

AGENDA
HAMPTON ROADS PLANNING DISTRICT COMMISSION
ANNUAL COMMISSION MEETING
October 20, 2011

- 9:30 1. Call to Order
2. Public Comment Period
3. Submitted Public Comments
4. Approval/Modification of Agenda
5. Employee Recognition
- CONSENT AGENDA**
6. Minutes of September 15, 2011 Executive Committee Meeting
7. Treasurer's Report
8. Regional Reviews – Monthly Status Report
- A. PNRS Reviews
- B. Environmental Impact Assessment/Statement Review
9. Grant Application to Department of Housing and Community Development – Virginia HOME Down Payment Assistance (DPA) Program
10. Contract Amendment – Hazard Mitigation Program
11. Contract Amendment – Urban Area Security Initiative Contract for Analytical Technical Support
12. Regional Stormwater Cooperation Report
- REGULAR AGENDA**
- 9:40 13. FY 2011 Audit Report
- 9:50 14. HR GREEN Program Briefing
- 10:00 15. Resolution for Participation in the 2012 Great American Cleanup
- 10:10 16. Chesapeake Bay Total Maximum Daily Load (TMDL)
- 10:25 17. Nominating Committee Report/Election of Officers
18. HRPDC Action Items: Three-Month Tentative Schedule
19. Project Status Reports and Advisory Committee Summaries
20. Correspondence of Interest
21. For Your Information
22. Old/New Business

ADJOURNMENT

AGENDA NOTE – HRPDC ANNUAL COMMISSION MEETING

ITEM #1: CALL TO ORDER

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

ITEM #2: 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 #3: SUBMITTED PUBLIC COMMENTS

There are no recently submitted written public comments. Any new written public comments will be distributed as a handout at the meeting.

ITEM #4: 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 ANNUAL COMMISSION MEETING

ITEM #5: EMPLOYEE RECOGNITION

The employees noted below will be recognized for years of service to the HRPDC on a plaque prominently located at the HRPDC. These employees reached milestone anniversaries between October 31, 2010, and October 31, 2011.

Five Years

Shernita Bethea

Whitney Katchmark

Dale Stith

Ten Years

Greg Grootendorst

Sheila Wilson

RECOMMENDED ACTION:

Acknowledge individuals.

Hampton Roads Planning District Commission
Executive Committee Meeting
Minutes of September 15, 2011

The Executive Committee Meeting of the Hampton Roads Planning District Commission was called to order at 9:30 a.m. at the Regional Boardroom, 723 Woodlake Drive, Chesapeake, Virginia, with the following in attendance:

EXECUTIVE COMMITTEE:

Stan D. Clark, Chairman (IW)	Marcus Jones (NO)*
Thomas Shepperd, Vice Chairman (YK)	J. Randall Wheeler (PQ)
James O. McReynolds, Treasurer (YK)	Kenneth Wright (PO)*
William E. Harrell (CH)	Selena Cuffee-Glenn (SU)
Barry Cheatham (FR)	Tyrone Franklin (SY)
Brenda Garton (GL)	James K. Spore (VB)
Bruce Goodson (JC)	Clyde Haulman (WM)
McKinley Price (NN)	

Executive Director:

Dwight L. Farmer

EXECUTIVE COMMITTEE (ABSENT)

Alan Krasnoff (CH)	Paul D. Fraim (NO)
June Fleming (FR)	Michael W. Johnson (SH)
Molly Joseph Ward (HA)	Louis R. Jones (VB)

OTHER COMMISSIONERS:

Ella P. Ward (CH)*	Neil Morgan (NN)
Amar Dwarkanath (CH)	Barbara Henley (VB)
Gregory Woodard (GL)*	Harry E. Diezel (VB)
W. Douglas Caskey (IW)	Jackson C. Tuttle, II (WM)
Robert Middaugh (JC)	

*Late arrival or early departure.

OTHERS RECORDED ATTENDING:

John R. Gergely (Citizens); Earl Sorey (CH); Bryan Pennington (NO); Eric Nielsen (SU); Michael King (NN); Sherri Neil (PO); Bob Matthias (VB); Steve Romine (LeClair Ryan); Sheila Noll (York LGAC); Keith Matteson (SCS Engineers); Barrett Hardiman (Luck Stone Corporation); Ellis James (Sierra Club Observer); Peter Huber (Willcox & Savage), Germaine Fleet (Biggs & Fleet); Staff: John M. Carlock, Camelia Ravanbakht, Shernita Bethea, Brian Chenault, Jennifer Coleman, Natalie Easterday, Kathlene Grauberger, Greg Grootendorst, Richard Flannery, Frances Hughey, Jim Hummer, Whitney Katchmark, Sara Kidd, Robert Lawrence, Mike Long, Jay McBride, Kelli Peterson, Joe Turner, Chris Vaigneur.

Chairman Clark called the Hampton Roads Planning District Commission Executive Committee meeting to order.

PUBLIC COMMENT

One person requested to address the Hampton Roads Planning District Commission.

Ellis W. James

Thank you, Mr. Chairman, members of the Commission. My name is Ellis W. James, I reside in the City of Norfolk and I have been there for a lifetime. I would like very much to thank all of the communities within this body for what appears to have been an excellent job that you have done in helping the elderly and the most vulnerable of our citizens during the tremendous amounts of heat that we suffered this summer. I felt in the air two nights ago the first tinges of fall and I think by tonight we will realize it. I would like to call to your attention something that not all of you may be aware of. The Tide has luckily not risen, but has been activated and is now going strong in the City of Norfolk. I know that this is a TPO item primarily, but I would like to share something with you that I think it would be helpful for you to know. I was out there on the first day when 30,000 plus people rode the Tide. There were twenty demonstrators there in opposition and they were literally swallowed up by the hundreds and several thousands of riders who came to ride the Tide. Now I do not have stock in the operation and I am not here to promote it from that angle but I would like for you to know something that I did do. The Norfolk Environmental Commission, of which I am a member, handed out cards, thank you for choosing to ride the Tide. That card was not only a thank you, but it also discussed briefly but factually the importance of light rail and the contribution that it could make to reducing greenhouse gasses and to help deal with our carbon footprint here in the eastern part of Virginia. I want you to know that I had an opportunity to not only ride and hand out cards, but I had an opportunity to discuss with people why they were there, what they were interested in and I am sure that Mrs. Henley already knows that the people from Virginia Beach who rode the Tide, one of the first things they asked me, when are we going to get it in Virginia Beach and I politely told them well there is a group in Virginia Beach that is working on it and maybe sometime in the not too distant future we will see that. The other thing that struck me was there were many, many people who came not only for the historical reasons and perspective, but they were people who were interested in well what would it be like. Was it quick? Was it clean? Was it safe? And they also brought their children and their grandchildren because they wanted them to see a glimpse into the future. That is what they told me. And so it was a two week, wonderful experience with lots of information that was gathered, and I do have some of the cards that I will be happy to pass around to you. I will leave them at the Chairman's desk and perhaps they will find their way around the table. Thank you, Mr. Chairman

(Commissioner E. Ward arrives)

APPROVAL/MODIFICATION OF AGENDA

Chairman Clark stated there was one modification to the agenda. Item #13, HR Green Program Briefing will not be presented today. He asked if there were any more changes to the agenda. Hearing none, he asked for a motion to approve the agenda with the modification.

Commissioner Shepperd Moved to approve the agenda with the modification; seconded by Commissioner Garton. The Motion carried.

CONSENT AGENDA

The Consent Agenda contained the following Items:

Minutes of July 21, 2011 Quarterly Commission Meeting

Treasurer's Reports

Regional Reviews

A. PNRS Items Reviews

FY 2011 Drinking Water State Revolving Fund Program – Safe Drinking Water Act – Virginia Department of Health

FY 2011 Water Quality Management Planning Program – Virginia Department of Environmental Quality

FY 2012 -2014 Wetland Monitoring and Assessment Strategy - Virginia Department of Environmental Quality

Community-Based Participatory Research Approach to Understanding and Reducing Risks from Toxic Pollutant Exposure in the SE Community of Newport News – The Greater Southeast Development Corporation

Whale Migration Corridors for MSP - Virginia Department of Environmental Quality

Shoreline Management Planning and Inventory - Virginia Department of Environmental Quality

B. Environmental Impact Assessment/Statement Review

Commercial Wind Lease Issuance and Site Characterization Activities on the Atlantic Outer Continental Shelf Offshore – DOI/Bureau of Ocean Energy Management

Tylers Beach Federal Navigation Project - USACE

Major Unit Modification of the Southampton Power Station, PUE 2011-00075 – State Corporation Commission

Install Transformer at York River Pier, Coast Guard Training Center, Yorktown – DHS/U.S. Coast Guard

Expansion of Range Instruction Building, Coast Guard Training Center Yorktown – DHS/ U.S. Coast Guard

Naval Special Warfare Development Group 900-Yd Firing Platform, Naval Air Station Annex – DOD/ Department of the Navy

Cove Point Re-Export Project, Dominion Cove Point LNG, LP – DOE/Federal Energy Regulatory Commission

New Fraternity Housing – Sites 3 and 8 – College of William and Mary

Property Disposal for Marine Animal Care Center – DOD/U.S. Navy

Heritage Forest Phase II – U.S. Department of Housing and Urban Development

Hidden-Hussey Commons Expansion – Christopher Newport University

Coastal Zone Management Program – Sea Level Rise Grant Proposal/Water Quality Grant Proposal

FY 2009 – 2010 Annual Report to the Department of Housing and Community Development

Regional Sustainability Program Memorandum of Understanding

Chairman Clark asked for a motion to approve the Consent Agenda.

Commissioner Shepperd Moved to approve the Consent Agenda; seconded by Commissioner Garton. The Motion carried.

(Mayor Wright arrives)

REGIONAL SOLID WASTE MANAGEMENT PLAN

Chairman Clark introduced Mr. John Carlock to present the Regional Solid Waste Management Plan.

Mr. Carlock stated the Regional Solid Waste Management Plan for Southeastern Virginia includes eight cities and counties as well as the eight towns in Isle of Wight and Southampton County that are part of Southeastern Public Service Authority (SPSA) service area and includes both public and private facilities. The Peninsula communities are covered by a similar plan that is developed by the Virginia Peninsulas Public Service Authority, and the Central Virginia Waste Management Authority covers all the localities in the Crater PDC; Surry County is covered in that particular plan.

Mr. Carlock stated he would briefly review the state requirements, give the history on how HRPDC arrived to this point, the content of the plan and the next steps. The state code and regulations in the late 1980s required that every city, county, town or designated regional agency working on their behalf prepare a comprehensive integrated solid waste management plan that covers public and private facilities. There is a requirement that HRPDC maintain the plan, update and review it on a five-year schedule, and each of these entities achieves a mandated recycling rate of 25%.

After July 1, 2007, the regulations indicate that no permit for a sanitary landfill, incinerator or a waste to energy facility will be issued until the solid waste planning unit has an approved solid waste management plan that has been approved by the state and those permits need to be consistent with the regional plan.

Mr. Carlock stated to meet the requirements as a region, HRPDC decided in 1989 and 1991 to prepare a Regional Solid Waste Management Plan. In 2005 with the plan amendment; HRPDC was designated as the regional agency and SPSA was designated management. The agreement with the communities at that time, SPSA was designated as the regional planning agency and HRPDC contracted with SPSA to do the work. Since that time, there have been several plan amendments. SPSA, as part of its changes in their system and process, believes they should no longer do the planning and asked that the designation of the regional agency move back to the HRPDC.

In March 2010 the Commission agreed with the designation changes and the HRPDC is in the process of making those changes. SPSA also contracted with HRPDC to prepare the Solid Waste Plan, and HRPDC contracted with SCS Engineers to provide some assistance. The Technical Committee has reviewed the Plan and based on their recommendations, HRPDC moved forward with a public hearing in August 2011. The public hearing is a required step in the process. The plan review includes the existing solid waste management system, special waste, household hazardous waste, tires, appliances, future of solid waste management, what is needed to meet the region's needs, recycling (which includes the public participation component which is a required element), an implementation plan and an amendment process. Once the plan is approved and a new agency designated, there will be plan amendments on a regular basis of about every six months.

The plan follows EPA and the state requirements for waste management; the preferred solution is source reduction. HRPDC focus is on recycling, resource recovery and landfill and other less desirable approaches to waste management. As a region, the Southside has met the state recycling minimum of 25% on a routine basis. They have fallen somewhat below the state-wide average for 2010. The total percentage of recycling fell to slightly less than 32%. One of the things that the plan includes is how to improve the experience with recycling. The plan itself does not include new facilities or recommendations for new facilities, it defers to the 2018 and beyond study that HRPDC is presently managing for the localities and SPSA. HRPDC is expected to provide the localities the information they need to make a decisions on what to do after 2018 in the next couple of months.

Mr. Carlock stated the regional HR Clean program is trying to educate the public to improve and increase the amount of recycling which is carried out in the region. There has been trouble with industry primarily in their reporting, and part of HRPDC effort over the coming year is to increase outreach to the industry and commercial sectors to get their numbers up to help the region. HRPDC is looking at the development of a web-based reporting system similar to what we have for stormwater and wastewater to make it easier for people to report their recycling.

Mr. Carlock stated the recommended actions today are to approve the Regional Solid Waste Management Plan, recommend the plan to SPSA for adoption and, submit the plan with public participation documentation and re-designation package to DEQ for their approval.

Chairman Clark asked for questions.

Commissioner Shepperd asked for clarification as to whether this recycling information should come to the HRPDC and if so what would the HRPDC do with the information.

Mr. Carlock stated historically for recycling information a grocery store or large box store would report the information on an annual basis to SPSA and then SPSA would compile the information to demonstrate the effectiveness or what the percentage is that the region was recycling and report to DEQ on an annual basis. As part of the change of the HRPDC being the planning agency we have been attempting to collect that information. HRPDC compiles the data and calculates to determine what amount of recycling has been done in the eight communities and then reports that to DEQ.

Commissioner Shepperd stated that understood that the municipalities, not just the governments, but the communities, are required to recycle approximately 25% of their recyclable garbage.

Mr. Carlock stated the 25% is achieved by a combination with the localities, the industry or commercial activities. A grocery store does not enter into the local government recycling business. The stores breakdown their cardboard, bail it and ship it somewhere else. We can take that into account and get credit for it to achieve the 25%.

Commissioner Garton asked for the difference between recycling and resource recovery.

Mr. Carlock stated resource recovery is the type of processing plant that SPSA used over the years where they separate the materials at the plant, burn the combustible materials to produce steam and electricity for the Shipyard.

Chairman Clark asked for a motion to approve the Regional Solid Waste Management Plan for Southeastern Virginia and recommend it to SPSA for adoption and submittal to Department of Environmental Quality for approval.

Commissioner Harrell Moved to approve the Regional Solid Waste Management Plan for Southeastern Virginia and recommend it to SPSA for adoption and submittal to Department of Environmental Quality for approval; seconded by Commissioner Spore. The Motion carried.

(Commissioner M. Jones arrives)

REGIONAL HOUSING PORTAL

Chairman Clark introduced Ms. Shernita Bethea to give an update on the Regional Housing Portal Initiative.

Ms. Bethea stated the objectives of the Regional Housing Portal is to identify all housing related services and programs in this region, and to look for ways to create a uniform database for housing providers as well as other consumers in our community and to take this information and identify any gaps in services as it relates to service areas in our region and create a regional web based portal that consumers and housing providers will have a one stop shop approach to locating much needed services in our community. We want to be able to look at what services are currently available that exist in our region and bring that information into one database. There are approximately 480 services and service types in our database at this time. The region has added services as well as deleted services just based on available funding, the clients served, as well as consumers.

