

2013

MIDDLE PENINSULA PLANNING DISTRICT COMMISSION TECHNICAL ASSISTANCE PROGRAM



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TABLE OF CONTENTS

Executive Summary	1
I. Introduction	2
II. Coastal Management Support	2
Examples of Coastal Management Support	2
III. Local Planning Coordination	3
Examples of Local Planning Coordination	3
IV. MP CBPAA Work Plan & Public Waterfront Management.....	4
Appendix A- Virginia Coastal Zone Management Program Staff Activities (January 2013 -December 2013)	6
Appendix B – Essex Countryside Alliance Map	26
Appendix C – Biggert-Waters Flood Insurance Reform Act of 2012 Presentation.....	28
Appendix D- Land’s End- Sinclair Landing Property Acquisition Map	33

EXECUTIVE SUMMARY

The Technical Assistance (TA) Program, funded through the Virginia Coastal Zone Management Program, provides Middle Peninsula Planning District Commission (MPPDC) staff the opportunity to create and implement adaptive management techniques, enhance communication between local, regional and state stakeholders, as well as inform planning decisions by local, regional, and state coastal managers. The TA Program has been the backbone of coastal zone management in the Middle Peninsula by providing a resource that allows local governments to address coastal zone issues that may otherwise go unanswered. Specifically, the TA Program provides the MPPDC with the necessary administrative framework to assist rural Middle Peninsula coastal localities (i.e. staff, elected officials, and community level groups) in the enhancement of coastal zone management tools and techniques that balance economic development while protecting coastal resources.

Middle Peninsula localities rely annually on MPPDC staff to provide professional and technical coastal zone management planning assistance on national, regional and local coastal issues and policy and legislative changes that impact how the issues are addressed. Over the past year, the MPPDC has made significant strides in providing education and assistance on issues such as the National Flood Insurance Program, hydro fracturing, coastal resiliency and vitality, public access management, storm water and groundwater management. For the Federal FY 13 grant, there were three task outlined and completed under the work program:

1. MPPDC staff provided coastal management support to local government elected officials, chief administrative officers for local governments, local planning staff, local planning commissions and wetlands board's staff. For example, MPPDC staff provided GIS analysis of development proposals, land conversion, land use plans, and local land use ordinance implementation. MPPDC staff also provided research services for new, ongoing and/or emerging coastal issues.
2. MPPDC staff convened monthly-quarterly meetings with local government level planners, government administrators, and other appropriate government and non-governmental (NGO) committees to assist with improved coastal planning.
3. MPPDC staff provided direct research and facilitation support for the implementation of the 2012-2013 Middle Peninsula Chesapeake Bay Public Access Authority (PAA) annual work plan. MPPDC staff assisted PAA with the management of the newly acquired Perrin Wharf facility. Perrin Wharf will serve as a new model for managing publicly owned waterfront infrastructure. Additionally, MPPDC staff assisted with research for determining appropriate funding mechanisms for various waterfront improvements such as the

establishment and financing of a dredging district, redirecting marine fuel tax for commercial wharf maintenance and improvements, and the connection of public waterfront infrastructure which could be used in conjunction with new water trails.

I. Introduction

Due to funding through the Virginia Coastal Zone Management Program (CZM), the MPPDC was able to provide coastal management support and coordination to local governments and their elected officials, local planning staff and planning district commission staff. The MPPDC was also able to collaborate and provide guidance to other planning district commissions on coastal zoning issues, including working waterfronts, floating structures, ditches, and advocating to the Virginia Coastal PDC Committee that PDC's should be helping to explain why participation in the Community Rating System (CRS) is important to member localities. This report will touch on the three objectives of this project, including (1) Coastal Management Support, (2) Local Planning Coordination, and (3) PAA Work Plan & Public Waterfront Management.

II. Coastal Management Support

MPPDC continued to provide coastal management support and specialized training and workshop opportunities to local government elected officials, local planning staff, and planning district commission staff. Topics of interest included floating structures, hydro fracturing, storm water and groundwater management, floodplain management and working waterfront use management.

