  
Majority Leader  
Virginia House of Delegates

Fredericksburg Area General Assembly Delegation  
Hampton Roads General Assembly Delegation  
Northern Virginia General Assembly Delegation  
Petersburg Area General Assembly Delegation  
Richmond Area General Assembly Delegation

The Honorable William J. Howell  
Speaker of the Virginia House of Delegates

The Honorable Richard L. Saslaw  
Minority Leader  
Senate of Virginia

The Honorable David J. Toscano  
Minority Leader  
Virginia House of Delegates

Dear Governor McDonnell, Lieutenant Governor Bolling and Members of the Virginia General Assembly:

As local elected officials within the Urban Crescent, we appreciate your past efforts to address transportation funding. However, we have become increasingly alarmed by the transportation funding crisis currently facing the Commonwealth. We are writing to you to highlight the necessity for additional funding to address transportation infrastructure needs throughout our state.

On June 7, 2012, local elected officials from throughout the Crescent, which encompasses localities from Northern Virginia through the Richmond region to Hampton Roads, met to discuss these critical issues that affect the daily lives of all our residents. The consensus at the meeting was that Virginia's transportation system is significantly underfunded and the situation continues to deteriorate, as evidenced by some startling facts:

- State secondary and urban system construction funds have been eliminated.
- By 2017, no state funds will be available for highway construction, and the Commonwealth will be unable to fully match federal funds.
- Approximately 26 percent of VDOT-maintained roadways statewide are in poor condition, according to VDOT. However, that number is 34 percent for the Urban Crescent, including 39 percent in Northern Virginia, 36 percent in Hampton Roads and 31 percent in Richmond.

September 4, 2012

Page 2

- Only 66 percent of Virginia's secondary roads currently meet pavement performance targets. The cost, using VDOT's estimates, of meeting VDOT's goal of 82 percent of secondary roads in fair or better condition could be \$1.3 billion to \$1.8 billion.
- As localities continue to address congestion by providing more transit options, transit funding provided by the Commonwealth is far short of what is needed.
- In the Richmond area, commuters waste 20 hours per year stuck in traffic.
- In Hampton Roads, commuters waste 34 hours, and in
- Northern Virginia, commuters waste 74 hours.
- The morning and evening rush hours in the Urban Crescent last as long as two and a half to seven hours each day.

While a strong transportation system is important to all regions of the Commonwealth, it is particularly critical to the Urban Crescent. Although the Urban Crescent only comprises 24 percent of the land area in Virginia, it comprises 68 percent of the population and generates 79 percent of the gross product of Virginia. We also experience some of the worst traffic in the nation, and the condition of our roads and bridges continues to decline.

Virginians from all walks of life depend on a strong transportation network – allowing residents to travel to job sites, educational institutions, leisure activities and other places they need to reach in daily life. An efficient transportation network links communities; sustains our important tourism industry; maintains Virginia's critical role as a hub of national security efforts; allows businesses to move goods and provide services; and spurs economic development by drawing new businesses and revenues to our state every year. The Urban Crescent's economic health is vital to the Commonwealth, and without new investments in multimodal transportation, each of our regions' economies will decline, resulting in less revenue available to meet the myriad of Virginia's needs. These repercussions are already beginning to be felt, as evidenced by the recent CNBC Rankings of "America's Top States for Business." In the study, which was released on July 13, 2012, the Commonwealth's overall ranking in state competitiveness dropped from #1 to #3, and its ranking for Infrastructure and Transportation dropped from #10 to #33.

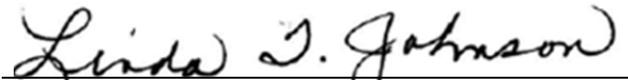
Though various efforts have been made in recent years to address the Commonwealth's transportation needs, adequate and sustainable solutions have not been achieved. We believe that the time for action is now, and that inaction is a "traffic tax" on our localities, our residents, our visitors, and our businesses, through decreased productivity, diminished quality of life, higher fuel costs, higher maintenance costs, and increased pollution. In that regard, we have endorsed the attached "Statement of Purpose," which asserts the need for further state investment in transportation infrastructure spending for all transportation modes. It is essential that this new investment come from stable, reliable, permanent, and balanced sources.