Ms. Bethea stated when it comes to technological needs there will be financial needs as well. A lot of time has been spent looking and researching to see what our in-house capabilities are as it relates to the portal and what can be done in house that can save money and time. HRPDC is looking at software systems that already exist to see if we can build upon them without having to construct an entirely new product. Time was spent talking with software engineers and partners that HRPDC has worked with over the years to make sure they have a clear understanding that this particular tool is consumer and housing provider driven, as well as something on which to build upon later. There have been conversations with different universities and organizations across the nation that have similar portals in place. They gave us insight on things that HRPDC needs to be careful and cautious about when building a site of this magnitude.

HRPDC hopes to be able to utilize the HUD sustainability grant that is already in the process. Most of the goals, missions and initiatives of this particular grant closely match with what the portal is trying to do, which is to create a sustainable community and create products and services from which the entire region can benefit. HRPDC has already received a grant for \$4,500 from Housing Virginia which is a state nonprofit organization. They want to use the portal in other areas of the state; they came forward with the grant to help offset some of the costs in development of this site.

Ms. Bethea stated when looking at some of the feedback from the Regional Housing Portal Committee, the primary tool would be geared toward housing providers and case managers. With the reduction of staff in many organizations, the portal could greatly assist in increasing capacity and decreasing duplication of services. We also found that information referral and giving information to clients has been one of those services where there is a gap. Fully integrating a one stop shop approach and no wrong door was paramount when talking with housing providers. When utilizing the gap analysis, most of the jurisdictions and most of our partners believe this tool could be very beneficial when writing grants and looking to bring in additional funding and sources into their organization.

Ms. Bethea stated when HRPDC met with community partners, it was stressed the site needs to be clear, easy to navigate and the services and programs needed are prominently displayed. Going forth with the development of the housing site, we want to be able to look

at the site as it relates to the four key components of housing services for renters, persons that are in danger of becoming homeless, are already homeless, trouble with existing homeowners as well as home buyers, potential renters, potential people that is homeless are looking towards homeownership or other type of housing issues.

Some of the other future tools that the housing committees and partners want to make sure they are added into the portal are affordability tools, income tools, information about predatory lending and make sure that fair housing is incorporated within our web site, and all homeowners and renters understand their rights and the federal and state laws as they relates to fair housing. The beginning stages of the portal is being able to use it for housing providers and housing consumers then build upon other tools and other capabilities as funding and years progress.

Ms. Bethea stated in conclusion the HRPDC is in the beginning stages of developing the framework for the gap analysis. We want to make sure we are looking at the gap analysis from a regional perspective and break it down as it relates to service types, local services and local programs. Securing financial funding at this point is about one third of the way from building the web site that will give us all the capabilities we need and be totally functional with all the services and GIS functions we are hoping to have in the tool. As stated earlier, the completion of this on-line web tool is contingent on being able to gather the financial funding and move forward with the project.

Commissioner Franklin asked about the actual projected cost.

Ms. Bethea stated an estimate that HRPDC has been given to get started and functional is approximately \$14,000 to \$15,000.

Chairman Clark thanked Ms. Bethea for her presentation.

(Commissioner Woodard arrives)

CHESAPEAKE BAY TOTAL MAXIMUM DAILY LOAD (TMDL)

Chairman Clark introduced Ms. Whitney Katchmark to give an update on the Chesapeake Bay Total Maximum Daily Load (TMDL)

Ms. Katchmark stated she would be giving an update on the Bay TMDL requirements, progress and the next step. The two tier approach dealing with Phase II Watershed Implementation Plan is working well and the localities have established teams to look at this issue for each city and county.

HRPDC has a Regional Steering Committee that has been meeting once a month. The steering committee and local teams are focused on meeting two deadlines. In October, the state will be provided with updated land use data and the existing BMPs. February 2012 the state needs to be provided with how we will meet the 2017 and the 2025 target loads.

Ms. Katchmark stated the Steering Committee has been focusing on three different tasks. The tasks are communicating with the state and EPA; working with Chesapeake Bay Program to expand nutrient control menu; and with correspondence to the Department of Conservation and Recreation (DCR). The focus is trying to understand the model, how we can get credit in the model and questions and concerns about the modeling data. There has been regional representation attending meetings for the Chesapeake Bay Program where policy decisions are being made. HRPDC is working with DCR and drafted an extensive letter to Ms. Joan Salvati, Division Director of DCR, about some of the things that have come out of those discussions. The State is not estimating phosphorus reductions associated with the fertilizer ban which means the localities do not have as much to do so HRPDC would like to quantify that; an example is the localities cannot get credit for urban tree planting that is not intended for land conversion.

The Regional Steering Committee is working on identifying the land that is controlled by federal and state agencies and industrial stormwater permit holders. If we can figure out how much land is under those entities then those nutrient reductions can be handled by them instead of the localities. DEQ is to help HRPDC identify all the industrial permit holders, which is about 200 in the region. HRPDC has contacted VDOT to see how much land they control. VDOT does not know the amount of right-of-way on all their roads. HRPDC staff will make assumptions and estimate that area and share with all the localities.

Ms. Katchmark stated the Regional Steering Committee is looking at legislative proposals that will make the TMDL easier to implement such as septic tanks. The TMDL requires localities to reduce the number of septic tanks or upgrade septic tanks to alternative systems which remove more nitrogen which is rather expensive - about \$30,000 apiece. The Steering Committee felt there was no way to get this done, short of paying for homeowners to make these upgrades, or to switch to sewer lines and most localities do not have that kind of funding. A subcommittee was developed from the Steering Committee that will look at other ideas to make this work better and ask the state to provide some sort of mandate, some leverage, and also some funding, or better solutions to implement that goal.

Ms. Katchmark stated the next step in the planning process for the localities is to see how much has to get done. First, quantify the nutrient loads based on your local data and calculate the gap between existing loads and target load. Once localities know what the gap is then next is an interim process to look at how much credit localities can get for different ideas or projects. The goal of this process is to see what are feasible and cost effective solutions for the locality.

The EPA revised the model this summer and HRPDC wanted them to do that; but the state had some questions about whether or not that revision made sense and whether or not it is accurate; so the state is holding up the data because they want it to be right. The state indicated they would give us a tool that would quantify the nutrient reductions or the credit localities would get for different projects. HRPDC decided to look for another alternative as well. HRPDC created a spreadsheet where localities can do an interim process, which is on our website, which gives localities a chance to come up with different ideas and projects to see how much credit they would get for each one.

Ms. Katchmark stated the last topic she wanted to go over is how other localities around the state are dealing with this Phase II WIP process. There are few urban localities (basically Richmond and Northern Virginia) that are not fiercely working to get all this data because they are ahead and they have a lot of their data organized. Those areas are thinking in terms of the February deadline. They have a proposal the committee will be sharing with our Regional Steering Committee in October. Instead of submitting what projects localities would need to do to meet the TMDL requirements, but also show how many of those projects localities can do with their existing funding, with stormwater fees or taxes. Another tier is how much localities could do if they really pushed and stretched to see how close they are to meeting the full requirements. Most of the bay watershed is rural communities are in a little different situation than us. Most of their requirements are doing nutrient reductions on agricultural lands. From a local government perspective they are not sure how to get that done. They don't have a permit that would enforce that and are not sure what their obligations are.

Ms. Katchmark indicated the reason she pointed this out is because around the state people are approaching this differently and some of them being a little slower to get on board and we are not necessarily in the same situation. This process is beneficial because HRPDC is in the planning stage. HRPDC is not trying to make final commitments on what localities are going to do, but figure out what is feasible. In order to move forward on any decisions, we need to know more specifically how difficult it will be and how costly, and what is feasible within the time line that we have been given. If HRPDC finds out it is too demanding, we will have those details to negotiate a more realistic alternative.

Chairman Clark asked for questions.

Commissioner Shepperd stated Ms. Katchmark indicated that the state has not released to the localities the land use and the localities did not have their targets, but he was told by York Chief Engineers they had theirs. What targets are you talking about?

Ms. Katchmark stated the targets are being revised. The localities have model 5.2 instead of 5.2.3. The targets will change because the targets are tied to land use and HRPDC likes the final targets.

Chairman Clark stated the targets are moving targets.

Ms. Katchmark stated unfortunately yes.

Commissioner Shepperd stated one of the things he was concerned about was York County has spent millions, up to \$21 million, for sewer treatments and York County would have to go and buy the sewer systems. What is the difference between what you are talking about and York County establishing a hook up to the HRSD.

Ms. Katchmark stated they looking at how many septic tanks York County has and, the discharge from septic tanks contributes to pollution in the bay. EPA wants York to get more people to abandon their septic tanks and hook up to sewer. The locality may offer

that service, and how you get more people to hook up is of the same issue, or the other alternative is to get a better sewer septic tank.

Commissioner Shepperd stated the implications of what Ms. Katchmark is saying is that we are not doing something like that and we already are doing it through enterprise fund, and, where we go in and prioritize the sewer connections based upon the impact on environment. Is that not being calculated because what I am getting to is if we are spending all this money and are waiting for this TMDL hammer to fall on us, what are we going to do to get credit for this work?

Ms. Katchmark stated definitely localities can get credit because all they have to show is that localities have reduced the number of people on septic tanks, they are now hooked up to HRSD and a lot of times the states data is inaccurate. This is our chance in the planning process and submitting data to show this is what we have done - this is how many septic tanks are left and this is how many we foresee getting hooked up to sewer based on existing programs. You definitely get credit for that. It is a good thing if you already have those in place.

Commissioner Shepperd asked how do localities get credit for this because if it is a moving target and our TMDLs are constantly moving and when does the credit start?

Ms. Katchmark stated the answer is 2005, that part has not moved.

Commissioner Shepperd stated Ms. Katchmark indicated the localities were in the same position they were the last time they were briefed in the sense that we are supposed to have this approved by the end of this year because we are going into 2016 right? The 60% is supposed to be done and we are still flailing because EPA and DEQ seem to be incapable of figuring out what they really want us to do.

Ms. Katchmark acknowledged it is frustrating that some of the things are changing. Localities can continue to do some of the planning processes. She did not think it was helpful for all to stop doing everything because we do not have the answer that we want; but at some point localities can only get so far until EPA gives them the framework with which to comply. Virginia wants to make this right; they have objectives to make sure that what the localities do is clean up the bay, and make sure that the work is technically accurate and done well. But the delays are sort of the cost of that, EPA has not changed their mind, most of the holdups are Virginia's actions.

Commissioner Goodson asked about the base lines because some of the communities have been proactive for 10 to 15 years on these issues and are not going to get credit for anything, and also 2005 is inflexible will that be the base line date for the TMDL initiative.

Ms. Katchmark said HRPDC has tried to make sure it is understood how EPA approached this and how they divided the nutrient reductions that are required based on the land use. This is to locality's benefit and HRPDC wants to make sure this is what the state is doing. For example, one hundred acres of urban area had to do a 20% reduction, and if it turns out

localities have been doing all of these things for last 10 to 15 years, then localities get to count that towards the 20% reduction; you do get credit.

Commissioner Goodson asked that localities do get credit.

Ms. Katchmark stated HRPDC was told that, but wants to make sure because that is not what they wrote in the Phase I Watershed Implementation Plan.

Commissioner Goodson stated he had not heard that until today.

Ms. Katchmark stated HRPDC is pushing to make sure they can get documentation on this because it is a little difficult to get the input files that show those assumptions.

Commissioner Goodson stated it was important to James City and he hoped HRPDC will work diligently on that.

Chairman Clark thanked Ms. Katchmark.

APPOINTMENT HRPDC 2010-2011 NOMINATING COMMITTEE

The Chairman appointed a Nominating Committee to bring a slate of names to the HRPDC Annual Meeting on October 20, 2011, for the Chairman, Vice Chairman, Treasurer and Secretary as well as each government's representative for the Executive Committee.

Chairman Clark stated the Nominating Committee vacancies needed a elected official, the following were asked to represent: Mr. Cheatham, Franklin; Mayor Wright, Portsmouth; Mayor Hunt, Poquoson.

Commissioner Shepperd Moved to add Mr. Cheatham, Franklin; Mayor Wright, Portsmouth, Mayor Hunt, Poquoson to the Nominating Committee; seconded by Commissioner Haulman. The Motion carried.

HRPDC ACTION ITEMS: THREE MONTH TENTATIVE SCHEDULE

No questions or comments were noted.

PROJECT STATUS REPORTS

No questions or comments were noted.

CORRESPONDENCE OF INTEREST

No questions or comments were noted.

FOR YOUR INFORMATION

No questions or comments were noted.

OLD/NEW BUSINESS

No questions or comments were noted.

ADJOURNMENT

With no further business to come before the Hampton Roads Planning District Commission, the meeting adjourned at 10:20 a.m.

Stan D. Clark
Chairman

Dwight L. Farmer
Executive Director/Secretary

AGENDA NOTE - HRPDC ANNUAL COMMISSION MEETING

ITEM #7: TREASURER'S REPORT

**FISCAL YEAR 2012
9/30/2011
BALANCE SHEET**

ASSETS		LIABILITIES & NET ASSETS	
Cash & Cash Equivalents	638,838	Current Liabilities	1,088,179
Accounts Receivables	742,412	Net Assets	4,882,745
Investments	3,237,657		
Other Current Assets	664		
Net Capital Assets	<u>1,351,353</u>		
Total Assets	<u>5,970,924</u>	Total Liabilities & Equity	<u>5,970,924</u>

STATEMENT OF REVENUES AND EXPENDITURES

REVENUES	Annual Budget	Current Month	YTD
Grant and Contract Revenue	6,967,682	724,011	808,016
VDHCD State Allocation	151,943	37,985	37,985
Interest Income	15,000	148	1,629
Local Jurisdiction Contributions	1,362,766	-	341,297
Other Local Assessment	1,696,891	-	357,247
Sales and Miscellaneous Revenue	551,150	4,165	9,753
Special Contracts	1,723,517	-	-
Total Revenue	<u>12,468,949</u>	<u>766,309</u>	<u>1,555,927</u>
EXPENDITURES			
Personnel	4,334,115	376,153	1,000,911
Standard Contracts	215,905	37,690	55,046
Special Contracts / Pass-Through	7,147,491	253,199	536,446
Office Services	771,438	45,210	131,667
Capital Assets		-	-
Total Expenses	<u>12,468,949</u>	<u>712,251</u>	<u>1,724,070</u>
Agency Balance	<u>-</u>	<u>54,058</u>	<u>(168,143)</u>

AGENDA NOTE - HRPDC ANNUAL COMMISSION MEETING

ITEM #8: 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. Attached is a listing and summary of projects that are presently under review. There are no outstanding comments as of October 11, 2011 on this project.

Attachment 8A - 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. Attached is a listing and summary of projects that are presently under review.

Attachment 8B – Environmental Impact Assessment/Statement Review

Project Notification and Reviews

Date 9/26/2011 **CH #** VA120916-0723740

Title DHCD Industrial Revitalization Fund Application

Applicant Portsmouth Redevelopment and Housing Authority

State/Federal Program Virginia Department of Housing and Community Development

Type of Impact Portsmouth

Project Staff Sara Kidd

Project Description

The requested grant money will assist in funding the rehabilitation of a vacant commercial property at 3116 South St. to serve as the future administrative headquarters of the Portsmouth Redevelopment and Housing Authority.