Examples of Coastal Management Support

Enactment of the 2012 Biggert-Waters National Flood Insurance Reform Act prompted major changes to Federal Flood Insurance Program and mandatory changes to local Flood Insurance Rate Maps (FIRMs). MPPDC staff served as a source of information to local governments on what the changes meant for residents and measures each local government could take to mitigate those impacts. At the October 23rd PDC dinner, Shannon Hulst of Wetlands Watch was presented as guest speaker on the Biggert Water Reform act and what the changes mean for local government and their residents. Ms. Hulst also provided information how local governments can reduce the impacts of changes through the FEMA CRS. See the presentation attached as Appendix C.

In September, MPPDC staff facilitated a meeting between Melissa Hall and Charley Banks of Virginia Department of Conservation and Recreation (DCR) and local government planners and administrators to discuss the mandated FIRM and ordinance

change requirements. During the meeting, MPPDC staff provided local planners with CRS information on planning measures that could be taken to receive discounts to offset the rising cost of insurance premiums.

MPPDC continues to be a source of information on hydraulic fracturing, commonly known as “fracking”, by researching the topic and associated policy and land use impacts that may affect Middle Peninsula communities. MPPDC staff attended seminars, provided education and outreach materials, as well as coordinated presentations by speakers knowledgeable on the subject matter for localities. In June 2013, MPPDC staff attended a lecture at Virginia Institute of Marine Sciences which focused on the costs and benefits of fracking. MPPDC staff also consulted with Megan Gallagher, Environmental Consultant, concerning fracking exploration within the upper Middle Peninsula region and possible conflicts with conservation lands. Currently the majority of Middle Peninsula localities do not have policies in place to address the issues associated with oil/gas exploration. Information provided through the MPPDC has been instrumental in bringing the stakeholders together to discuss the issues associated with hydraulic fracturing and lack of local policies and regulations to address the issues.

MPPDC has served as a catalyst for finding solutions to ditching problems and water runoff. With this funding through CZM Program, MPPDC staff was able to look at issues with outfall ditches in various counties in the Middle Peninsula and maintenance responsibilities of those ditches by bringing all stakeholders together to discuss the issues and collaborate on possible solutions. MPPDC staff facilitated several meetings to discuss the findings of the study and how state and local government and property owners could move forward to find a cooperative solution to ditch maintenance.

III. Local Planning Coordination

MPPDC Staff continued to convene meetings with local government planners and administration as well as bi-monthly meetings of the Middle Peninsula Chesapeake Bay Public Access Authority (PAA) to discuss ongoing and new issues related to coastal zone management.

Examples of Local Planning Coordination

Last fiscal year, the MPPDC coordinated with local governments who are required to address storm water quality as stipulated by the Chesapeake Bay TMDL Phase II WIP and the Virginia Storm Water Regulations by adopting a storm water management program by mid 2014. This fiscal year, with funding from the CZM Program, MPPDC staff was able to continue to attend storm water training and workshops, and convene

stakeholder meetings to keep localities informed and on schedule as they develop a local Virginia Storm water Management Program (VSMP). MPPDC staff also provided regular updates at local government administrators meetings regarding program and regulatory changes at the state level.

MPPDC staffs assisted King & Queen County in drafting a proposal for funds from CZM Program to research and improve policies and regulations regarding floating structures in response to a proposal for a floating structure referred to as an oysterplex. The “oysterplex” request prompted regional collaboration to address an overarching issue of local jurisdiction over water and aquaculture activities. The floating structures project (Grant #NA10NOS4190205 Task 53) focused on improving the permitting process associated with the issuance of various permits by multiple state agencies and local governments for new aquaculture business.

The gradual shift in coastal land use to residential continues to have significant economic impacts on working waterfront businesses in the Middle Peninsula. MPPDC staff has provided information and guidance on identifying the major factors and exploring solutions to creating a balance between demand for residential waterfront uses and traditional working waterfront uses. MPPDC staff has also worked collectively with the working waterfronts community and localities to address zoning and policy issues that encumber the economic vitality of the seafood industry. Concerns expressed by watermen in Mathews and Gloucester counties emphasize the need for adequate infrastructure and dredging of major waterways in the Middle Peninsula. Discussions with stakeholders regarding options for financing dredging projects led the MPPDC staff to submit proposal to the CZM Program, which was funded through Grant # NA13NOS4190135 Task 51 that would allow exploration of Tax Increment Financing as a future funding option.