We welcome the opportunity to discuss our concerns with you and to assist you with the development of a solution. We look forward to your leadership on this issue. We understand that our representatives cannot solve this problem alone, and it is our intention to engage our business communities and residents in support of this effort. It is our hope that, with all of us working together, we can come to a solution that truly addresses our transportation needs.

Sincerely,

The Mayors and Chairs  
of Virginia's Urban Crescent

  
Nader Baroukh, Mayor, City of Falls Church

  
Linda T. Johnson, Mayor, City of Suffolk

  
Sharon Bulova, Chair, Fairfax County

  
Dwight C. Jones, Mayor, City of Richmond

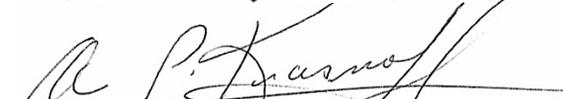
  
James H. Burrell, Chairman, New Kent County

  
Frank Jones, Mayor, City of Manassas Park

  
Alan E. Casteen, Chairman, Isle of Wight County

  
Mary K. Jones, Chair, James City County

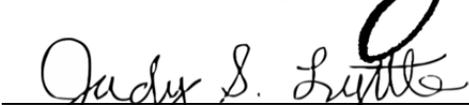
  
Ned S. Creasey, Chairman, Goochland County

  
Alan P. Krasnoff, Mayor, City of Chesapeake

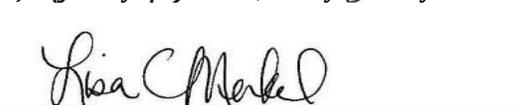
  
William D. Euille, Mayor, City of Alexandria

  
Robert W. Lazaro, Mayor, Town of Puffcellville

  
Gerald M. Foreman, Mayor, Town of Dumfries

  
Judy S. Lyttle, Chair, Surry County

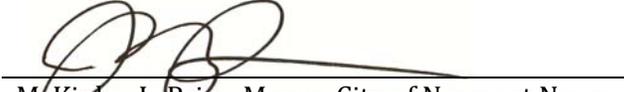
  
Paul D. Fraim, Mayor, City of Norfolk

  
Lisa C. Merkel, Mayor, Town of Herndon

  
Richard W. Glover, Chairman, Henrico County

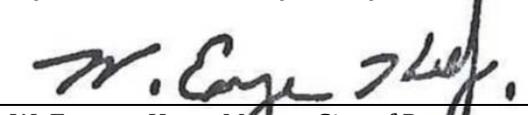
  
Harry J. Parrish, II, Mayor, City of Manassas

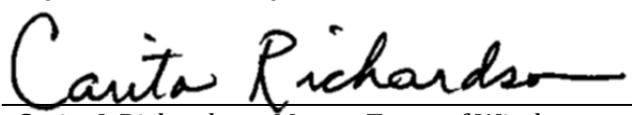
  
Mary Katherine Greenlaw, Mayor City of Fredericksburg

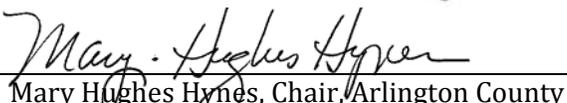
  
McKinley L. Price, Mayor, City of Newport News

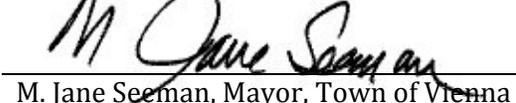
  
Clyde A. Haulman, Mayor, City of Williamsburg

  
Faye O. Prichard, Mayor, Town of Ashland

  
W. Eugene Hunt, Mayor, City of Poquoson

  
Carita J. Richardson, Mayor, Town of Windsor

  
Mary Hughes Hynes, Chair, Arlington County

  
M. Jane Seeman, Mayor, Town of Vienna



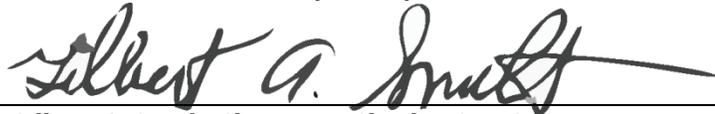
William D. Sessoms, Mayor, City of Virginia Beach



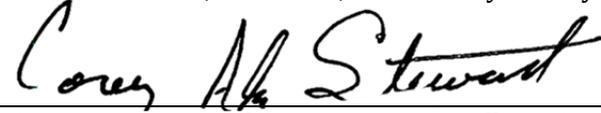
Thomas G. Shepperd, Chairman, York County