Federal	\$0.00	Local	\$823,966.00
Applicant	\$0.00	Other	\$0.00
State	\$600,000.00	Income	\$0.00
TOTAL		\$1,423,966.00	

Environmental Impact Reviews

Received 9/8/2011

Number 11-160F

Name Airfield Clear Zone Management Plan, Naval Auxiliary Landing Field Fentress

Sponsor DOD/U.S. Navy

Description

The Department of the Navy (Navy) proposes to establish an Airfield Clear Zone Management Plan for Naval Auxiliary Landing Field (NALF) Fentress in the City of Chesapeake. Clear zone management plans principally address vegetation management in the Airfield Operations Area (AOA) boundaries which is the "airside" infrastructure and airspace of an airfield including the runway complex, the taxiways and ramp area, and overlying airspace both on and off the airfield property. Implementation of the management plan would include the use of manual, mechanical, and herbicide vegetation control methods, depending on the type and density of the vegetation and as permitted by applicable regulations. The Navy 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 Chesapeake

Finding

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

Comments Sent 10/6/2011

Final State Comments Received

Received 9/19/2011

Number 11-163F

Name Oil, Gas, & Sulphur Operations in the Outer Continental Shelf - Revisions to Safety & Enviro

Sponsor DOI/BOEMRE

Description

The Department of the Interior (DOI), Bureau of Ocean Energy Management, Regulation and Enforcement (BOEMRE), is seeking comments on revisions to a proposed rule for oil, gas and sulphur operations in the Outer Continental Shelf (OCS). This rulemaking proposes to amend BOEMRE regulations to require operators to develop and implement additional provisions in their Safety and Environmental Management Systems (SEMS) programs for oil, gas, and sulphur operations in the Outer Continental Shelf (OCS). These revisions pertain to developing and implementing stop work authority and ultimate work authority, requiring employee participation in the development and implementation of SEMS programs, and establishing requirements for reporting unsafe working conditions. In addition, this proposed rule requires independent third parties to conduct audits of operators' SEMS programs and establishes further requirements relating to conducting job safety analysis (JSA) for activities identified in an operator's SEMS program. DEQ is circulating this request for comments among resource agencies. Comments must be submitted to BOEMRE by November 14, 2011.

Affected Localities HRPDC

Finding

Comments Sent

Final State Comments Received

Received 9/19/2011

Number 11-162F

Name Force Structure Changes at Langley Air Force Base

Sponsor DOD/U.S. Air Force

Description

The U.S. Air Force (USAF) intends to increase the number of F-22A aircraft currently assigned to Langley Air Force Base (AFB) by adding six additional F-22A aircraft to the 1st Fighter Wing (1 FW), and stand up a T-38A aircraft detachment of 14 training aircraft within the 1st Fighter Wing (1 FW). The purpose of the proposed force structure changes of F-22 and T-38A aircraft at Langley AFB would be to provide additional Air Force capabilities at a strategic location to meet mission responsibilities for worldwide deployment. The increase of six F-22 aircraft and beddown of up to fourteen T-38A aircraft would provide enhanced capabilities while efficiently using Langley AFB facilities. Existing facilities at Langley AFB can accommodate the additional aircraft and personnel associated with the proposed force structure changes. Therefore, Langley would not require construction of any new facilities. However, Langley may install aircraft arresting equipment at the ends of the runway for T-38A aircraft. No airspace modifications are proposed for the additional F-22A or T-38A aircraft.

Affected Localities Hampton

Finding

The proposal appears to be consistent with local and regional plans and policies. The draft environmental assessment incorporates the issues that we previously identified in our communications with U.S. Air Force Headquarters Air Combat Command.

Comments Sent 10/4/2011

Final State Comments Received

Received 9/23/2011

Number 11-165F

Name Princess Anne Nursing Home

Sponsor U.S. Department of Housing and Urban Development

Description

The Department of Housing and Urban Development (HUD) proposes to provide mortgage insurance under the Multifamily Accelerated Processing (MAP) Program to Medical Facilities of America to finance construction of the proposed Princess Anne Nursing Home in the City of Virginia Beach. The HUD MAP Program is a national "fast track" processing system for the Federal Housing Administration (FHA) multifamily mortgage insurance programs. The 5.53-acre property is located on a currently vacant parcel, just west of Princess Anne Road (Route 165) and south of Landstown Road.

Development of the site will include a 75,000 square foot slab-on-grade one-story building housing 120 licensed beds, surrounded by 106 parking spaces, with trees and grassy areas along the boundaries. Utilities on the site will include public water and sewer lines, electricity, telephone, and television cable lines. 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 Virginia Beach

Finding

Comments Sent

Final State Comments Received

AGENDA NOTE – HRPDC ANNUAL COMMISSION MEETING

ITEM #9: GRANT APPLICATION – DEPARTMENT OF HOUSING AND COMMUNITY DEVELOPMENT 2011-12 VIRGINIA HOME DOWN PAYMENT ASSISTANCE (DPA) PROGRAM

SUBJECT:

The HRPDC staff will submit a grant application to continue the Hampton Roads Loan Fund Partnership program.

BACKGROUND:

The Virginia Department of Housing and Community Development (DHCD) recently announced the opening of its application period for the HOME Down Payment Assistance (DPA) program for FY 2011-2012. This year, the total amount available for this program is \$1.5 million. DPA funding is made available through a two-year funding cycle based on a one-year, renewable commitment that is subject to availability of funds and performance. New and previously awarded agencies may request a maximum amount of \$150,000. Applications are due on October 21, 2011.

Grant Amount: \$150,000

Period of Performance: July 1, 2011 through June 30, 2012

General Scope of Work: Since 1996, the Hampton Roads Planning District Commission (HRPDC) has served as regional administrator for the Hampton Roads Loan Fund Partnership (HRLFP). HRPDC staff works through a partnership of local homeownership programs and counseling agencies to administer the funding to qualified buyers. The HRLFP, the first regional service delivery organization of its kind in Hampton Roads, includes local government, housing authorities, nonprofit housing organizations, and private lenders. To date, \$6.7 million in DHCD down payment and closing cost assistance has been administered through this program.

RECOMMENDED ACTION:

Authorize the Executive Director to submit the grant application and accept a grant award if offered.

AGENDA NOTE – HRPDC ANNUAL COMMISSION MEETING

ITEM #10: CONTRACT AMENDMENT – HAZARD MITIGATION PROGRAM

SUBJECT:

Authorize the execution for the option of a no-cost extension to the existing contract with Salter's Creek Consulting Inc. to provide continued hazard mitigation planning support.

BACKGROUND:

Currently, Salter's Creek Consulting Inc., in coordination with the HRPDC, is providing consulting services for the Southside Hazard Mitigation Plan, City of Franklin All-Hazards Mitigation Plan, and Southampton County All-Hazards Mitigation plan updates. Each plan is required to be updated every five (5) years to remain eligible for certain grant funds and disaster assistance as specified by the Federal Emergency Management Agency.

Contract Amount: No cost extension

Period of Performance: December 31, 2011 to December 31, 2012

RECOMMENDED ACTION:

Authorize the Executive Director to execute the option of a no-cost extension to the existing contract with Salter's Creek Consulting Inc. to provide continued hazard mitigation planning support.

AGENDA NOTE – HRPDC ANNUAL COMMISSION MEETING

ITEM #11: CONTRACT AMENDMENT - URBAN AREA SECURITY INITIATIVE CONTRACT FOR ANALYTICAL TECHNICAL SUPPORT

SUBJECT:

As the UASI program continues to grow and expand, management and maximization of UASI funds becomes increasingly challenging. To mitigate these challenges, the HRPDC staff and analysts from the Old Dominion University Virginia Modeling, Analysis, and Simulation Center have partnered to create a project database. The goal of the UASI database is to provide HRPDC staff and stakeholders with a consolidated tool to view and track project goals, progress, sustainment costs and a quantifiable measure of how much projects have bought down risk in Hampton Roads. Creating this database will cost an additional \$25,000 from UASI funds.

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.

In April 2011, the HRPDC Board authorized the Executive Director to execute a contract with the Old Dominion University Virginia Modeling, Analysis, and Simulation Center for analytical support for the Urban Area Security Initiative. The contract entails analytical support for the HRPDC and Urban Area Working Group in sustainment solutions, project selection models for future grants, and solutions for increased resiliency in homeland security planning.

Contract Amount: \$25,000

Period of Performance: October 1, 2011 – September 30, 2012

RECOMMENDED ACTION:

Authorize the Executive Director to execute an amendment to the contract with Old Dominion University Virginia Modeling, Analysis, and Simulation Center for analytical support for the Urban Area Security Initiative to provide for the creation of a UASI database.

AGENDA NOTE - HRPDC ANNUAL COMMISSION MEETING

ITEM #12: REGIONAL STORMWATER COOPERATION REPORT

SUBJECT:

The HRPDC staff has completed the annual Regional Cooperation in Stormwater Management report for FY 2010-2011.

BACKGROUND:

Enclosed is the report, Regional Cooperation in Stormwater Management Fiscal Year 2010 – 2011 A Status Report. This report is prepared annually by the HRPDC staff, in cooperation with the Regional Stormwater Management Committee, to document cooperative regional activities undertaken to support the local stormwater programs. The permitted localities include this report in their Annual Reports to the Virginia Department of Conservation and Recreation (DCR). Copies of the report, along with technical reports on the stormwater education and effectiveness indicators programs, were provided to the localities on October 1, 2011. Twelve of the sixteen localities are covered by the stormwater permit program and file this report with DCR as part of their Annual Reporting.

The Regional Stormwater Management Committee reviewed the report at its September 28, 2011, meeting. The HRPDC staff recommends that the Commission approve the report.

Enclosure - Separate

RECOMMENDED ACTION:

Approve the Regional Cooperation in Stormwater Management Fiscal Year 2010 – 2011 report.

AGENDA NOTE – HRPDC ANNUAL COMMISSION MEETING

ITEM #13: FY 2011 AUDIT REPORT

SUBJECT:

The FY 2011 Audit Report has been completed.

BACKGROUND:

Dixon Hughes Goodman LLC has completed its annual review of the FY 2011 financial statements of the HRPDC and has given the HRPDC an Unqualified Opinion. There were no material weaknesses or deficiencies in any of the internal controls or processes of the HRPDC financial activity, and all information was free of any material misstatements.

HRPDC Chief Financial Officer, Nancy Collins, will brief the Commission on the audit. Both Ms. Collins and Ms. Leslie Roberts, representing the audit firm, will be available to address any questions the Commission may have.

Enclosure - Separate - FY 2011 Audit Report

RECOMMENDED ACTION:

Accept the Audit Report.

AGENDA NOTE – HRPDC ANNUAL COMMISSION MEETING

ITEM #14: HR GREEN PROGRAM BRIEFING

SUBJECT:

The new HR Green Campaign has been initiated and the website, www.askHRgreen.org, is now live.

BACKGROUND:

The regional environmental education committees (HR WET, HR STORM, HR FOG, and HR CLEAN) have been working together on more cohesive messages under the umbrella brand of HR Green. To date, they have conducted regional social marketing research and message testing, developed social media tools including a regional blog, Facebook, Twitter, and YouTube accounts, and launched a new website: www.askHRgreen.org.

Ms. Julia Hillegass, HRPDC's Public Information and Community Affairs Administrator, will brief the Commission on the launch of the new HR Green Campaign and website.

RECOMMENDED ACTION:

This briefing is provided for background informational purposes and provides the HRPDC Board members the opportunity to provide staff with comments and/or questions.

STAFF COMMENTARY:

The HRPDC staff provided an overview of the research results at the May 19, 2011 HRPDC Executive Committee Meeting.

AGENDA NOTE – HRPDC ANNUAL COMMISSION MEETING

ITEM #15: RESOLUTION FOR PARTICIPATION IN THE 2012 GREAT AMERICAN CLEANUP KICKOFF EVENT

SUBJECT:

Resolution of the Hampton Roads Planning District Commission endorsing and encouraging widespread participation throughout all localities within the Hampton Roads Region in the 2012 Great American Cleanup Kickoff Event.

BACKGROUND:

Keep America Beautiful selected the Hampton Roads region, through the partnership of HR Green and Keep Virginia Beautiful (KVB), as one of the national kickoff locations for the annual Great American Cleanup, which marks the beginning of cleanup events in over 32,000 communities across the country and mobilizes over 3 million volunteers from March 1, 2012 to May 31, 2012.

The event will be held on a Friday and Saturday in late April or early May, 2012. The date will be finalized by the end of October. Every Hampton Roads locality, through the coordination of HR Green, will be invited to host and organize one or more “transformational” community improvement projects that will involve the engagement of 50 to 200 volunteers for a half day of work. Projects may include litter cleanups, park spruce ups, gateway beautifications, and wetland or tree plantings. Teams of volunteers will be recruited from local military commands, corporations and citizen groups. Members of local planning teams and volunteers will be invited to the “One Clean Nation, One Clean Region” celebratory rally on Friday evening at Town Point Park in Norfolk to be hosted by Keep Virginia Beautiful and corporate sponsors.

The role of HR Green is to lead the organization of cleanup projects and volunteers, and recruit members for the Honorary Planning Board. The Honorary Planning Board will serve to bolster regional involvement in the event. Based on discussions among HR GREEN and Keep Virginia Beautiful, it is recommended that the Governor and his wife be invited to serve as Co-Chairs of the Honorary Planning Board and that local government chief elected officials, and military facility commanding officers be invited to serve on the Honorary Planning Board. The timing of the Great American Cleanup Kickoff Event coincides with the traditional Spring Governor’s Stewardship Campaign.

The role of Keep Virginia Beautiful is to recruit corporate sponsors and manage donations, assist HR Green with recruiting volunteers and members for the Honorary Board, and lead the planning effort for the rally.

Ms. Julia B. Hillegass, HRPDC Public Information and Community Affairs Administrator will brief the Commission.

The HRPDC staff recommends that the Commission authorize the HRPDC Chairman to send appropriate letters of invitation to serve on the Honorary Planning Board as soon as the event date is finalized.

RECOMMENDED ACTION:

Adopt Resolution 2011 – 08 and authorize the Chairman to sign letters for the formation of the Honorary Planning Board.



**HAMPTON ROADS PLANNING DISTRICT COMMISSION
RESOLUTION 2011-08**

A RESOLUTION OF THE HAMPTON ROADS PLANNING DISTRICT COMMISSION ENDORSING AND ENCOURAGING WIDESPREAD PARTICIPATION THROUGHOUT ALL LOCALITIES WITHIN THE HAMPTON ROADS REGION IN THE 2012 GREAT AMERICAN CLEANUP KICKOFF EVENT.

WHEREAS, Hampton Roads is a Region of great beauty and natural treasures that should be preserved for all residents, tourists and future generations to enjoy; and

WHEREAS, each locality within Hampton Roads has a wealth of civic-minded citizens who are passionate about the safety and beauty of their neighborhoods, local parks, schools, and other public spaces; and

WHEREAS, the mission of the Great American Cleanup Kickoff Event is to engage individuals in environmental stewardship and the community improvement process because when people unite to clean up an illegal dump site, paint over graffiti defamed playgrounds, or plant community gardens, they see firsthand that the whole of the community is greater than the sum of its parts.

NOW THEREFORE BE IT RESOLVED, the Hampton Roads Planning District Commission encourages widespread community participation throughout all localities within the Hampton Roads Region in the 2012 Great American Cleanup Kickoff Event.

BE IT FURTHER RESOLVED, the Hampton Roads Planning District Commission desires that the Kickoff Event be the motivator and energizer for a successful community cleanup season that far surpasses any other year's participation level; and to remind everyone that keeping Hampton Roads beautiful is achieved through the everyday choices and actions of citizens.

PASSED AND APPROVED by the Hampton Roads Planning District Commission this 20th day of October, 2011.