IV. MP CBPAA Work Plan & Public Waterfront Management

MPPDC Coastal Technical Assistance staff convened monthly and quarterly meetings of the Middle Peninsula Chesapeake Bay Public Access Authority (PAA) with local planners and government administrators to discuss coastal issues in the Middle Peninsula. MPPDC staff assisted the PAA with project facilitation and data collection to support implementation its annual work plan. MPPDC staff provided technical assistance with the management of the recently acquired Perrin Wharf facility, a 320 ft pier with 9 boat slips traditionally used by commercial watermen for vessel moorage. A revitalization project to reorganize and install 15 new slips at Perrin Wharf was funded through CZM Grant # NA10NOS4190205.

MPPDC staff convened meetings and met with stakeholders to discuss management approaches for Perrin Wharf, as this facility will serve as a model to the PAA for managing publicly owned waterfront property and infrastructure.

The Public Access Authority is embracing a new phenomenon for Coastal Virginia; altruistic giving of private waterfront land for public benefit. Sizeable tracts of private waterfront land are being gifted, free and clear with no deed encumbrances specifically for new coastal public access. The parcels of land are uniquely, spatially diverse sites located along the lower Chesapeake Bay and tributaries. February 2013, the PAA received 96.81 acres of serene waterfront property on the Severn River in Gloucester County, Virginia. Valued at \$1.6 million, much of the property is pristine coastal ecosystem, including emergent tidal wetlands and dense mixed hardwood and pine forests. The MPPDC has facilitated two additional property acquisitions on behalf of the PAA this fiscal year. The PAA was also gifted a 5.635 acre tract and a 1.78 acre tract, both properties located in lower Mathews County on the Mobjack Bay. The donations will further the PAA's efforts to bolster recreational activities and public waterfront access in the region.

Appendix A
Virginia Coastal Zone Management Program Staff Activities
(January 2012-December 2013)

The Coastal Resources Technical Assistance Program provides ongoing support to member localities of the Planning District Commission and other stakeholders committed to improving community development and coastal management within the coastal zone.

JANUARY 2013

- Developed a graphic to convey Virginia Employment Commission statistics. The graphic identified that of the 41,818 employed workforce in the Middle Peninsula 71% commute out of the region. Approximately 8,448 commute into the region, which contributes to the 20,604 people that make up the total Middle Peninsula Workforce.
- Researched software available to create digital magazines. Such software would be used to on the MPPDC website to enhance the communication of information/government documents in a more reader friendly manner.
- Consulted with Delegate Keith Hodges on issues related to state agency and local government permitting for aquaculture businesses across the Middle Peninsula. Discussed ways to improve inter agency communication and strategies for encouraging the growth of aquaculture within the Middle Peninsula.
- Attended a national meeting of the National Estuarine Research Reserve Systems across Virginia and Maryland held at the Virginia Commonwealth University Rice Center to discuss how the scientific community can help characterize current and historic sea level rise data in a locally relevant message.
- Consulted with Delegate Keith Hodges concerning the proposal to amend the Virginia Ground Water Management Act to include the Middle Peninsula as a regulated area. Discussed funding, staffing, and permitting requirements which could slow economic development within the Middle Peninsula.
- Consulted with the National Oceanic and Atmospheric Administration- Coastal Service Center concerning identifying and classifying coastal business and the relations to the Chesapeake Bay and tributaries.
- Responded to a recreational user and fishing survey issued by Susanna Musick, Marine *Recreation* Specialist at the Virginia Institute of Marine Science. Survey was trying to identify how coastal Virginia water based recreational users are developing new water uses.
- Consulted with Keith Russ, President of Deltaville Boat Yard, concerning various types of business assistance needs for the maritime cluster in Deltaville. MPPDC staff is working with Virginia Sea Grant to develop a program whereby a

William & Mary MBA student could be assigned to assist local business with research and critical thinking about local business challenges.