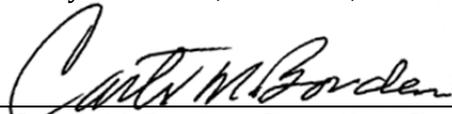
R. Scott Silverthorne, Mayor, City of Fairfax



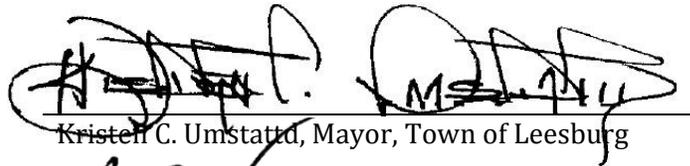
Gilbert A. Smith, Chairman, Charles City County



Corey A. Stewart, Chairman, Prince William County



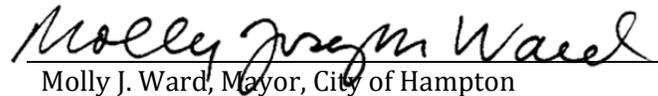
Carter M. Borden, Chairman, Gloucester County



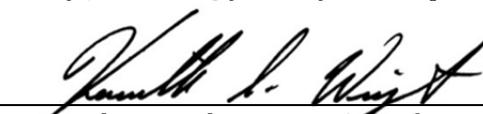
Kristen C. Umstadt, Mayor, Town of Leesburg



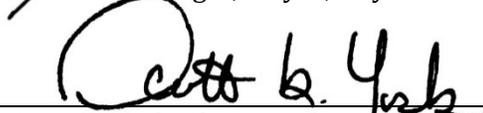
G. Ed Via, III, Chairman, Hanover County



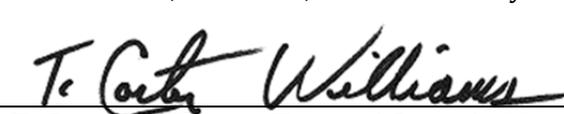
Molly J. Ward, Mayor, City of Hampton



Kenneth I. Wright, Mayor, City of Portsmouth



Scott K. York, Chairman, Loudoun County



T. Carter Williams, Town of Smithfield

## **STATEMENT OF PURPOSE**

- A modern, efficient multimodal transportation system is essential to the Commonwealth, and is intrinsically tied to continued economic development, growth, job creation and the ability to compete in a global economy. Continued inaction, or a piecemeal approach, to the issue of transportation funding imposes an additional tax on our residents, families and businesses, through decreased productivity, diminished quality of life, higher fuel costs, higher vehicle maintenance costs and increased pollution and a lowered attraction to tourists and business leaders.
- Current state transportation revenues are vastly insufficient to maintain and build the multimodal infrastructure Virginia needs to remain an active and dynamic participant in a 21<sup>st</sup> Century economy. The gap identified between transportation needs and available revenues continues to widen dramatically each year.
- Transportation is fundamentally a state responsibility. As such, the Commonwealth must lead the efforts to provide more revenue for our transportation infrastructure.
- The Commonwealth of Virginia is facing a transportation funding crisis that must be addressed. Virginia needs real transportation solutions that provide significant increases in state transportation funding for all modes from new stable, reliable, permanent, and balanced source(s).
- Individual representatives from the Urban Crescent cannot solve this crisis alone. We, the mayors and chairs of the Urban Crescent, support the General Assembly and encourage our elected state leaders to take bold action to address this crisis.

**Distribution:**

**Fredericksburg Area General Assembly Delegation**

The Honorable Mark Cole, Delegate  
The Honorable John A. Cox, Delegate  
The Honorable Mark Dudenhefer, Delegate  
The Honorable Peter Farrell, Delegate  
The Honorable William J. Howell, Delegate  
The Honorable Ryan T. McDougale, Senator  
The Honorable Robert D. Orrock Sr., Delegate  
The Honorable Margaret B. Ransone, Delegate  
The Honorable Bryce Reeves, Senator  
The Honorable Richard H. Stuart, Senator  
The Honorable Linda Toddy-Puller, Senator