Stan D. Clark
Chairman

Dwight L. Farmer
Executive Director/Secretary

MEMBER
JURISDICTIONS

October 20, 2011

CHESAPEAKE

The Honorable Governor Robert McDonnell and Mrs. Maureen McDonnell
Office of the Governor

FRANKLIN

Patrick Henry Building, 3rd Floor

1111 East Broad Street

GLOUCESTER

Richmond, Virginia 23219

HAMPTON

Dear Governor McDonnell and Mrs. McDonnell:

ISLE OF WIGHT

In September 2011, the Hampton Roads region, through the Hampton Roads Planning District Commission's local government environmental education partnership, HR Green, was selected by Keep America Beautiful as a national kickoff location for the annual "Great American Cleanup", which marks the beginning of cleanup events in over 32,000 communities across the country and mobilizes over 3 million volunteers. Through a partnership with Keep Virginia Beautiful and our strong local community improvement programs, I am sure you will recognize this as a unique opportunity for every municipality in our region to participate in a meaningful way.

JAMES CITY

NEWPORT NEWS

NORFOLK

POQUOSON

The HRPDC, on behalf of HR Green and Keep Virginia Beautiful invites you to serve as Co-Chairs on the event's Honorary Board. We are inviting the Mayors, County Board Chairs and military commanding officers in the region to serve on the Honorary Board. It is our hope that your support as the Co-Chairs will generate statewide recognition of the event and encourage the citizens of Hampton Roads to take an active part in keeping their region beautiful.

PORTSMOUTH

SOUTHAMPTON

SUFFOLK

The event will be held **xxx - xxx**, 2012. Every Hampton Roads locality, through the coordination of HR Green, will be invited to host and organize one or more "transformational" community improvement projects that will involve the engagement of 50 to 200 volunteers for a half day of work. Projects may include litter cleanups, park spruce ups, gateway beautifications, and wetland or tree plantings. Teams of volunteers will be recruited from locally based military commands, corporations and citizen groups. Members of local planning teams, volunteers and members of the Honorary Board will be invited to our "One Clean Nation, One Clean Region" celebratory rally on Friday evening, **xxx**, at Town Point Park in Norfolk to be hosted by Keep Virginia Beautiful and our corporate sponsors.

SURRY

VIRGINIA BEACH

WILLIAMSBURG

YORK

Page 2
October 20, 2011

We hope you can join our effort for this important event which will bring national exposure for our region. We are proud to be the host of such a prestigious national kickoff event and our goal is to make Hampton Roads the benchmark for years to come.

Thank you in advance for your consideration and your support.

Sincerely,

Stan D. Clark
Chairman

Copy: Michael G. Baum, Executive Director – Keep Virginia Beautiful

AGENDA NOTE – HRPDC ANNUAL COMMISSION MEETING

ITEM #16: CHESAPEAKE BAY TOTAL MAXIMUM DAILY LOAD (TMDL)

SUBJECT:

Hampton Roads Planning District Commission (HRPDC) requests a response from EPA and Virginia's Secretary of Natural Resources regarding load allocations in the Chesapeake Bay TMDL and Phase I Watershed Implementation Plan (WIP).

BACKGROUND:

In the March 31, 2011 letter to the EPA (attached), HRPDC requested that individual Waste Load Allocations for the localities with Phase I MS4 permits be removed from the TMDL. HRPDC has not received a response resolving this issue. Virginia's Secretary of Natural Resources has sent correspondence to the EPA (attached) stating that the model "is not appropriate for use in assigning loads in permits, developing local load targets, or measuring reduction progress." This position supports HRPDC's request for the Waste Load Allocations to be removed from the TMDL. The Secretary's proposed "Path Forward" (attached) recommends additional model revisions, a shift in focus from local target loads to maintaining implementation levels, and a deadline of June 1, 2012 for interim Phase II WIPs.

Whitney Katchmark, Principal Water Resources Engineer, will provide a presentation summarizing strategies for localities to consider in the next few months in light of the unresolved issues between Virginia and EPA.

Attachments:

- A. Draft letter to EPA from HRPDC
- B. March 31, 2011 letter to EPA from HRPDC
- C. September 28, 2011 letter and Path Forward from Virginia Secretary of Natural Resources to EPA

RECOMMENDED ACTION:

Approve draft letter from the Commission requesting the EPA remove the individual Waste Load Allocations for the Phase I MS4 permits (Hampton, Newport News, Chesapeake, Norfolk, Portsmouth, and Virginia Beach) from the Chesapeake Bay TMDL.

DRAFT

October 20, 2011

MEMBER JURISDICTIONS

CHESAPEAKE

FRANKLIN

GLOUCESTER

HAMPTON

ISLE OF WIGHT

JAMES CITY

NEWPORT NEWS

NORFOLK

POQUOSON

PORTSMOUTH

SOUTHAMPTON

SUFFOLK

SURRY

VIRGINIA BEACH

WILLIAMSBURG

YORK

Mr. Jeffrey Corbin, Senior Advisor
Office of the Administrator
U.S. Environmental Protection Agency
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington, D.C. 20004
Corbin.jeffrey@epamail.epa.gov

Re: Waste Load Allocations in the Chesapeake Bay TMDL

Dear Mr. Corbin:

Thank you for your July 8, 2011 letter and responses to the Commission's questions. We greatly appreciate the time and effort that you and your EPA colleagues devoted to preparing the responses.

As you know, the Commission is particularly concerned about the individual Waste Load Allocations (WLAs) for the Virginia Phase I MS4s because they are based on inaccurate data and has asked that they be removed from the Chesapeake Bay TMDL. Your responses to Questions 1 and 2 indicated that EPA would work with the state to respond to our request that these be removed from the TMDL. Although you stated during our March 31, 2011 Commission meeting that EPA was close to resolving this issue, we have heard nothing since receiving your letter.

The Commission would appreciate knowing whether EPA has decided to remove the individual WLAs for the Virginia Phase I MS4s from the Bay TMDL, and if not, when you expect this issue to be resolved. Further, if EPA has decided not to remove the individual WLAs, we would appreciate an explanation for that decision. We ask that EPA respond within 30 days of the date of this letter.

I look forward to receiving EPA's response, and please do not hesitate to contact the Commission's Deputy Executive Director, John Carlock at 757.420.8300 or at jcarlock@hrpdcva.gov if you wish to discuss this matter further.

Sincerely,

Stan D. Clark
Chairman

Copy: Anthony Moore, Assistant Secretary Chesapeake Bay Restoration
Office of the Secretary of Natural Resources
David A. Johnson, Director, Virginia Department of Conservation and Recreation
Dwight L. Farmer, Executive Director, HR Planning District Commission
John M. Carlock, Deputy Executive Director, HR Planning District Commission

MEMBER JURISDICTIONS

March 31, 2011

CHESAPEAKE

Mr. Jeffrey Corbin
Senior Advisor to the Administrator
U.S. Environmental Protection Agency, Region III
Ariel Rios Building
1200 Pennsylvania Avenue, NW
Washington, DC 20460
Corbin.jeffrey@epamail.epa.gov

FRANKLIN

GLOUCESTER

HAMPTON

RE: Chesapeake Bay TMDLs

ISLE OF WIGHT

Dear Mr. Corbin:

JAMES CITY

Thank you for attending the March 31, 2011 special meeting of the Commission's Executive Committee and for presenting EPA's perspective on the Chesapeake Bay Total Maximum Daily Loads (TMDL).

NEWPORT NEWS

NORFOLK

POQUOSON

PORTSMOUTH

SOUTHAMPTON

SUFFOLK

SURRY

VIRGINIA BEACH

As you know from recent reports in the media, the Commission has been evaluating the potential impacts of the TMDL on its member localities that operate Municipal Separate Storm Sewer Systems (MS4s) together with legal options for addressing any flaws in the TMDL that could cause adverse socio-economic impacts on the Hampton Roads region without providing any meaningful water quality benefit. Based on that evaluation, we have concluded that there are legitimate reasons to be concerned about the potential impacts of certain aspects of the TMDL. Those concerns, however, largely reflect uncertainty about the outcome of the Phase II Watershed Implementation Plan (WIP) process now underway as well as EPA's intentions with respect to the way in which the Hampton Roads region's MS4 permits must be written to be consistent with the assumptions and requirements of the TMDL. Therefore, the Commission wishes to know EPA's answers to the following questions so that we can make the best informed assessment of the TMDL's likely impact on the region's MS4 localities. The Commission has decided to defer further consideration of its legal options pending receipt of EPA's response.

WILLIAMSBURG

To put the questions in context, the Commission wishes to make clear that it and its member MS4 localities are supportive of the TMDL's goals as reflected in their ongoing commitment of significant resources to implementation of the

YORK

Hampton Roads region's MS4 programs. No other region of Virginia has a greater stake in a clean Bay than Hampton Roads, and as stated in the Commission's comments on the draft TMDL, the region's MS4 localities are prepared to commit more money and resources to their storm water programs where needed to help restore the Chesapeake Bay and protect the James and York rivers. However, the Commission and its member MS4 localities believe that a clean Bay can be attained without wasting scarce resources or exposing the MS4 localities to enforcement actions for failing to achieve unrealistic and unattainable TMDL-derived compliance obligations. Unfortunately, it appears that these may well be the consequences of several flaws in the TMDL as reflected in the following issues of greatest concern to the Commission and the MS4 localities. I want to emphasize that the Commission and the MS4 localities believe the TMDL is flawed in other respects, but they are most concerned with the following issues because they are likely to have the greatest impact on the MS4 localities.

I. Issues of Greatest Concern

A. Land Use Data Used to Derive the MS4 WLAs

The waste load allocations (WLAs) in the TMDL are based on land use data, specifically the amount of impervious area within the locality. An analysis of representative Geographic Information System (GIS) land use data shows that the satellite imagery used by EPA for its land use inputs to the watershed model underestimates the extent of imperviousness in the Hampton Roads region by an average of approximately 48 percent. Locally developed imperviousness data is more accurate than the satellite imagery relied on by EPA, but EPA did not take the time to work with the Hampton Roads' localities to collect this information and use it in the model. EPA has acknowledged that the land use data used to develop the TMDL is inaccurate and has stated that it plans to develop revised load reduction estimates based on revised imperviousness data. However, we understand that EPA intends to continue using satellite imagery rather than local GIS data.

The implications of underestimated imperviousness are significant because it means that the Hampton Roads localities, including those with MS4 permits, will have to reduce their urban runoff loads based on modeling data which assumes that they are less impervious than they actually are. In other words, the urban land area that will have to be treated in order to attain the WLAs would be greater than the land area assumed in the TMDL. This has potentially serious implications for not only the ultimate cost of compliance, but also the ability of the MS4 localities to achieve their WLAs by the TMDL's 2025 deadline.

B. Establishment of Individual WLAs for the Hampton Roads Phase I MS4s

EPA should not have included individual WLAs for Virginia's Phase I MS4 localities (including the six Phase I MS4 localities in Hampton Roads) in the final TMDL. The individual WLAs were not included in the draft TMDL, so there was no notice of or opportunity to comment on the WLAs before they were established in violation of the Administrative Procedures Act. We are also troubled by the fact that Virginia's Phase I MS4s were singled out for individual WLAs as well as EPA's failure to provide any justification for adding the individual WLAs or explanation of how they were derived.

As you know, EPA and the Bay states agreed that not enough information was available during the TMDL development process to generate individual WLAs for MS4s, and therefore, agreed to defer dividing aggregate point source targets to a finer scale until the Phase II WIP process. Accordingly, we suspect that the individual WLAs are based on the same inaccurate land use data that was used to derive the proposed aggregate WLAs in the draft TMDL, but we have no way of knowing whether this is, in fact, the case or whether other errors are built into the WLAs because EPA has not explained how the individual WLAs were derived. In particular, we strongly suspect that the individual WLAs for Total Suspended Solids (TSS) are inaccurate because in addition to the use of inaccurate land use data, the TSS WLAs were derived using a model that EPA has acknowledged could not be calibrated for sediment.

The potential consequences are far reaching because the Phase I MS4 localities would be at significant risk of federal, state, and citizen enforcement for failure to comply with their permits if EPA proceeds with TMDL implementation using individual Phase I MS4 WLAs derived from erroneous land use data.

C. 2025 Deadline

As explained in the Commission's comments on the draft TMDL, we do not believe EPA has the authority to establish a deadline in the TMDL. MS4s are uniquely affected by the 2025 deadline because they are regulated as point sources, but face far greater implementation challenges than any other source sector, point or non-point. The MS4 WLAs will require widespread implementation of storm water retrofits on private property in a heavily urbanized region. The MS4 localities could implement these retrofits cost effectively through their land use approval process as redevelopment occurs, but the 2025 deadline will make it impossible for the MS4s to achieve their WLAs in this fashion because the average rate at which land is redeveloped will

not allow it. Instead, the MS4 localities will be forced to not only install and operate storm water retrofits on private property, but also to acquire retrofit easements by purchase or condemnation. Again, the potential consequences are far reaching. Aside from the cost, easement acquisition takes time, making it highly unlikely that the MS4s could achieve their WLAs by 2025, thereby exposing them to federal, state, and citizen enforcement despite their best efforts to comply.

II. Questions for EPA.

While the Commission and the MS4 localities believe their concerns are well founded, they wish to hear from EPA. Therefore, it will be greatly appreciated if EPA will answer the following questions.

A. Hampton Roads MS4 WLAs

1. Why does the final TMDL include individual WLAs for the Phase I MS4s in Virginia, but not the Phase I MS4s in the other Bay states?
2. Why weren't the individual WLAs included in the draft TMDL?
3. How did EPA derive the individual WLAs for the Hampton Roads Phase I MS4s?
 - i. What MS4 boundaries were used?
 - ii. Did the WLA calculations for the Phase I MS4s include areas in the Phase I boundaries that are covered by other permits held by private companies, the state, or federal agencies?
4. Is EPA prepared to work with the Hampton Roads localities during the Phase II WIP process to ensure that the urban runoff WLAs reflect the most accurate land use data available, including the available GIS data?
5. Under what circumstances will EPA modify the WLAs at the conclusion of the Phase II WIP process?

Specifically:

- a. The EPA has agreed to run the Bay model with revised land use data in 2011. Will the WLAs be revised if the WLAs increase for some Phase I MS4s?

- b. Why were Total Suspended Solids (TSS) WLAs included in the TMDL given EPA's acknowledgement that the Bay model could not be calibrated for sediment?
 - c. Does EPA intend to distribute any of the 9.5 percent TSS load reserve in the James River Basin or the 9.2 percent TSS load reserve in the York River Basin to Hampton Roads MS4s as part of the Phase II WIP process?
 - d. Can all of the MS4 sector WLAs be revised as part of the Phase II WIP process if the basin allocations are met?
6. How can the Hampton Roads region follow the Phase II WIP process when the Department of Conservation and Recreation (DCR) has already started writing permits based on the individual Phase I MS4 WLAs? EPA's Phase II WIP Fact Sheet states as follows:
- “EPA expects the Bay jurisdictions to develop Phase II WIPs that further divide final nonpoint source and aggregate point source target loads for the 92 303(d) segment drainage areas using a finer geographic scale such as counties, conservation districts, sub-watersheds, or, where appropriate, individual sources or facilities. EPA expects the local targets to be used for planning purposes and does not intend to establish local targets as separate allocations within the Bay TMDL.”
7. The Hampton Roads localities are already investing in programs that will reduce nutrient loads. Existing EPA documentation indicates that the localities cannot count these programs as efforts to meet the TMDL. How can localities get credit for investments that reduce Sanitary Sewer Overflows (SSOs)? Implementing no discharge zones for boats? Increasing oyster restoration?
 8. Will EPA count nutrient load reductions from non-structural BMPs like nutrient management and the fertilizer ban as MS4 reductions or treat them as nonpoint source reductions?
 9. Virginia's BMP efficiencies and EPA's model BMP efficiencies are not equivalent. Will EPA defer to Virginia's BMP efficiencies to assess compliance?