- Discussed a proposal to study the transportation impacts of sea level rise on the VDOT secondary roads system in low lying areas within the Middle Peninsula. A proposal is being drafted by Dr. James Lambert at the University of Virginia.
- Received a request from John Gill, Interim Urbanna Town Manager, to advise on strategies to provide the 20% local match share for a recent grant award to the Town. The Town has received a notification of a Department of Game and Inland Fisheries grant award to make improvements to the Town boat ramp. Advised that the Town could apply to the VMRC Recreational Sport Fishing fund to cover the 20% local match share.
- At the request of the Mathews County Administrator, researched the possibility of Mathews County seeking funding from the Department of Game and Inland Fisheries Recreational Boaters grant program.
- Advised the Mayor of Urbanna that, upon consultation with staff from the Department of Game and Inland Fisheries, the time table for the recent DGIF grant award could be modified to allow the Town time to apply to the VMRC Recreational Sport fishing fund thus making the project 100% grant funded.
- Discussed participating in a William & Mary Law School program legal symposium to discuss issues and concerns related to Chesapeake Bay Clean-up, Storm water and TMDL.
- Consulted with Amy Hibbard, Virginia Employment Commission concerning a new method for determining the commuting pattern of residents across Virginia. The new statistical approach identifies over 70% of the Middle Peninsula workforce as out-commuting.
- Consulted with Paul Koll, Gloucester County Building Official, on an issue related to how the Universal Building Code would recognize a floating structure located within the territorial boundary of a locality. Followed up with the Department of Housing and Community Development, the state agency tasked with overseeing the state wide building code. Discussed various permitting issues and concerns. The Department is researching the question further.
- Attended the Essex County legislative dinner held in Tappahannock. Open discussion was held with Delegate Keith Hodges and Senator Ryan McDougal on issues and challenges facing the General Assembly.
- Convened the January Local Government Administrators meeting. Discussion items included General Assembly Issues and Legislation; Discussion on the continuation of Regional Litter Program; Next Mayors and Chairs Meeting.

Presentation was given by Dr. Sissy Crowther, President of Rappahannock Community College, on local budget request and future College capital projects.

- Discussed a draft scope of work to update the Town of Tappahannock Comprehensive Plan with Jimmy Sydnor, Town Zoning Administrator and Planning Director.
- Attended the State Water Control Board Public Meeting on the expansion of the Eastern Virginia Ground Water Management Area held on January 14 at the Rappahannock Community College Warsaw Campus.

FEBRUARY 2013

- Reviewed the Supreme Court case LOZMAN V. CITY OF RIVERIA BEACH FLORIDA. This was a ruling on floating homes which concluded that a floating home is not a “vessel.”
- Drafted three proposals for the re-programmed funds through the Virginia Coastal Zone Management Program. The projects included (1) Developing a Harbor Master Plan for Aberdeen Creek in Gloucester County; (2) Understanding and improving the policies and regulations regarding floating structures and other issues that were encountered with the proposal of the “Oysterplex” in King & Queen County; and (3) developing a preliminary management plan for the Laird property that was gifted to the PAA in February 2013.
- Drafted the 2012 *At the Water’s Edge* annual newsletter for the Middle Peninsula Chesapeake Bay Public Access Authority (PAA). The newsletter reviews the Perrin River Commercial Seafood Harbor Master Plan; Youth Hunting policy; Williams Wharf Public Access Easement; Timber Harvesting on PAA tracts of land; and the right-of-way case on the Haworth Tract
- Met with Jim Vadas of ClearWater Environmental & Forestry of West Point at the Haworth Tract in King and Queen County for a timber sale. Four bids were submitted and the highest bidder, Virginia Forest Resources LLC c/o Dan Hockenberger, is being offered a contract. The timbering is for a thinning of the Haworth property that must be completed by October 1, 2013. Income from this sale will be utilized to reimburse the PAA for legal fees associated with a contested easement and for future management of the parcel.
- Began work on an application for funding through the Virginia Coastal Zone Management Program 306a funds for construction of new boat slips at the Perrin Wharf in Gloucester County.
- Consulted with Dr. Jim Pyne, Chief of the Hampton Roads Small Communities Division, concerning Urbanna Creek and 303D listing from the EPA. Followed up

with John Kennedy, DEQ Office of Water Monitoring and Assessment, to request the current designation of Urbanna Creek.