**Hampton Roads General Assembly Delegation**

The Honorable Kenneth C. Alexander, Delegate  
The Honorable Mamye E. BaCote, Delegate  
The Honorable Harry B. Blevins, Senator  
The Honorable John A. Cosgrove, Delegate  
The Honorable Gordon C. Helsel, Jr., Delegate  
The Honorable Keith Hodges, Delegate  
The Honorable Algie T. Howell, Jr., Delegate  
The Honorable Salvatore R. Iaquinto, Delegate  
The Honorable Matthew James, Delegate  
The Honorable Johnny S. Joannou, Delegate  
The Honorable Chris Jones, Delegate  
The Honorable Barry Knight, Delegate  
The Honorable Lynwood W. Lewis, Jr., Delegate  
The Honorable Mamie E. Locke, Senator  
The Honorable L. Louise Lucas, Senator  
The Honorable Jeffrey L. McWaters, Senator  
The Honorable John C. Miller, Senator  
The Honorable Rick Morris, Delegate  
The Honorable Thomas K. Norment, Jr., Senator  
The Honorable Ralph S. Northam, Senator  
The Honorable Brenda L. Pogge, Delegate  
The Honorable Harry R. Purkey, Delegate  
The Honorable Lionell Spruill, Sr., Delegate  
The Honorable Christopher Stolle, Delegate  
The Honorable Robert Tata, Delegate  
The Honorable Roslyn C. Tyler, Delegate  
The Honorable Ronald A. Villanueva, Delegate  
The Honorable Frank W. Wagner, Senator  
The Honorable Jeion A. Ward, Delegate  
The Honorable Mike Watson, Delegate  
The Honorable David E. Yancey, Delegate

**Northern Virginia General Assembly Delegation**

The Honorable David B. Albo, Delegate  
The Honorable Richard L. Anderson, Delegate  
The Honorable George L. Barker, Senator  
The Honorable Richard H. Black, Senator  
The Honorable Robert H. Brink, Delegate  
The Honorable David L. Bulova, Delegate  
The Honorable Charles J. Colgan, Senator  
The Honorable Barbara J. Comstock, Delegate  
The Honorable Mark Dudenhefer, Delegate  
The Honorable Adam P. Ebbin, Senator  
The Honorable David L. Englin, Delegate  
The Honorable Barbara A. Favola, Senator  
The Honorable Eileen Filler-Corn, Delegate  
The Honorable Thomas A. Greason, Delegate  
The Honorable Charniele L. Herring, Delegate  
The Honorable Mark R. Herring, Senator  
The Honorable Patrick A. Hope, Delegate  
The Honorable Janet D. Howell, Senator  
The Honorable Timothy D. Hugo, Delegate  
The Honorable Mark L. Keam, Delegate  
The Honorable Kaye Kory, Delegate  
The Honorable James M. LeMunyon, Delegate  
The Honorable L. Scott Lingamfelter, Delegate  
The Honorable Alfonso H. Lopez, Delegate  
The Honorable David W. Marsden, Senator  
The Honorable Robert G. Marshall, Delegate  
The Honorable Joe T. May, Delegate  
The Honorable Jackson H. Miller, Delegate  
The Honorable J. Randall Minchew, Delegate  
The Honorable Chap Peterson, Senator  
The Honorable Kenneth R. Plum, Delegate  
The Honorable David I. Ramadan, Delegate  
The Honorable Thomas Davis Rust, Delegate  
The Honorable Richard L. Saslaw, Senator  
The Honorable James M. Scott, Delegate  
The Honorable Mark D. Sickles, Delegate  
The Honorable Scott A. Surovell, Delegate  
The Honorable Luke E. Torian, Delegate  
The Honorable Jill Holtzman Vogel, Senator  
The Honorable Vivian E. Watts, Delegate

**Petersburg Area General Assembly Delegation**

The Honorable Betsy B. Carr, Delegate  
The Honorable M. Kirkland Cox, Delegate  
The Honorable Rosalyn R. Dance, Delegate  
The Honorable Riley E. Ingram, Delegate  
The Honorable G.M. Manoli Loupassi, Delegate  
The Honorable L. Louise Lucas, Senator  
The Honorable Henry L. Marsh III, Senator  
The Honorable Stephen H. Martin, Senator  
The Honorable A. Donald McEachin, Senator  
The Honorable Delores L. McQuinn, Delegate  
The Honorable Rick Morris, Delegate  
The Honorable Joseph D. Morrissey, Delegate  
The Honorable Thomas K. Norment, Jr., Senator  
The Honorable Roxann L. Robinson, Delegate  
The Honorable Frank M. Ruff, Jr., Senator  
The Honorable Roslyn C. Tyler, Delegate  
The Honorable R. Lee Ware Jr., Delegate  
The Honorable John C. Watkins, Senator