B. 2025 Deadline

1. Will EPA expect DCR to include compliance schedules designed to meet the applicable WLAs by the 2025 deadline in the Phase I MS4 permits when they are reissued and in the Phase II MS4 general permit when it is reissued?
2. NPDES (MS4) permits will be the enforcement tool to implement TMDL-based storm water nutrient reductions. NPDES storm water permits are based on the "maximum extent practicable" (MEP) standard. The evaluation of the MEP standard includes technical and economic achievability. Will the EPA consider adjusting the timeline for storm water load reductions in the TMDL if the existing timeline is not reasonably achievable?

We ask that EPA respond to the questions in writing within 30 days of the date of this letter. Should EPA choose not to answer the questions, we would appreciate knowing that as well within the next 30 days. EPA's responses to the questions may well lead to additional questions so it would be helpful to arrange a meeting as soon as possible to discuss the questions and answers before EPA responds in writing.

Thank you for your consideration of this request and we look forward to hearing from you at the earliest opportunity. Please contact the Commission's Deputy Executive Director, John Carlock at 757.420.8300 or at jcarlock@hrpdcva.gov if you wish to discuss this matter further.

Sincerely,



Stan D. Clark
Chairman

copy: Douglas Domenech, Secretary of Natural Resources
Anthony Moore, Assistant Secretary for Chesapeake Bay Restoration
David A. Johnson, Director, Virginia Department of Conservation and Recreation
David K. Paylor, Director, Virginia Department of Environmental Quality
Hampton Roads General Assembly Delegation
HRPDC Commissioners
Dwight L. Farmer, Executive Director, Hampton Roads Planning District Commission
John M. Carlock, Deputy Executive Director, Hampton Roads Planning District Commission
David E. Evans, McGuireWoods, LLP



COMMONWEALTH of VIRGINIA

Office of the Governor

Doug Domenech
Secretary of Natural Resources

September 28, 2011

Mr. Shawn Garvin
Regional Administrator
U.S. Environmental Protection Agency
1650 Arch Street
Philadelphia, PA 19103-2029

Dear Mr. Garvin:

The purpose of this letter is to follow-up on our discussions concerning the reduced accuracy of the Phase 5.3.2 Watershed Model. Virginia's concerns echo those you received last July from the Commonwealth of Pennsylvania.

Virginia remains committed to do our share of the watershed wide effort to restore the Chesapeake Bay. We will continue to implement practices that reduce nutrient and sediment pollution as outlined in the Virginia Watershed Implementation Plan and will dedicated millions of dollars to the effort this year. Unfortunately, as explained below, we have discovered that the model contains inexplicable inaccuracies that must be corrected. The current watershed model is undermining the credibility of our collective efforts. Virginia proposes several adjustments to the current process so the clean-up efforts can stay on track and continue moving forward.

Virginia has significant concerns with several aspects of the Phase 5.3.2 Watershed Model. As explained in our presentation to you on September 16th (see attached), the most notable problem exists with the lack of adequate nutrient reduction credit applied to nutrient management plans. This is a problem not only in Virginia but covers numerous counties across the entire Bay watershed as illustrated on slide 4 in the presentation. This serious shortcoming alone renders one of our most effective and commonly used BMPs useless in meeting nutrient reduction goals.

We have found that the model, as currently constructed, is not appropriate for use in assigning loads in permits, developing local load targets, or measuring reduction progress. It is especially not appropriate for imposing any consequences. Attempting to use the model in these ways negatively impacts our planning for the Phase II WIP, along with the credibility of the EPA, and of most concern, exposes Virginia to potential litigation. We ask for your help to resolve these matters through what we believe are reasonable steps.

Attachment 16C

We are aware that modeling of a watershed as large and complex as the Chesapeake Bay is a monumental task. The current model may be an adequate tool for predicting overall pollution loadings on a watershed basis. However, as we demonstrated in our discussion and presentation on September 16th, and the Maryland presentation sent by Jim Edwards on September 12, when used on a local government level outrageous anomalies occur in the model that are inconsistent with current scientific knowledge.

As a consequence of these discussions, we have developed the attached "Path Forward" document that outlines needed changes and adjusts the schedule. A commitment from EPA to correct these concerns is needed as a precursor to continued Phase II WIP planning efforts.

It is clear that the model, as currently constructed, is not capable of producing meaningful, realistic loading targets for use at the local level and that our time is better spent working with local governments on implementation of the suite of practices described in our Phase I WIP or equivalent measures. Our modified approach to meet our commitments for Phase II and the 2012-2013 Milestones is also described in the attached "Path Forward" document.

Virginia is ready to move forward with the Phase II planning process and development of milestones. However, recognition from EPA of the current problems and limitations of the model, along with a commitment to work together to address them will be key to our success.

I look forward to further discussions on our proposed path forward.

Sincerely,


Doug Domenech

cc: Jeff Corbin, Senior Advisor to the Administrator for Chesapeake Bay and Anacostia River
Jim Edwards, Deputy Director, Chesapeake Bay Program

Path Forward

Proposed Approach for Phase II WIP Development

9/21/11

Three-Track Approach to Implement Phase I WIPs and develop Phase II WIPs

Overview:

- The Chesapeake Bay jurisdictions have expressed serious concerns about using 5.3.2 watershed model output for localities nutrient and sediment reduction targets under the framework of the Chesapeake Bay TMDL and the approved Phase I Watershed Implementation Plans (WIP).
- While useful as a planning and evaluation tool at the watershed scale, the model was not constructed for use at the local scale and its output raises serious questions and concerns among state agencies and our local partners.
- Anomalies present in the output are difficult to explain and in many ways do not represent the “real world” of local watershed management and water quality planning and implementation.
- In order to ensure that these identified issues do not divert attention from the more important task of implementation of the Phase I WIPs and meeting associated TMDL targets, the following approach is proposed that would result in model revisions and ongoing implementation using Phase I WIP practices as the basis for the Phase II WIPs.

The following tracks are proposed to take place simultaneously:

Track 1

EPA continues to work on correcting identified model issues so that it can be used with greater confidence in setting local (sub-segment shed) target loads for N, P and S. The following steps are recommended:

- Holistic review of the following issues:
 - How to model Agricultural Nutrient Management (efficiency or Land Use Change)
 - Calculation of nutrient rates on acres not under nutrient management
 - Load reductions associated with application of nutrient management plans
 - Changes in manure routing preferences through time
 - Amount and nutrient content of poultry manure
 - Biosolids application (include all states or exclude all states)
 - Regional factors due to Phase 5.3.2. Watershed Model calibration

- Submitted versus credited BMPs
- BMP stacking (Urban and Continuous No-till)
- Modify Scenario Builder code
- Test Model to determine if modifications produce expected results.
- Re-calibrate watershed model
- Run scenarios
- Review outputs to evaluate other concerns and check for unintended consequences
- Upon agreement by EPA and the jurisdictions, use refined model to establish loading targets at the local level.

Track 2

States develop Phase II WIPs based upon the existing practices identified in the Phase I WIP/TMDL input deck and submit these interim plans to EPA by June 1, 2012. These plans will focus on achieving the 2017 goals.

- Continue current local engagement efforts to collect improved land use, BMP implementation and local implementation strategies as the Phase II WIP is developed. Local engagement efforts will shift focus from meeting local target loads to maintaining implementation levels consistent with the Phase I WIPs.
- The Phase II WIP would provide a mix of BMPs at the segment-shed level.
- States refine the interim BMP targets once the model is deemed sufficient to assign target loads and corresponding levels of BMP implementation needed at the local level as part of the next milestone cycle or the Phase III WIP development.

Track 3

States develop 2012-2013 Milestone implementation actions and strategies and submit these plans to EPA in accordance with the current schedule.

AGENDA NOTE - HRPDC ANNUAL COMMISSION MEETING

ITEM #17: NOMINATING COMMITTEE REPORT/ELECTION OF OFFICERS

SUBJECT:

The HRPDC Bylaws provide that, at its Annual Meeting, the Hampton Roads Planning District Commission will elect a Chair, Vice-Chair, Secretary and Treasurer and recognize the local jurisdiction appointments to the Executive Committee.

BACKGROUND:

Mr. Thomas G. Shepperd, Jr., Chair of the Nominating Committee will present the report of the Nominating Committee for the names of those recommended for Chair, Vice Chair, Secretary and Treasurer as well as those recommended for appointment to the Executive Committee by their local governments.

The Nominating Committee Members include:

Thomas G. Shepperd, Jr. (YK)	Thomas Smigiel (NO)
Ella P. Ward (CH)	W. Eugene Hunt, Jr. (PQ)
Barry Cheatham (FR)	Kenneth Wright (PO)
Gregory Woodard (GL)	Anita T. Felts (SH)
Ross A. Kearney II (HA)	Linda T. Johnson (SU)
Stan D. Clark (IW)	John M. Seward (SY)
Bruce C. Goodson (JC)	Louis R. Jones (VB)
Sharon Scott (NN)	Clyde Haulman(WM)

The Chair and Vice Chair must come from separate Subdivisions and be elected officials. The offices of Treasurer and Secretary shall be elected for a term of one year or until their successors are elected or until they resign or are removed from office. The Chair and Vice Chair shall be elected for two one-year terms or until their successors are elected or until they resign or are removed from office. Both the Chair and Vice-Chair are eligible for re-election. The offices of Secretary and Treasurer must be voted on an annual basis but need not be elected officials and may succeed themselves.

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.

The Executive Committee members include:

J. Randall Wheeler (PQ)	Molly Joseph Ward (HA)
Stan D. Clark (IW)	Bruce C. Goodson (JC)
Selena Cuffee-Glenn (SU)	Michael W. Johnson (SH)
June Fleming (FR)	Louis R. Jones (VB)
Paul D. Fraim (NO)	Alan P. Krasnoff (CH)
McKinley Price (NN)	James O. McReynolds (YK)
Tyrone W. Franklin (SY)	Kenneth Wright (PO)
Brenda G. Garton (GL)	Clyde A. Haulman (WM)

ELECTION OF OFFICERS

The Bylaws provide that election of officers shall be by voice vote, unless changed by a majority of those present. Each member of the Commission is entitled to one vote.

RECOMMENDED ACTION:

Elect a Chair, Vice Chair, Treasurer and Secretary for the next year and recognize the appointments of the local jurisdictions to the Executive Committee.

AGENDA NOTE- HRPDC ANNUAL COMMISSION MEETING

ITEM #18: HRPDC ACTION 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.

November 2011

Amendment 1 to FY 2012 Budget
Energy Demand and Production Forecast
Chesapeake Bay TMDL
SSO/Capacity Team Report

December 2011

Chesapeake Bay TMDL
Housing Program Update
Benchmarking Study
Hazard Mitigation Plans

January 2012

Regional Economic Forecast
Chesapeake Bay TMDL
UASI Program Briefing

AGENDA NOTE - HRPDC ANNUAL COMMISSION MEETING

ITEM #19: PROJECT STATUS REPORTS AND ADVISORY COMMITTEE SUMMARIES

A. DIRECTORS OF UTILITIES COMMITTEE SUMMARY MINUTES

The summary minutes of the September 7, 2011 and October 5, 2011 Directors of Utilities Committee Meetings are attached.

Attachment 19A

B. HAMPTON ROADS CHESAPEAKE BAY COMMITTEE AND REGIONAL STORMWATER MANAGEMENT COMMITTEE MINUTES

The summary minutes of the October 6, 2011 Hampton Roads Chesapeake Bay Committee and Regional Stormwater Management Committee Meeting are attached.

Attachment 19B

C. SUMMARY MINUTES OF THE CHESAPEAKE BAY TMDL STEERING COMMITTEE MEETING

The summary minutes of the October 6, 2011 Chesapeake Bay TMDL Steering Committee are attached.

Attachment 19C

D. PROJECT STATUS REPORT

Attached are status reports on other HRPDC programs.

Attachment 19D

MEETING SUMMARIES
DIRECTORS OF UTILITIES COMMITTEE
H2O – HELP TO OTHERS – PROGRAM BOARD OF DIRECTORS

A. Meetings of the H2O – Help to Others – Program Board of Directors and the Directors of Utilities Committee (September 2011):

The H2O – Help to Others – Program Board of Directors met on September 7, 2011. The following items were addressed at the meeting:

- The H2O Board of Directors voted in favor of entering into a formal partnership with the Salvation Army for program administration, outreach, and eligibility screening. The Board directed HRPDC staff to draft a Memorandum of Agreement (MOA) between the H2O Board of Directors, HRSD, HRPDC, and the Salvation Army. Staff was also directed to execute next steps for program support, advertisement, training, and kick-off activities.
- The Board discussed the program eligibility criteria and clarified specific items. The Board voted in favor of amending the program eligibility criteria document per the discussion. HRPDC staff will make the appropriate revisions.

The Directors of Utilities Committee met on September 7, 2011. The following items were addressed at the meeting:

- HRPDC staff provided an update on the UASI Water Supply Assessment and Emergency Response Training Project, including meetings planned for September and October 2011.
- The Committee discussed proposed changes to the criteria for local rehabilitation plans in the Special Order of Consent (SOC). The Committee agreed to pursue a proposed amendment to the Regional Technical Standards and the development of an MOA for regional private property infiltration and inflow abatement.
- HRPDC staff reports included updates on individual locality adoptions of the Regional Water Supply Plan and the forthcoming water and sewer rate and water use data call.
- The Committee agreed that informational presentations by consultants or guests sponsored by the Committee are to be scheduled prior to the regular Committee meeting.

B. Meeting of the Directors of Utilities Committee (October 2011):

The Directors of Utilities Committee met on October 5, 2011. The following item was addressed during the initial closed session portion of the meeting:

- The Directors of Utilities that are party to the Joint Defense Agreement discussed the status of Special Order of Consent (SOC) activities. Mr. Richard Stahr, Brown and Caldwell, provided a briefing on the schedule and potential cost of complying with the SOC. The Directors agreed to assess their local cost estimates and discuss funding strategies at the January meeting.

The following items were addressed during the public portion of the meeting:

- The Committee discussed participation in the State Water Control Board stakeholder group in advance of regulatory action regarding groundwater recharge with reclaimed water. Several localities will be participating individually. The Committee did not nominate a representative.
- HRPDC staff reports included updates on individual locality adoptions of the Regional Water Supply Plan, the distribution of the fiscal year 2011 water and sewer rate and water use data call, and the H2O Program.
- The Committee discussed potential agenda items for the December 7, 2011 Joint Meeting of the Directors of Utilities Committee and Health Directors. Suggestions included a briefing by the Department of Environmental Quality (DEQ) on the State Water Supply Plan Process, a discussion of regulations and guidance for rainwater harvesting, and a discussion of the Virginia Pollutant Discharge Elimination System (VPDES) Pesticide Discharges General Permit (VAG87).

MEETING SUMMARY
JOINT ENVIRONMENTAL COMMITTEE

The Joint Environmental Committee met on October 6, 2011. The following items were discussed.