- Consulted with Jimmy Smith, President of the Field Point Trust, concerning ongoing discussions related to right of way access issues to the Hall Tract which was donated to the Middle Peninsula Chesapeake Bay Public Access Authority.
- Received a call from Charles Rickards, a private engineer from Gloucester County who is studying the feasibility of a York River up-river bridge crossing. Discussed regional transportation trends and historic transportation projects across the Middle Peninsula.
- Provided an Essex County business owner with information related to export of local product for international trade. Arranged for a representative from the Virginia Economic Development Partnership who specializes in international trade to meet with the business owner to discuss exporting of local products.
- Discussed House Bill 1448, with Delegate Keith Hodges. This Bill will benefit property owners who have a failed septic system but cannot determine clear ownership to the property. The enabling authority can be enacted by Essex, Gloucester, Mathews, Middlesex, King and Queen, King William and the Towns of Urbanna, Tappahannock, and West Point. A request for Bill amendment was offered from the banking lobby. Suggested amendment language was agreed to. The Bill has passed the House and the Senate.

HB 1448 Financing for repairs to failed septic systems. *Authorizes a locality, by ordinance, to create a loan program to enable the repair of property owners' failed septic systems. Any such ordinance is required to describe the arrangement of the loan program, including any partnership with a planning district commission, and is permitted to provide for the repayment of the loan through water or sewer billings, real property tax assessments, or other billings. The Bill authorizes other features of a loan program and permits a locality to set a minimum ownership interest or minimum level of proof of ownership of the property for situations in which it is extremely difficult or impossible to identify all of the people who have an ownership interest in the property.*

- Provided Delegate Keith Hodges with background information regarding various approaches a locality may take to require mandatory sewer hookup currently authorized by the Virginia General Assembly. Discussed various approaches that could assist Gloucester County with its desire to seek enabling authority for mandatory sewer hookup authorization.
- Discussed water reuse concepts and strategies as it relates to TMDL and Chesapeake Bay Cleanup with Matt Walker, Middlesex County Administrator.

- Convened the monthly meeting of the Middle Peninsula Local Government's Administrators group. Agenda items included local budget discussions; presentation by Virginia Interactive; General Assembly Issues and Legislation; CDBG Priorities Discussion; and Storm water Update.

MARCH 2013

- Received notification of a meeting called for the Regulatory Advisory Panel for the Eastern Virginia Groundwater Management Area Regulations and the Groundwater Withdrawal Regulations. The meeting has been scheduled for Monday, March 25th. The meeting will be held at DEQ's Central Office located in Downtown Richmond. The address of the office is 629 E. Main Street. Richmond, Virginia 23219. The meeting will begin at 9:30 a.m.
- Received a call from Tony Watkinson, Chief of the Habitat Management Division at the Virginia Marine Resource Commission (VMRC) related to floating structures and local government authority to concurrently manage such use with VMRC. Discussed current and ongoing water uses which are causing permitting challenges with VMRC, Virginia Department of Health (VDH) and local governments. Uses include aqua lodges, oysterplex, floating restaurants and other new or non-traditional water uses.
- Participated in a Middle Peninsula regional tourism meeting called by Sandra Tanner, Virginia Tourism Corporation to discuss how best to proceed with the development of a Middle Peninsula regional tourism plan.
- Consulted with Cynthia Waymack, Department of Conservation and Recreation, concerning the granting of a waiver for land donation value for future use as local match. DCR has recently amended its waiver rules and contributed land value cannot be banked for future match. However, the Department of Game and Inland Fisheries (DGIF) will allow the banking of contributed land value as match for future water access projects according to James Adams, VDGIF Facilities Manager.
- Consulted with Matt Sabo, *Daily Press* reporter, concerning a \$1.6 million dollar land donation to the Middle Peninsula Chesapeake Bay Public Access Authority. Discussed future possible uses and history of the site.
- Received copy notification of easement recordation errors noted by the Virginia Department of Historic Resources for the Williams Wharf project, located in Mathews County. It is the responsibility of the Mathews Land Conservancy to correct easement deficiencies.
- Discussed Middle Peninsula wage and demographic data collected by the Bureau of Economic Analysis (BEA) for Middle Peninsula localities with staff from

the BEA. Discussed commuter adjustment factors of wages returned to a locality from external employment sources.