**Richmond Area General Assembly Delegation**

The Honorable Betsy B. Carr, Delegate  
The Honorable M. Kirkland Cox, Delegate  
The Honorable Rosalyn R. Dance, Delegate  
The Honorable Peter Farrell, Delegate  
The Honorable Thomas A. Garrett, Jr., Senator  
The Honorable Riley E. Ingram, Delegate  
The Honorable G.M. Manoli Loupassi, Delegate  
The Honorable Henry L. Marsh III, Senator  
The Honorable Stephen H. Martin, Senator  
The Honorable James P. Massie, Delegate  
The Honorable Jennifer L. McClellan, Delegate  
The Honorable Ryan T. McDougle, Senator  
The Honorable A. Donald McEachin, Senator  
The Honorable Delores L. McQuinn, Delegate  
The Honorable Joseph D. Morrissey, Delegate  
The Honorable John M. O'Bannon III, Delegate  
The Honorable Christopher Peace, Delegate  
The Honorable Margaret B. Ransone, Delegate  
The Honorable Roxann L. Robinson, Delegate  
The Honorable Walter A. Stosch, Senator  
The Honorable R. Lee Ware, Jr., Delegate  
The Honorable John C. Watkins, Senator

## **AGENDA NOTE – HRPDC EXECUTIVE COMMITTEE MEETING**

### **ITEM #13: FOR YOUR INFORMATION**

#### **A. Hampton Roads Sustainable Living Expo**

On September 28 and 29, 2012, the City of Virginia Beach is organizing and hosting the Hampton Roads Sustainable Living Expo. The goal of the Expo is to begin an honest dialogue on what it means to be sustainable, focusing on a balance among social, economic and environmental issues, in the Hampton Roads Region.

Attached for your information is a flyer about the event, including the September 28, 2012 business luncheon. More information can be obtained from the Expo website <http://www.hrsustainablelivingexpo.com>

Attachment 13-A

#### **B. Molding & Simulation Conference**

On September 25-26, 2012, the Virginia Modeling, Analysis and Simulation Center is hosting a Modeling and Simulation Multi-disciplinary Conference. The goal of the Conference is to allow attendees to exchange modeling and simulation knowledge, research and technology across industry, government and academia.

Attached for your information is a flyer about the event. More information can be obtained from the Conference website <http://www.trainingsystems.org/events>

Attachment 13-B

#### **C. Virginia's Urban Crescent**

Recognizing the crisis Virginia faces as it related to transportation, 56 localities that comprise the Urban Crescent of Virginia have organized to work together to effectively influence the General Assembly to address the Commonwealth's well documented transportation needs. In an effort to convey the necessity for additional funding to address transportation Infrastructure needs throughout the Commonwealth, an examination of congestion costs of 'Do nothing' approach as well as revenue generation capabilities of the Urban Crescent has been prepared and transmitted.

Attached is an analysis of the "Congestion Costs of a 'Do Nothing' Approach in "Virginia's Urban Crescent" and a summary of the "Revenue Generation Capabilities" of various revenue sources, prepared by the HRPDC staff in support of the Urban Crescent Mayors and Chairs.

Attachment 13-C

# Hampton Roads Sustainable Living Expo



**What:** A regional two-day event designed to engage the greater Hampton Roads community in exploring the balance between social, economic and environmental responsibility. The goal of the Hampton Roads Sustainable Living Expo is to begin an honest dialogue on what it means to be sustainable in the Hampton Roads Region. There are already many local, public and private community leaders in our area addressing sustainability. These organizations are quietly moving towards a sustainable model, while many other organizations are looking for a way to begin.