- Ms. Fran Geissler from James City County gave a brief presentation on the status of the Chesapeake Bay Watershed Nutrient Credit Exchange Program. Three options are currently being considered: a performance baseline, a practice-based baseline, and a practice-efficiency baseline.
- Mr. Frank Dukes from the University of Virginia's Institute for Environmental Negotiation gave a presentation on a potential dialogue that would address stormwater issues around the Elizabeth River, with potential participants including the Cities of Chesapeake, Norfolk, Portsmouth, and Virginia Beach, the U.S. Environmental Protection Agency, and other regional stakeholders.
- Ms. Jenny Tribo, HRPDC, updated the Committee on the status of the Chesapeake Bay TMDL Phase II Watershed Implementation Plan.
- HRPDC staff updated the Committee on items of interest from the September 28, 2011 Stormwater Subcommittee meeting.

MEETING OF THE REGIONAL STEERING COMMITTEE FOR THE CHESAPEAKE BAY PHASE II WATERSHED IMPLEMENTATION PLAN

The Regional Steering Committee for the Chesapeake Bay Phase II Watershed Implementation Plan met on October 6, 2011. The following items were addressed during the meeting:

- Michelle Virts, City of Richmond Stormwater Utility, provided a presentation on Richmond's stormwater credit program which offers customers credits toward stormwater fees for reducing stormwater runoff or improving the quality of the stormwater runoff from their property by installing "green practices." The Committee discussed applicability of such a program in Hampton Roads and issues associated with implementation of stormwater management practices on private property.
- HRPDC staff provided progress reports on activities to address priority issues identified at the August Committee meeting:
 - Summary and Status of Recent Grant Applications: HRPDC was awarded grant funds to support Phase II Watershed Implementation Plan (WIP) regional activities from the Coastal Zone Management 309 and Focal Area programs and from the Chesapeake Bay Small Watersheds Grants program. Staff summarized grant awards, projects, deliverables, and schedules. Grant proposals are available at <http://www.hrpdcva.gov/PEP/ChesBayTMDLInfo.asp>.
 - Status of Updating Urban Stormwater Best Management Practices (BMPs) in the Chesapeake Bay Watershed Model: Staff identified the BMPs that are being evaluated and are anticipated to be added to the Bay models by the end of the year. The Committee identified questions for HRPDC staff follow-up.
 - Creation of Regional Phase II WIP strategy templates: Staff described report outlines for the regional and local sections of the Phase II WIP plan and indicated that forthcoming guidance from DCR will be incorporated into the proposed structure. The Committee discussed whether each locality should submit 3 or more implementation scenarios instead of one scenario that meets the local targets. Many localities are concerned that funding will not be available to meet the local target so additional implementation scenarios would be submitted based on the current stormwater budgets and likely increases or decreases in the budget to illustrate several levels of implementation based on available funding.

- Status of VDOT/Industrial permit areas separation: HRPDC staff has applied two method of analysis as appropriate to identify areas that are under VDOT jurisdiction. This has been completed for ten localities. Staff requested that localities send any available parcel and right-of-way data to HRPDC to refine land area estimates. Staff is also working with DEQ to extract information from the agency's permit database to identify areas under industrial permits.
- Status of outreach materials for elected officials: HRPDC presented themes and key points for inclusion in public outreach messages to two target audiences: elected officials and the general public. The Committee's comments on key messages generally included the need for more basic information on the TMDL, the need for high-level problem statements, the need to connect the Phase II WIP and the TMDL with consequences, and the need to convey impending costs to the public. The Committee also indicated the need for consistency in campaigns geared toward different audiences. The group reiterated the need for more specific guidance from DCR and EPA. Correspondence with EPA: The Committee provided comments for incorporation into the draft letter to EPA regarding the inclusion of individual Waste Load Allocations for Phase I MS4s in the Chesapeake Bay TMDL.

PROJECT STATUS REPORTS

1. Regional Housing Program

Hampton Roads Loan Fund Partnership

The Department of Housing and Community Development (DHCD) extended the FY11 contract as it relates to the HOME grant for downpayment and closing cost assistance funding to local administrators for qualified first-time homebuyers. Staff has been working with regional partners to administer funding to localities that are currently out of funding as well as other jurisdictions that use the HOME funding as their sole resource for downpayment and closing cost assistance. HRPDC staff is also in the process for applying for funding for FY12 which was recently announced.

Housing & Human Services Technical Assistance

Staff members are currently working with the Hampton Roads Housing Consortium and the planning of its Fifth Annual Housing Awards. The following regional housing providers were recently honored:

HRHC Lifetime Achievement Award - George Birdsong (Retired Board Chairman and Director of Suffolk Redevelopment and Housing Authority)

HRHC Housing Warrior - Habitat for Humanity Peninsula and Greater Williamsburg

HRHC Housing Partner - Housing Development Corporation of Hampton Roads

HRHC Across the Region Service Award - Housing Virginia

Staff members are also working with Housing Virginia to spotlight regional housing activities and programs in a special publication that will be released at the Virginia Governor's Housing Conference in November.

2. Regional Economics Program

Technical Assistance

Economics staff routinely provides technical assistance and support to member jurisdictions and regional organizations. Information from both the HRPDC Data Book and the Commission's Benchmarking Study provides easy access to a great deal of regional information. Over the past month, staff has responded to information requests from individuals, member localities, regional organizations, and the media.

Regional Competitiveness

The Hampton Roads Regional Competitiveness report was published in July, and since that time staff economists have given several presentations to local and regional organizations. Several more presentations and discussions have been planned.

Analysis of Energy Development Strategies

Staff is beginning work on an analysis of energy development strategies in Hampton Roads. At present, very little is commonly understood as to the ability for the region to capitalize on various forms of energy development. Staff will be collecting and compiling information on the region's capacity to develop energy and with research the potential economic benefits associated with energy development.

Hampton Roads Benchmarking Study

Each year staff compiles regional data on the economy, demographics, housing, transportation, and various quality of life indicators. This information is the basis for the Hampton Roads Benchmarking Study, a publication that is designed to provide the region's decision makers with information on all facets of the Hampton Roads region. Information is illustrated through charts and graphs and accompanied by a brief explanation about the purpose of the specific benchmark as well as the current condition. Staff has begun work on the 7th annual benchmarking report.

3. Emergency Management Project Update

Regional Emergency Management Technical Advisory Committee (REMTAC)

The Emergency Management staff continues to manage and support the Regional Emergency Management Technical Advisory Committee and their associated tasks and committees. Below is a summary of the meeting from September 27, 2011:

- The REMTAC Chair was confirmed as Mr. Jim Redick, the new Coordinator for Norfolk. Mr. Paul Long from York was nominated and elected as Vice Chair.
- Special Needs Subcommittee Progress: Ms. Sara Ruch (Hampton/SN Subcommittee Chair) led REMTAC in a discussion for approval of the revised Hampton Roads Special Needs Appendix Template: Medical Needs Registry Integration with WebEOC. It was unanimously approved.
- HRPDC Water Assessment Project Update: As part of the project, three sub-regional workshops have been scheduled with local emergency managers for the end of October.
- ICS Forms class: Ms. Donna Brehm (CRA/VDEM) asked for input on an upcoming forms class to be held by VDEM, due to expressed interest by Emergency Managers.

Debris Management

Activated regional contract status was posted on the secure Regional WebEOC by SPSA and VPPSA to aid in Irene recovery coordination.

Hampton Roads Tactical Regional Area Network (HRTacRAN)

HRPDC staff is working with Virginia Beach to begin HRTacRAN redundant system installation. Virginia Beach (as recipients of the FY08 UASI Communication award) received approval from DHS to modify the FY08 UASI grant to support HRTacRAN.

The intent was to utilize a preexisting contract. However, a contract to support this initiative could not be found requiring Virginia Beach to go out for bid. With the addition of the bid process, Virginia Beach does not have enough time to expend the funds before the end of the FY08 performance period (currently extended to February 29, 2012). HRPDC staff and Virginia Beach are exploring several options to utilize allocated FY08 UASI funds.

FY12 Healthcare Organization Emergency Preparedness Seminars (HOEPS)

The HOEPS committee met in September and further developed what aspects of recovery to focus upon. Several private facilities joined the planning team. Potential keynote speakers with evacuation and recovery experience of nursing facilities were identified.

Hazard Mitigation Planning

The HRPDC and Hazard Mitigation Planning Committee plan updates (for the Southside Hampton Roads Hazard Mitigation Plan, the Franklin Hazard Mitigation Plan and the Southampton Hazard Mitigation Plan) are on-going with the consultant. The City of Franklin, Southampton County, and Southside Hampton Roads Plans have been reviewed and approved by VDEM and are at FEMA Region III undergoing a review for final approval. Once they are approved by FEMA, the plans can be formally adopted.

The Emergency Management staff continues to work with the City of Hampton's Emergency Management Office (Project Manager) by providing support to update the Peninsula Hazard Mitigation plan when requested.

A website supporting this project for the staff, local agencies and public participation has been established: www.remtac.org/mitigation.

Regional Catastrophic Planning Grant Program (RCPGP) Support

The Emergency Management staff continues to support the Regional Catastrophic Planning Team (RCPT) to ensure existing projects and data is integrated. The initial grant for FY08 is now complete.

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). While the working group did not meet in September, HRPDC staff and UAWG leadership have been making preparation for the October meeting. As the extension to the FY08 performance period comes to end (February 1, 2012), the UAWG will make determinations as to funding reallocations based on previous performance.

WebEOC Implementation Update

Lessons learned from Hurricane Irene were discussed and submitted to the WebEOC Subcommittee for consideration. It was agreed the WebEOC Subcommittee

would develop a proposal on how to best utilize remaining earmarked FY08 UASI funds, with long-term sustainment in mind. Our Regional WebEOC Project Manager continues to work with VDEM to streamline local, regional and State WebEOC situation reports and other information sharing capabilities.

Hampton Roads Medical Special Needs

The Special Needs website and registry (www.hrspecialneeds.org) continues to be populated by/for citizens with special needs in Hampton Roads. The registry doubled in size in the week prior and after Irene (from 500 to over 1000). Public outreach is ongoing along with analysis of penetration, development of metrics, and targeting of identified gaps.

Multi-Region Target Capabilities Assessment (FY08 UASI Project)

The Emergency Management staff provides program management and implementation support for the Target Capabilities Assessment (TCA), through the UASI Grant program. The gap analysis for phase two is now complete. To complete this project, the Hampton Roads Homeland Security Strategy will be updated and adopted by October or November 2011.

Pet Sheltering Support (FY09 UASI Project)

Five of the seven trailers with pet sheltering supplies and equipment have been delivered to the region. The remaining two trailers will be delivered by the end of October.

Hampton Roads Critical Infrastructure Protection Program (HR CIPP)

HRPDC staff is working with the Office of Homeland Security and Veterans Affairs to reengage stakeholders and the HR CIPP working group.

4. Regional Solid Waste Plan

At the September 15, 2011 Executive Committee Meeting, the HRPDC approved the Regional Solid Waste Management Plan for Southeastern Virginia and recommended the Plan to the Southeastern Public Service Authority of Virginia (SPSA) for adoption. At its meeting on September 18, 2011, SPSA adopted the Plan. On October 4, 2011, the Plan was forwarded by HRPDC and SPSA to the Virginia Department of Environmental Quality for approval. Concurrently, the two agencies provided copies of the Plan and a sample letter to the sixteen cities, counties and towns in the SPSA service area with a recommendation that they request that DEQ re-designate the HRPDC as the solid waste planning agency for Southeastern Virginia.

5. Hampton Roads 2040

On October 6, 2011, the HRPDC staff submitted the proposal to the Department of Housing and Urban Development (HUD) for funding under the Sustainable

Communities Regional Planning Grant Program. HUD action on the proposal is expected during November 2011.

6. Hampton Roads Regional Water Supply Plan Update

Localities are in the process of adopting the Hampton Roads Regional Water Supply Plan to comply with the Department of Environmental Quality (DEQ) Local and Regional Water Supply Planning Regulation (9 VAC 25 780). HRPDC is compiling locality Plan adoption records and will submit the regional plan package to DEQ by the November 2, 2011 deadline.

HRPDC staff worked with localities for several years to develop the Hampton Roads Regional Water Supply Plan to address the planning regulations. On July 21, 2011, the HRPDC Executive Committee accepted the Plan as meeting the requirement of the HRPDC Unified Planning Work Program and approved the distribution of the Plan to local governments for adoption. Localities received the Plan in July and commenced local program adoption. As of October 7, 2011, 25 of the 27 Hampton Roads localities adopted the Plan. The remaining two localities are scheduled to act on the Plan on October 11, 2011.

7. HR Green - America Recycle Day - Electronics Recycling

HR Green, as part of the Keep America Beautiful Community eCycling Partnership with LG and Waste Management, will host two electronic recycling events on America Recycles Day, November 15, 2012 from 9:00 am to 3:00 pm for residents and businesses in Hampton Roads. The Peninsula location will be the York County Sports Complex, 4311 George Washington Memorial Highway, York. The Southside location will be The Gallery at Military Circle, 880 North Military Highway, Norfolk. Visitors are allowed to bring up to one pickup truck full of electronics. Paper shredding, plastic bag recycling and general recycling will also be available.

AGENDA NOTE - HRPDC ANNUAL COMMISSION MEETING

ITEM #20: CORRESPONDENCE OF INTEREST

- A. Letter from Mr. Dwight Farmer, HRPDC Executive Director, to Mr. Lewis Lawrence, Middle Peninsula PDC Acting Executive Director, September 30, 2011.**

Attached is a letter from HRPDC Executive Director Dwight Farmer to Mr. Lewis Lawrence, Middle Peninsula PDC Acting Executive Director, regarding the Chesapeake Bay Watershed Implementation Plan Phase II Planning Assistance – Grant Application.

Attachment 20A

- B. Letter to the Hampton Roads Planning District Committee, from Ms. Joanne Wright, Gloucester County Public Schools, Director of Budget & Finance, September 8, 2011.**

Attached is a letter from Ms. Joanne Wright, Gloucester County Public Schools, Director of Budget & Finance to the Hampton Roads Planning District Committee thanking the committee for the donation of science supplies for Page Middle School.

Attachment 20B

MEMBER JURISDICTIONS

September 30, 2011

CHESAPEAKE

Mr. Lewis L. Lawrence
Acting Executive Director
Middle Peninsula Planning District Commission
PO Box 286
Saluda, VA 23149

FRANKLIN

GLOUCESTER

RE: Chesapeake Bay Watershed Implementation Plan Phase II Planning Assistance – Grant Application
POW:Chesapeake Bay TMDL

HAMPTON

ISLE OF WIGHT

Dear Mr. Lawrence:

JAMES CITY

NEWPORT NEWS

The staff of the Hampton Roads Planning District Commission (HRPDC) wishes to express its support for the Chesapeake Bay Watershed Implementation Plan Phase II Planning Assistance joint application submitted on behalf of Virginia's Planning District Commissions. Through eight years of work together on the state's Coastal Zone Management Program, the eight Coastal PDCs have demonstrated the value of the PDC network to themselves and to the state in advancing a number of important initiatives, including support for the various Chesapeake Bay initiatives. This experience and value has been reinforced through the recent Chesapeake Bay land cover and population data review coordinated by the George Washington Regional Commission and the energy conservation work coordinated by the Northern Virginia Regional Commission.

NORFOLK

POQUOSON

PORTSMOUTH

SOUTHAMPTON

The HRPDC and other PDCs have worked to support their member localities as sources of information, critical data analysis, and technical assistance throughout the EPA-state effort to develop the Chesapeake Bay TMDL and Phase I Watershed Implementation Plan (WIP). We have also provided a forum for EPA and the Commonwealth to discuss these programs with both local elected officials and local staff.

SUFFOLK

SURRY

VIRGINIA BEACH

As you know, the HRPDC began earlier this year to lead an effort to develop input from Hampton Roads for the Phase II WIP. We determined early on in the process that the technical, research, policy analysis, and information sharing required to support this program exceeds existing HRPDC funding. As a result, we have sought additional grant funding for the effort.

WILLIAMSBURG

YORK

Mr. Lewis L. Lawrence
September 30, 2011
Page 2

To continue this important work to aid our member local governments' efforts to meet the TMDL and WIP requirements in a cost-effective manner, additional financial assistance is needed. Funding through this grant will assist the PDCs to conduct effective outreach and liaison activities; continue to act as a liaison between the localities, the state and, where appropriate, EPA; work with the localities and others to develop effective implementation strategies and assist in identifying best practices as implementation goes forward. We believe that the PDC network involved in developing the application and pursuing this project is a cost-effective use of the Commonwealth's resources in achieving the Chesapeake Bay Restoration Goals.

The staff of the Hampton Roads Planning District Commission welcomes the opportunity to collaborate with the other PDCs and hopes that the Department of Conservation and Recreation will favorably consider this regional approach and approve funding.

Sincerely,



Dwight L. Farmer
Executive Director/Secretary

JMC/kg



GLOUCESTER COUNTY PUBLIC SCHOOLS

6489 Main Street Building II
Gloucester, VA 23061

Joanne C. Wright, Director
Budget & Finance Department

Telephone: 804-693-7811
Fax: 804-693-7849

September 8, 2011

Hampton Roads Planning District Committee
723 Woodlake Drive
Chesapeake, VA 23320

Dear Committee Members:

On April 16, 2011, the Page Middle School facility sustained major damage from a category EF3 tornado. It was truly a blessing that this event did not occur on a school day and the division experienced no personal injury or loss of life. Property can always be replaced, but not our most precious resources, our students and staff.

We are humbled at the outpouring of support from the community both near and far and wish to express our appreciation for your support. Thank you for the donation of science supplies for Page Middle School.

This donation was presented to the School Board at its July 14, 2011 meeting.

It is further acknowledged that no goods or services were received in exchange for this donation.

Sincerely,

Joanne C. Wright
Director of Budget & Finance

JCW/nlc

RECEIVED

SEP 12 2011

HRPDC

Attachment 20B

AGENDA NOTE – HRPDC ANNUAL COMMISSION MEETING

ITEM #21: FOR YOUR INFORMATION

A. Chesapeake Bay Program

The U.S. Environmental Protection Agency (EPA) Chesapeake Bay Program and the National Fish and Wildlife Foundation announced the recipients of over \$10.9 million in grants for 55 environmental projects in the Chesapeake Bay Watershed's six states and the District of Columbia. The funding was awarded through the Chesapeake Bay Stewardship Fund via the Small Watershed Grants Program and the Chesapeake Bay Innovative Nutrient and Sediment Reduction Grants Program, both of which are administered by the National Fish and Wildlife Foundation. A copy of the "Backgrounder" prepared by the Chesapeake Bay Program, summarizing these projects is attached.

The HRPDC proposal to support the region's efforts to address the Chesapeake Bay TMDL and Watershed Implementation Plan is among the approved projects. This funding will support HRPDC staff technical analyses, facilitation of the Regional Chesapeake Bay TMDL Steering Committee and related activities.

Attachment 21A

B. Navy Region Mid-Atlantic Public Affairs Office

Commander, Navy Region Mid-Atlantic has released the fiscal year 2010 (Oct. 1, 2009 through Sept. 30, 2010) Department of the Navy impact statistical data for the Hampton Roads area. Total direct economic impact to the region saw a decrease of approximately \$1.4 billion, from \$14.9 billion in fiscal year 2009 to \$13.5 billion in fiscal year 2010. Total annual payroll (military and civilian) remained steady at \$8.2 billion. However, procurement expenditures decreased from approximately \$6.7 billion in FY09 to \$5.3 billion in FY10. A copy of the Navy's release of this data is attached.

The HRPDC staff summary of the report is shown below:

On September 15, 2011 the Commander, Navy Region Mid-Atlantic released the economic impact report for the Hampton Roads area. According to the release, the Navy had a direct economic impact of \$13.5 billion in 2010, down \$1.4 billion from 2009. Total active duty Navy employment was 82,463, approximately 80% of the region's active duty military. The Navy had 84 ships homeported in Hampton Roads and 36 aircraft squadrons. The Navy's annual payroll (military and civilian) was \$8.2 billion and Navy procurement was \$5.3 billion.

Economic Impact of the Navy					
Figures in Millions of 2010\$					
	2010	2009	2000	1 Year Change	10 Year Change
Active Duty Military Payroll	\$ 4,773	\$ 5,005	\$ 3,538	-4.6%	34.9%
Retired Military / Survivors Payroll	\$ 1,228	\$ 1,228	\$ 829	0.0%	48.1%
Civil Service Payroll	\$ 2,058	\$ 1,992	\$ 1,508	3.3%	36.5%
Non-Appropriated Funds	\$ 142	\$ 141	\$ 124	0.5%	14.7%
Total Annual Payroll	\$ 8,202	\$ 8,367	\$ 6,049	-2.0%	35.6%
Total Procurement	\$ 5,270	\$ 6,846	\$ 3,912	-23.0%	34.7%
Total Direct Economic Impact	\$ 13,472	\$ 15,213	\$ 9,960	-11.4%	35.3%

Sources: Commander, Navy Region Mid-Atlantic, Virginia Business 2002 Statistical Digest, HRPDC

A complete copy of the report is available at:

http://www.cnmc.navy.mil/navycni/groups/public/@cnrma/documents/document/cnicp_a269332.pdf

Attachment 21B

C. Skirt The Issue- Rising Above

In March, Virginia Sea Grant, through a joint effort with University of Virginia's Institute for Environmental Negotiation, the Hampton Roads Planning District Commission, the City of Virginia Beach, Wetlands Watch and Old Dominion University, held "listening sessions" in Virginia Beach. It was a chance for residents to voice their opinions on floods and reports of sea-levels rising. More than 100 residents participated. HRPDC Regional Planner Ben McFarlane briefed each of the listening sessions on the ongoing HRPDC studies of sea level rise and participated in a subsequent briefing to Virginia Beach City Council on the work. This effort was featured in a recent issue of Hampton Roads Magazine. A copy of the article is attached.

Attachment 21C



Backgrounder

410 Severn Avenue, Suite 109 · Annapolis, MD 21403

1 (800) YOUR BAY · www.chesapeakebay.net

SMALL WATERSHED GRANT (SWG) and INNOVATIVE NUTRIENT AND SEDIMENT (INSR) GRANT AWARDEES and PROJECTS

Fifty-five projects in the Chesapeake Bay watershed have received \$10.9 million in grants from the Chesapeake Bay Stewardship Fund, which is administered by the National Fish and Wildlife Foundation (NFWF).

The Small Watershed Grants (SWG) Program awarded \$2.8 million to 36 nonprofit organizations and local governments working to improve the condition of their local watersheds.

The Innovative Nutrient and Sediment Reduction (INSR) Grants Program awarded \$8.2 million to 19 innovative and cost-effective projects that dramatically reduce or eliminate the flow of nitrogen, phosphorus, and sediment pollution into local waterways and the Chesapeake Bay. Descriptions of each project, by grant and state, are below:

VIRGINIA PROJECTS

SMALL WATERSHED GRANTS

- The *Thomas Jefferson Planning District Commission* will use a \$50,000 grant to evaluate and revise current pollution reduction plans and develop strategies to implement the Virginia Watershed Implementation Plan at a local level. The project will promote collaboration between river basin commissions and local governments.
- *Lands and Waters* will use a \$43,994 grant to support its Vernal Pool Schoolyard Restoration Program, which engages Daniels Run Elementary and Lanier Middle School students in schoolyard conservation projects.
- The *City of Waynesboro, Virginia* will use a \$100,000 grant to enhance existing stormwater infrastructure, develop a stormwater education and cost-share program, and engage private landowners in installing rain barrels and rain gardens on their properties.
- The *Culpeper Soil and Water Conservation District* will use a \$28,405 grant to adapt the North Carolina Community Conservation Assistance Program for use in Virginia. The project will partner with fifteen central Virginia localities and the Virginia Master Gardeners.
- The *James River Association* will use a \$75,000 grant to encourage Lynchburg homeowners to disconnect their downspouts and install stormwater management structures such as rain barrels and rain gardens. The project will create a stewardship incentive program, in which participating homeowners can achieve certification and public recognition as "River Heroes".
- The *Center for Watershed Protection, Inc.* will use an \$80,000 grant to increase the tree canopy in urban, suburban, and rural sites in Clarke County, Virginia. Reforestation efforts will reduce runoff and nutrient pollution.
- The *Hampton Roads Planning District Commission* will use a \$50,000 grant to create a regional steering committee and local work groups that will establish meaningful stakeholder involvement in the Phase II Watershed Implementation Plan process.
- The *James City County Stormwater Division* will use a \$75,000 grant to expand the Turf Love program, which helps citizens create garden areas that reduce pollutant delivery to waterways. The project will increase the number of certified nutrient management plans and provide landowners with financial incentives to install rain gardens.

-over-

- The *Chesapeake Bay Foundation, Inc.* will use a \$150,000 grant to conduct community-wide watershed restoration, education, and conservation activities that will improve water quality in Upham Brook, an urban tributary of the Chickahominy River in Henrico County, Virginia. The project will rely on citizen engagement and will include volunteer opportunities, homeowner audits, and citizen water quality testing.

INSR GRANTS (Virginia cont'd)

- *Water Stewardship, Inc.* will use a \$600,000 grant to reduce nutrient pollution on farms in three regions of Virginia (Eastern Shore, Middle Peninsula, and Shenandoah Valley). The project will evaluate Water Stewardship's current program for meeting the targets outlined in Virginia's Watershed Implementation Plan.
- The *Elizabeth River Project* will use a \$301,900 grant to launch *RiverStar*, a behavior-change program that will engage homeowners in practices that will reduce nutrient and sediment pollution. The project will use yard flags, free technical assistance, an annual festival, and social marketing techniques to inspire homes to reduce fertilizer use, harvest rainwater, and install native plants.
- The *Virginia Polytechnic Institute and State University* will use a \$600,000 grant to implement on-farm technical assistance, financial assistance, and continuous improvement plans on dairy farms in the Shenandoah Valley. The project will reduce phosphorus pollution.

PENNSYLVANIA PROJECTS

SMALL WATERSHED GRANTS

- The *Trust for Tomorrow* will use a \$100,000 grant to provide technical assistance, education, and outreach to Juniata River watershed landowners interested in restoring wetlands through the Natural Resource Conservation Service Wetland Reserve Program.
- The *Centre County Conservation District* will use a \$75,000 grant to implement best management practices on seven farms listed as high priorities in Centre County's Chesapeake Bay Implementation Plan. The project will create forested riparian buffers, develop nutrient or manure management plans and install livestock fencing.
- The *Pennsylvania Institute for Conservation Education's Master Naturalist Program* will use a \$30,000 grant to educate and train citizens to be leaders in protecting, restoring, monitoring, and conserving natural resources in their communities.
- The *Brandywine Conservancy, Inc.* will use a \$93,285 grant to develop innovative pollution reduction models for 20 Chester County municipalities. The project will rely on public municipalities, as well as private landowners, to implement pollution reduction practices.
- The *Chiques Creek Watershed Alliance* will use a \$30,000 grant to restore a section of Chiques Creek adjacent to athletic fields. The project will reduce flood damage to the athletic complex and parking areas and educate the public about the importance of stormwater management.
- The *Lancaster County Conservation District* will use a \$37,500 grant to educate Plain Sect farmers on the importance of agricultural best management practices and provide them with tools to meet Pennsylvania agriculture regulations. The project will reduce nutrient runoff into surface and groundwater.
- The *Western Pennsylvania Conservancy* will use a \$100,000 grant to collect data on unassessed waters in Pennsylvania's Chesapeake Bay drainage. The project will identify at-risk streams supporting critical aquatic habitat and brook trout fisheries, and deter development allowances, including drilling permits, from being issued in these areas.
- The *Clearwater Conservancy of Central Pennsylvania, Inc.* will use a \$100,000 grant to restore impaired stream reaches and riparian habitats within the Spring, Spruce, Little Fishing, and Upper Penn's Creek watersheds.
- The *Little Juniata River Association* will use a \$71,900 grant to restore clean water and recover habitat by reducing stream-bank erosion and planting buffers in the Little Juniata River watershed.

INSR GRANTS (Pennsylvania cont'd)

- The *Pennsylvania State University* will use a \$700,000 grant to integrate feed, manure, and soil conservation best management practices on farms in the Upper Kishacoquillas Creek and West Branch Little Conestoga Creek watersheds.
- The *City of Lancaster* will use a \$200,000 grant to create a stormwater utility, the first in Pennsylvania's portion of the Chesapeake Bay watershed. The project will serve as a model for other Pennsylvania cities.
- The *Lancaster County Conservancy* will use a \$400,000 grant to assist municipalities and landowners in implementing cost-effective stormwater management practices. The project will embrace Lancaster County's agricultural heritage and will employ incentives for adapting stormwater management practices.

MARYLAND PROJECTS

SMALL WATERSHED GRANTS

- The *Pinchot Institute for Conservation* will use a \$30,000 grant to expand possibilities for forest mitigation under Maryland's Forest Conservation Act, which requires developers to replace cut trees or buy "credits" from private landowners who have planted trees. The project will identify strategies for connecting developers with private landowners.
- *Defenders of Wildlife* will use a \$50,000 grant to ensure the continued adaptability of ecologically significant coastal wetlands on Maryland's Eastern Shore. The project will map high priority land tracts, identify funding sources for land protection, and develop landowner incentives.
- The *Low Impact Development Center, Inc.* will use a \$120,000 grant to construct rain gardens along major transportation corridors in the Port Towns of Bladensburg, Colmar Manor, Cottage City, and Edmonston.
- *Chesapeake Wildlife Heritage, Inc.* will use a \$50,000 grant to restore 140 acres of non-tidal wetlands in the Chester River and Choptank River watersheds. The project will educate landowners about their role in restoring the Chesapeake Bay and work with landowners to develop conservation plans for their properties.
- The *City of Salisbury, Maryland* will use a \$75,000 grant to develop a restoration implementation plan for the Wicomico River watershed. The project will determine specific strategies to meet target pollution load reductions established by the Chesapeake Bay Watershed Implementation Plan for Wicomico County.
- The *Oyster Recovery Partnership* will use a \$50,000 grant to prioritize Maryland tributaries suitable for oyster restoration. The project will also expand the region's oyster shell recycling program, which collects used oyster shells from restaurants and reuses them to reseed oyster beds.
- The *St. Mary's River Watershed Association, Inc.* will use an \$80,000 grant to engage area residents, developers, and businesses in low impact development practices that will improve water quality in the St. Mary's River. The project will also implement a neighborhood rewards program for conservation practices.
- The *Smithsonian Environmental Research Center* will use an \$80,000 grant to restore eroding shoreline at Cheston Point in Edgewater, Maryland. The project will create a stable marsh habitat containing appropriate native plant species, which will benefit aquatic species and migratory waterfowl along Cheston Creek.
- *Trout Unlimited, Inc.* will use a \$26,536 grant to develop a brook trout habitat restoration plan for Little Tuscarora Creek, one of the few streams in Frederick County still capable of sustaining a healthy brook trout population.
- The *Scenic Rivers Land Trust, Inc.* will use a \$75,000 grant to continue a watershed protection and community outreach initiative that will engage citizens in watershed protection activities and preserve thousands of acres of undeveloped land through easements or purchases.