**When:** September 28-29, 2012

**Where:** Virginia Beach Convention Center

**Who:** Hampton Roads Residents, Businesses, Private Organizations, Local Governments

**Highlights:**

**Friday September 28 11:30 am – 1:25 pm**  
**Business Luncheon with Nationally Recognized Speaker**

*(\$25.00 registration fee waived for City Manager/County Administrator AND Mayor/Board of Supervisors Chair)*

**Saturday September 29 10:00 am – 4:00 pm**

**Shuttle bus from Newtown Light Rail Station to Convention Center**

**Outside Events (E-Cycle, Shred-It, Alternative Fueled Vehicles)**

**Inside Events (vendors, displays, talks, films, presentations)**

*(Highlight your local sustainable activities and initiatives!)*

**19<sup>th</sup> Street eastbound to Boardwalk (rickshaws, vendors, entertainment, Neptune Festival activities)**



## Hampton Roads Sustainable Living Expo Web Links:

- **Website**  
<http://www.hrsustainablelivingexpo.com>
- **Brochure**  
<http://content.yudu.com/Library/A1x5zy/2012HamptonRoadsSust/resources/index.htm?referrerUrl=http%3A%2F%2Ffree.yudu.com%2Fitem%2Fdetails%2F539039%2F2012-Hampton-Roads-Sustainable-Living-Expo-Brochure>
- **Sponsorship & Exhibitor Opportunities**  
<http://content.yudu.com/Library/A1x6i5/2012HamptonRoadsSust/resources/index.htm?referrerUrl=http%3A%2F%2Ffree.yudu.com%2Fitem%2Fdetails%2F539541%2F2012-Hampton-Roads-Sustainable-Living-Expo-----Sponsorship---Exhibitor-Opportunities>
- **HRPDC Newsletter**  
<http://www.hrpdcva.gov/HamptonRoadsReview/post/2012-Hampton-Roads-Sustainable-Living-Expo.aspx>
- **HRPDC Blog - askHRgreen.org**  
<http://askhrgreen.org/hampton-roads-sustainable-living-expo/>
- **HR Partnership Blog**  
<http://smartregion.org/2012/06/hampton-roads-sustainable-living-expo/>

# Modeling and Simulation (M&S) Multi-Con

Growing M&S Capabilities through Collaboration

SEPTEMBER 25-26-27, 2012

The Virginia Modeling, Analysis and Simulation Center  
1030 University Blvd., Suffolk, VA 23435

25 SEPTEMBER

## ► MODSIM WORLD Interim Event

MODSIM 2012 is a unique multi-disciplinary international conference for the exchange of modeling and simulation knowledge, research and technology across industry, government and academia. The 2012 event is a one-day event bridging the fall 2011 MODSIM event to its new timeslot in the spring of 2013. Focus areas for both the 2012 and 2013 MODSIM events will be Transportation, Medical/Healthcare, Education/Workforce Development, Manufacturing, and Defense/Cyberwarfare.

26 SEPTEMBER

## ► National Modeling and Simulation Coalition (NMSC) Business Meeting

Members of the Coalition will discuss and adopt a Coalition Policy and Guidance and elect the incoming Board of Governors. Additionally, the five standing committees will meet to finalize their detailed action plan to report to the Coalition at this meeting. The standing committees are: Technology, Research and Development; Education and Professional Development; Industrial Development; Business Practice; Communications/Outreach and Public Awareness. All are welcome to attend to share their thoughts on these plans and initiatives; members of the Coalition will be voting.

27 SEPTEMBER

## ► Enabling Training Technologies for JF2020

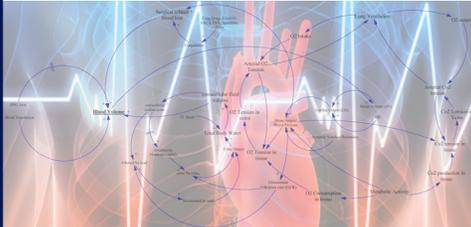
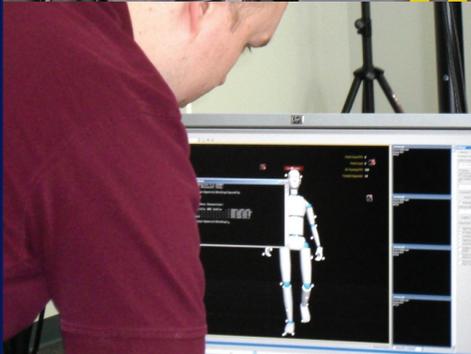
Moving the Training Environment into Cloud Computing