INSR GRANTS (Maryland cont'd)

- The *Maryland Association of Soil Conservation Districts* will use a \$335,202 grant to certify farmers that adhere to the highest standards of nutrient management and conservation best management practices. The Maryland Farm Stewardship Certification and Assessment Program will evaluate farms in priority watersheds to determine their compliance with pollution targets.
- The *University of Maryland* will use a \$400,000 grant to institutionalize lawn practices that will greatly reduce runoff and lawn fertilizer use. The project will alter attitudes about lawn care and appearance, changing lawn culture from a highly fertilized grass monoculture to a more diverse plant community with improved soil conditions and a greater ability to filter stormwater runoff.
- The *Watershed Stewards Academy* will use a \$500,000 grant to train and support certified “Watershed Stewards”, trained volunteers who will create a shift in behavior and land use within neighborhoods. Community-wide behavior change will reduce pollution and ensure that “green” practices are no longer the exception, but the new social norm.
- The *City of Baltimore Department of Public Works* will use a \$210,000 grant to develop guidelines for implementing a stormwater offset and banking system for Baltimore City that can be applied to other communities in the Chesapeake Bay watershed.
- *Frederick County* will use a \$200,000 grant to assist landowners in converting their lawns to forests. The project will create conservation programs to protect forest cover and ensure the longevity of restoration efforts.
- *Prince George's County* will use a \$291,000 grant to implement and evaluate nutrient removal processes, all of which will be powered by renewable energy sources.

DISTRICT OF COLUMBIA PROJECTS

SMALL WATERSHED GRANTS

- The *Casey Trees Endowment Fund* will use a \$95,000 grant to launch its Large Parcel Tree Planting Pilot Program, which will identify, map, and plant over 400 trees in the Oxon Run and Rock Creek watersheds.
- The *Metropolitan Washington Council of Governments* will use a \$175,000 grant to design and construct bioretention facilities at Langston Golf Course and the Kenilworth Park and Aquatic Gardens in Washington, D.C. The project will capture and filter stormwater runoff from two large parking lots, thereby reducing pollution loads to the Anacostia River.

INSR GRANTS

- The *District Department of the Environment* will use a \$700,000 grant to install and monitor a Regenerative Stormwater Conveyance system in an urban watershed. The project will use sand, shallow pools, and native vegetation to detain, infiltrate, and convey stormwater.
- The *District of Columbia Fire and Emergency Medical Services Department* will use a \$300,000 grant to transform four fire station roofs into model stormwater management systems. The project will install foam panels that can capture up to 2.5 inches of stormwater for reuse in daily operations.

NEW YORK PROJECTS

SMALL WATERSHED GRANTS

- The *Tioga County Soil and Water Conservation District* will use a \$150,000 grant to develop a floodplain berm removal program that will stabilize streams, decrease stream erosion, and reduce sediment pollution.

INSR GRANTS

- The *Tompkins County Conservation District* will use a \$700,000 grant to identify areas of highest nutrient pollution and implement nitrogen and phosphorus reduction practices in these areas. The project will conduct farmer outreach and collaborate with agricultural professionals, as well as federal, state, and local agencies.

WEST VIRGINIA PROJECTS

SMALL WATERSHED GRANTS

- The *Cacapon and Lost Rivers Land Trust* will use a \$100,000 grant to permanently protect ecologically critical private lands in the Cacapon and Lost Rivers watersheds. The project will also publish “Cacapon Voices,” a collection of text and images that describes property owners’ connection to their land.
- *Trout Unlimited, Inc.* will use a \$100,000 grant to engage private landowners in brook trout habitat restoration practices. The project will focus on streams sensitive to climate change.
- The *Cacapon Institute, Inc.* will use a \$50,000 grant to recruit 20 schools from the eight counties in West Virginia’s Potomac River Basin and engage thousands of students in hands-on conservation activities as part of its Potomac Headwaters Watershed Leaders program.

DELAWARE PROJECTS

SMALL WATERSHED GRANTS

- The *Town of Bridgeville, Delaware* will use a \$75,000 grant to identify the sources of urban nutrient pollution and to engage rural towns and citizens in sustainable growth practices that will help Bridgeville meet the goals of Delaware’s Chesapeake Bay Watershed Implementation Plan.

MULTI-STATE PROJECTS

SMALL WATERSHED GRANTS

- The *Octoraro Watershed Association, Inc.* will use a \$100,000 grant to identify conservation projects that address water quality issues in the Octoraro River watershed. The project will promote collaboration among county conservation districts, watershed stakeholders, environmental advocacy groups, and state agencies.

INSR GRANTS

- *Farm Pilot Project Coordination* will use a \$650,000 grant to evaluate nutrient reduction methods deployed at four poultry farms in the Chesapeake Bay Watershed. The project will develop a common method for handling poultry litter ash that will enhance its value as a fertilizer.
- The *Chesapeake Stormwater Network* will use a \$500,000 grant to provide targeted training to stormwater professionals in the Chesapeake Bay Watershed. The project will include webcasts, design workshops, field training, on-line training modules and master stormwater practitioner certificates.
- The *University of Maryland Stormwater Capacity Program* will use a \$400,000 grant to expand the ability and capacity of local governments and communities to achieve water quality restoration goals through more efficient stormwater financing.
- The *Chesapeake Bay Foundation, Inc.* will use a \$200,000 grant to support dairy and beef producers in transitioning from traditional confinement operations to pasture-based grazing systems. The project will reduce nutrient and sediment pollution from agricultural cropland and agricultural operations.

###

DEPARTMENT OF THE NAVY

NAVY REGION MID-ATLANTIC PUBLIC AFFAIRS OFFICE



1510 GILBERT ST., STE. 207
NORFOLK, VA 23511
TEL: (757) 322-2853
FAX: (757) 445-1953

FOR IMMEDIATE RELEASE

11-30

September 15, 2011

NAVY RELEASES NEW ECONOMIC IMPACT REPORT FOR HAMPTON ROADS AREA

Norfolk, Va. – Commander, Navy Region Mid-Atlantic has released the fiscal year 2010 (Oct. 1, 2009 through Sept. 30, 2010) Department of the Navy impact statistical data for the Hampton Roads area.

Total direct economic impact to the region saw a decrease of approximately \$1.4 billion, from \$14.9 billion in fiscal year 2009 to \$13.5 billion in fiscal year 2010. Total annual payroll (military and civilian) remained steady at \$8.2 billion. However, procurement expenditures decreased from approximately \$6.7 billion in FY09 to \$5.3 billion in FY10.

Operationally, the number of ships homeported in Hampton Roads increased from 83 to 84, and the number of aircraft squadrons also increased by one from 35 to 36.

-USN-

MEDIA NOTE: Questions concerning these statistics may be directed to the Commander, Navy Region Mid-Atlantic Public Affairs Office at 322-2853.

“The Navy in Hampton Roads”

A Statistical Report for Fiscal Year 2010 (1 October 09 – 30 September 10)
Information compiled at Navy Region Mid-Atlantic, Norfolk, Virginia
Released September 15, 2011

EMPLOYED PERSONNEL

<u>Navy</u>	<u>2009</u>	<u>2010</u>
Active Duty:		
Officers	10,879	11,553
Enlisted	72,452	67,827
Students and Other Transients	3,046	3,083
Total Active Duty	86,377	82,463
Retired and Survivors (est.)	46,786	47,557
Military Family Members (est.)	97,724	105,615
Total Military and Family	230,887	235,635
<u>Civilian Employees</u>		
Civil Service	31,896	33,670
Non-appropriated Fund	4,091	4,143
Total Civilian Employees	35,987	37,813
Total Navy “Family”	266,874	273,448

HOMEPORTED OPERATING UNITS

Ships Homeported	83	84
Aircraft Squadrons Homeported	35	36

MILITARY FAMILY HOUSING

Occupy Government PPV Housing	4,084	4,379
Own Private Dwellings	20,013	20,012
Rent Private Dwellings	28,131	28,097
Total	52,228	52,488

“The Navy in Hampton Roads, cont’d”

PERSONNEL WORK LOCATIONS	<u>2009</u>	<u>2010</u>
Norfolk		
Military	53,958	51,547
Civilian	17,334	18,957
Virginia Beach		
Military	12,473	13,069
Civilian	2,797	2,109
Portsmouth		
Military	6,737	4,983
Civilian	11,758	12,432
Peninsula		
Military	1,314	1,313
Civilian	1,022	876
Chesapeake		
Military	1,415	687
Civilian	249	236
Little Creek		
Military	10,313	10,702
Civilian	2,506	2,800
Suffolk		
Military	167	162
Civilian	321	403
Total		
Military	86,377	82,463
Civilian	35,987	37,813

ECONOMIC IMPACT: ANNUAL PAYROLL (\$ MILLIONS)

Active Duty Military	\$4,887	\$4,773
Retired Military/Survivors (estimated)	\$1,199	\$1,228
Civil Service	\$1,945	\$2,058
Non-appropriated Funds	\$138	\$142
Total Annual Payroll	\$8,169	\$8,202

GOODS AND SERVICES (\$ MILLIONS)

Includes contract awards for ship construction, conversion and repair in private yards; military construction, maintenance, repair and alterations; utilities; materials, equipment, supplies, services and transportation (freight and passenger).

Total Procurement	\$6,684	\$5,270
TOTAL DIRECT ECONOMIC IMPACT	\$14,853	\$13,472

Skirt The Issue - Rising Above?

[Magazine](#) | [Departments](#)

The very nature of Hampton Roads is changing--and researchers and leaders are still searching for affordable solutions

By Kristen De Deyn Kirk



The land is sinking, and the water is rising, and no one's sure what we should do. Sounds like something out of a horror movie, but it's not—it's life in Hampton Roads. Fortunately for residents and businesses, officials are paying attention.

In March, Virginia Sea Grant, a joint effort with University of Virginia's Institute for Environmental Negotiation, the Hampton Roads Planning District Commission, the City of Virginia Beach, Wetlands Watch and Old Dominion University, held "listening sessions" in Virginia Beach. It was a chance for residents to voice their opinions on floods and reports of sea-levels rising. More than 100 residents participated. Clay Bernick, Virginia Beach's environment and sustainability manager, was later part of a group that spoke to the city council in May about residents' concerns and the city's current and future plans.

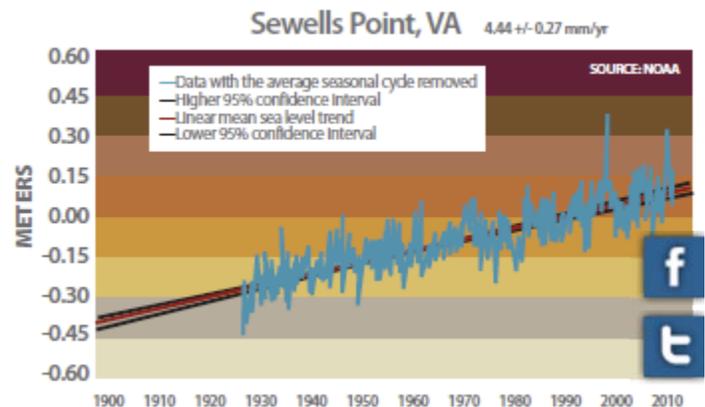
Back in 2009, the city developed a comprehensive plan to avoid disaster. Among the recommendations: Prohibit construction in floodplains without acceptable mitigation; build on higher ground where it is less susceptible to sea level rise and make higher ground the prime focus of development; aggressively retrofit existing storm drains throughout Virginia Beach into state-of-the-art stormwater management facilities to minimize flooding after heavy storms; and develop measures to increase reasonable structural setbacks in order to effectively protect properties facing the Chesapeake Bay and Atlantic Ocean.

Yet, more action is needed.

Benjamin McFarlane, a physical and environmental planner with Hampton Roads Planning District Commission (HRPDC), also spoke about his three-year grant project with the Virginia Coastal Zone Management Program. He called for "more data and better models" to understand the influence of sea-level rising. On June 16, he presented another update to the HRPDC, noting that he had outlined general costs and benefits of various options to combat the problem. The report had not been released as Hampton Roads Magazine went to press. The research and report for the grant project are due to be completed by this December. It is hoped that all of the concerned cities will buy into the final recommendations, yet this is a case of there being no easy, inexpensive answers—and it seems like the world is watching. We might be one of the first areas to face this problem on a large scale, but we won't be the last.

This year, PBS's *Need to Know* and *The New York Times* featured Norfolk and its flooding woes. A couple from Larchmont, a community near Old Dominion University, worried about how many more floods they could handle. They used to see a few puddles that they'd have to battle. Now, they feel like streets flood regularly. Four major floods in five years have damaged their appliances, including furnaces and hot water heaters. For them, the situation is getting worse and more costly to recover from. Local environmental activist William "Skip" Stiles, executive director of Wetlands Watch, appeared on *Need to Know*, noting that both residents and leaders are struggling with the issue. Residents don't have enough money to replace lost items, and city officials don't have much of a budget to improve conditions or buy back houses. Councilwoman Dr. Theresa Whibley noted on PBS that the city has "nowhere near enough money" to address the problem.

Stiles is worried about spending money on what might be temporary



Attachment 21C

solutions. Norfolk Mayor Paul Fraim has said that the city could create retreat zones, turning some areas into public parks or leaving them empty. But again, what about the money?

Norfolk certainly has a lot to overcome. Reporter Leslie Kaufman from The New York Times succinctly outlined the city's triple-whammy hit: The water from the rivers is rising; the land is sinking; and Attorney General Ken Cuccinelli is saying a University of Virginia climate scientist committed fraud in research "proving" climate change.

Putting politics aside, the problem is real: Kaufman writes, "... Norfolk has experienced the highest relative increase in sea level on the East Coast—14.5 inches since 1930, according to readings by the Sewells Point naval station."

None of this is news to Dr. Larry Atkinson, a professor of oceanography at Old Dominion University, and he's offered his expertise to be part of the solution. He created The Old Dominion University Climate Change and Sea Level Rise Initiative (CCSLRI) last fall, meeting with nearly 100 faculty members, administrators, industry and organization leaders, state and local officials and international colleagues to gather their ideas.

Part of CCSLRI's goal is to educate the citizens of Hampton Roads, and Atkinson is doing the basic work of explaining sealevel rising:

"Local sea level rise is caused by three things, all about equal," he says. "The warming of the ocean; glacial forebulge subsidence (the land shifting as glaciers melt); and freshwater flowing into the ocean from melting glaciers and ice caps."

Atkinson has hosted a faculty presentation by Wetland Watch's Stiles and a public talk by Rear Adm. David Titley, the Navy's top oceanographer, about climate change and the Navy's ability to face it. He's also written on the topic; an essay he penned in the spring for the Free Lance Star in Fredericksburg explained the science behind the rise and its ramifications. Newspapers countrywide picked up the essay, an indication that many Americans are concerned.

With Atkinson, his fellow researchers and leaders like Stiles, Bernick and McFarlane, there is hope that science can first prove to non-believers the causes of sea-level rising and, more important, introduce solutions—or at least the best possible coping mechanisms. Hampton Roads' residents might for once feel like they're part of a region, facing and conquering a problem together. After all, coastal Virginia Beach and Larchmont residents are affected, along with people in East Ocean View, Downtown Norfolk, Poquoson, and parts of Portsmouth, Hampton and Gloucester, according to Atkinson. On this issue, we'll most likely sink or swim together.

Add Comment

[< Prev](#)

[Next >](#)



AGENDA NOTE - HRPDC ANNUAL COMMISSION MEETING

ITEM #22: OLD/NEW BUSINESS