As our forces move towards their post-OEF posture, the joint training environment must be compelling and engaging. The Joint Staff J7, Joint and Coalition Warfighting will hold conversations to help identify what Cloud technologies/techniques are available to assist in delivering to multiple (currently 51) worldwide locations. Innovators in development and exploitation of Cloud technology will be invited to present research and lead discussions on commercial standards, security issues, and replicating operational environments. The workshop seeks to examine enabling technologies in the areas of (1) web-based services, (2) security, and (3) emerging technologies and frameworks, to provide an agile training and exercise environment that reflects the complexities and uncertainty of the operating environment and challenges the JF 2020 warfighter.

27 SEPTEMBER

## ► ODU VMASC Technology Review and Open House

The Virginia Modeling, Analysis and Simulation Center (VMASC) will open its doors to the community to build relationships and foster increased awareness of the wealth of M&S research and development taking place in Hampton Roads. VMASC will demonstrate modeling and simulation applications in medical and healthcare, defense and regional security, economic development planning and more. A full day of presentations, demonstrations and networking opportunities is planned.



Multiple organizations will come together on the campus of VMASC to present a series of events to inform and update the M&S community on respective plans, preparations and opportunities.

### Map of VMASC

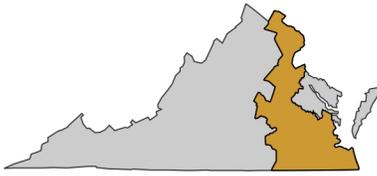
<http://mapq.st/HW1YVH>

### Details and Registration:

<http://www.trainingsystems.org/events>

### Sponsorship Opportunities:

[ddyson@ndia.org](mailto:ddyson@ndia.org)



# Virginia's Urban Crescent

September 4, 2012

## Congestion Costs of a 'Do Nothing' Approach in Virginia's Urban Crescent

Increasing demands on transportation infrastructure coupled with an evaporating revenue stream for new construction put the future of the Commonwealth's economy at risk. Virginia recently lost its top ranking in the *CNBC Best State for Business* survey due primarily to inadequate transportation infrastructure.

When analyzing the impact of congestion, it is clear that there are multiple costs that accrue to a geographic area due to a lack of transportation infrastructure. Measuring the impact of these congestion costs can be broken down into two subgroups:

- Systems and users (travel times costs and gasoline/diesel usage)
- Business and resident location (labor mobility, land values, and business investment)

Most studies which estimate the cost of congestion focus simply on the impacts on systems and users, paying specific attention to the value of time lost in traffic and excess motor fuel burned during delays.

Employing analysis conducted by the *Texas Transportation Institute* for the three metropolitan areas for which there is data, the analysis reveals that the total congestion cost over the 28-year period from 2013 to 2040 will cost commuters and businesses in the Urban Crescent approximately **\$77 billion**, resulting from **5.6 billion hours of delay**.

2013-2040 Total Congestion Costs		
PDC	Total Hours Delay	Net Present Value
Crater	NA	NA
George Washington	NA	NA
Hampton Roads	1.3 billion	\$17.1 billion
Northern Virginia	3.7 billion	\$52.7 billion
Richmond Regional	0.6 billion	\$7.2 billion
<b>Total</b>	<b>5.6 billion*</b>	<b>\$77 billion*</b>

2010 Cost Per Person		
PDC	Congestion Cost	Total Hours Delay
Crater	NA	NA
George Washington	NA	NA
Hampton Roads	\$446.8	23.6
Northern Virginia	\$848.5	41.6
Richmond Regional	\$270.9	14.3

NA – the data is not provided for these areas by the Texas Transportation Institute.

\*This figure does not include the Crater and George Washington planning district commissions, which represent an estimated 507,000 residents and 240,000 jobs.

This conservative analysis understates future costs in several important ways. Most importantly, this analysis does not account for the impact on land values or business location decisions. Also, this analysis assumes that congestion will increase at a constant rate per person, while evidence suggests that congestion costs increase exponentially for systems that have exceeded capacity. Forecasters also expect both the value of time and the cost of fuel will increase in real terms, while this analysis uses the 2010 prices for both time and fuel.

### Methodology

*Texas Transportation Institute* produces data on the cost of congestion in the 101 largest MSAs in the United States. This analysis employs the cost estimates for Richmond, Hampton Roads, and the Virginia portion of the Washington, DC region. Using *Woods and Poole* population projections for Virginia cities and counties and the cost of congestion per person in these regions, the cost of congestion for each year from 2013 to 2040 can be estimated (in 2010 \$s). Using a discount rate based on the current 30-year US Treasury yield of 2.52% allows for a final estimate of the Net Present Value of costs resulting from a 'Do Nothing' approach for each region and the Urban Crescent as a geographic unit.



# Virginia's Urban Crescent

September 4, 2012

## Revenue Generation Capabilities

The following table is a summary of the revenue generated from a variety of taxes and fees, some of which were included in HB 3202 (2007).

Revenue Source	(\$ millions)						
	Crater	George Washington	Hampton Roads	Northern Virginia	Richmond Regional	Urban Crescent	Statewide
Local income tax of 1% <sup>1</sup>	\$19.8	\$63.8	\$251.2	\$735.1	\$202.7	\$1,272.6	\$1,639.5
Local sales tax of 1% (levied according to existing local option) <sup>2</sup>	\$18.7	\$38.8	\$194.8	\$358.2	\$147.3	\$757.8	\$1,027.9
Tax increase of 10¢-per-gallon on motor vehicle fuels <sup>3</sup>	\$8.7	\$16.6	\$83.6	\$114.1	\$50.7	\$273.7	\$404.8
Property tax of 1¢ per \$100 of assessed value <sup>4</sup>	\$1.3	\$3.5	\$17.3	\$37.7	\$10.9	\$70.7	\$97.1
*5% tax on automobile repairs <sup>5</sup>	\$2.7	\$5.2	\$25.9	\$35.3	\$15.7	\$84.8	\$125.4
*Grantors tax of 40¢ per \$100 of assessed value <sup>6</sup>	\$0.8	\$4.1	\$15.2	\$46.2	\$10.4	\$76.7	\$95.1
*Motor vehicle rental tax of 2% <sup>7</sup>	\$0.2	\$0.4	\$3.7	\$8.6	\$2.5	\$15.4	\$16.7
*One-time vehicle registration fee of 1% <sup>8</sup>	\$3.3	\$8.4	\$35.1	\$60.6	\$21.4	\$128.8	\$182.6
*Annual registration/inspection fee of \$10 per vehicle <sup>9</sup>	\$1.7	\$3.3	\$14.7	\$18.4	\$9.7	\$47.9	\$76.4
*2% retail tax on motor fuel sales <sup>10</sup>	\$6.0	\$11.4	\$57.3	\$78.1	\$34.7	\$187.5	\$227.1

\*Denotes revenue streams included in HB 3202.

<sup>1</sup>Income tax revenue based on data from taxable year 2009. Source: Department of Taxation.

<sup>2</sup>Sales tax revenue based on 1% local option data for 2011. Source: Department of Taxation.

<sup>3</sup>Fuel usage based on per capita fuel consumption estimates of 500 gallons per year. Sources: US Energy Information Administration and the Weldon Cooper Center.

<sup>4</sup>Property values based on the fair market value of real estate for tax year 2010. Source: Department of Taxation.

<sup>5</sup>Automobile repair expenditure estimates based on the Consumer Expenditure Survey Data for Households. Sources: Bureau of Labor Statistics, US Census Bureau, and the Weldon Cooper Center.

<sup>6</sup>Grantor's Tax based on deeds of conveyance for FY 2012. Source: Virginia Department of Accounts.

<sup>7</sup>Vehicle rentals based on rental tax receipts from July 2011 through June 2012. Source: Department of Motor Vehicles.

<sup>8</sup>Vehicle registration revenues on motor vehicles sales/use tax collections from July 2011 through June 2012. Source: Department of Motor Vehicles.

<sup>9</sup>Registration/inspections revenue based on vehicle registrations as of June 2011. Source: Department of Motor Vehicles.

<sup>10</sup>Motor fuels revenue based on Virginia's average fuel consumption and average price for calendar year 2012. Sources: US Energy Information Administration, the Weldon Cooper Center, and AAA Fuel Gauge Report.

**AGENDA NOTE – HRPDC EXECUTIVE COMMITTEE MEETING**

**ITEM #14: OLD/NEW BUSINESS**