- Convened and hosted the Spring Coastal PDC meeting at MPPDC. Eight coastal PDCs were in attendance as well as representatives from the Virginia Coastal Zone Management Programs. Discussed federal funding guidance, new funding program opportunities, new Federal GIS data collection standards and Coastal Technical Assistance grants as well as PDC Competitive Grants.
- Researched a property parcel in Mathews County that may be donated to the Middle Peninsula Chesapeake Bay Public Access Authority (PAA) that is located between Davis Creek and the East River by using GIS property data and information from John Shaw, Mathews County Planning Director.
- Drafted a map for the Gwynn's Island, Milford Haven and Piankatank River Watersheds Shellfish Total Maximum Daily Load (TMDL) Implementation Plan grant application to the Virginia Department of Conservation and Recreation (DCR) to procure funding for septic pump outs and other implementation activities within the small watersheds. A TMDL is the maximum amount of a pollutant a water body can receive and still meet water quality standards. TMDLs are required for water bodies that are determined to be impaired due to exceedance of water quality standards. A TMDL study outlines what needs to be done to improve water quality in the watersheds, a TMDL implementation plan outlines how to do it by outlining actions that can be taken to meet the TMDL allocations, such as pumping septic systems and funding repairs, as well as serving as a guide for implementation efforts.
- Reviewed the final draft of the Virginia Outdoors Plan update and corresponded with Janet Llewellyn Allen, Virginia Department of Conservation and Recreation, with revisions and comments. The *Virginia Outdoors Plan* is the state's official document regarding land conservation, outdoor recreation and open space planning. It helps all levels of the public and private sectors meet needs pertaining to those issues. The plan provides guidance for the protection of lands through actions of the Virginia Land Conservation Foundation (VLCF), and the plan is required in order for Virginia to take part in the federal Land and Water Conservation Fund (LWCF) program. The 2007 edition of the *Virginia Outdoors Plan* (VOP) is the ninth written in accordance with §10.1-200 of the *Code of Virginia*. For more information please go to http://www.dcr.virginia.gov/recreational_planning/vop.shtml.

APRIL 2013

- Emailed the "A Planning Report: Law and Policy Regarding Floating Homes" report completed in 2010 by the MPPDC to Dock Street Marina in Tacoma, WA on the Puget Sound.

- Added Dragon Run SAMP project history from 2000-2005 to the final Dragon Run SAMP project report and made the suggested edits. Emailed the completed final report to Beth Polak, Virginia Coastal Zone Management Program.
- Attended the Groundwater Regulation Regulatory Advisory Panel meeting on April 15, 2013 at Virginia Department of Environmental Quality's (DEQ) Piedmont Regional Office. At the meeting Mr. Scott Kudlas provided an overview of public comments and associated changes to the proposed regulation. DEQ will present this regulation to the State Water Control Board and request final approval at the Board's June 17, 2013 meeting.
- Provided background information on the proposed expansion of the Ground Water Management Area to Frances Hubbard, staff from the Tidewater Review. Discussed various issues and concerns for Middle Peninsula residents and local governments.
- Attended the Virginia Chapter of the American Planning Association "Coastal Issues Forum" held in Norfolk, Virginia. Presented a talk on the issues and challenges faced by rural coastal local governments. Discussed the land use impacts of engineered septic systems; sea level rise; ground water management acts expansion, and the preservation of working waterfronts.
- Was contacted by Jim Smith, Mathews Land Conservancy located in Mathews Virginia, concerning potential uses of the Hall property located in Moon, Virginia. The donation site was intended to promote the cultural heritage of Mathews and for use by various kids groups in Mathews, including the Boy Scouts and Girl Scouts.
- Attended a meeting called by Anne Ducey Ortiz, Gloucester County Planning Director, Kevin Wade of J & W Seafood of Middlesex, and Ron Sopko of Sea Farms located in Mathews County concerning working waterfront infrastructure issues on Aberdeen Creek in Gloucester County. Discussed upcoming project and ways to help improve the working waterfront infrastructure.
- Attended the Potomac Watershed Council meeting at the request of Laura Grape, Executive Director of the Northern Virginia Soil and Water Conservation District. Spoke on the issue of preservation of working waterfronts and the role of local zoning to encourage or discourage waterfront economic development activities.
- Contacted Assistant City Secretary Mary Juarez of Corpus Christi, Texas to discuss how a Tax Increment Financing (TIF) program was structured to finance the Packery Channel local dredging projects. TIF is a method to use projected future gains in tax revenue and dedicate such to public need projects.

- Consulted with Carol Steele, Director for the Gloucester County Parks, Tourism, and Recreation concerning the possible use of six 80ft long 18 inch on the stump salt treated poles located at Ark Park for use at the Perrin Wharf in Gloucester.
- Received a call from Jeff McDermott, owner of Historic Lands End property which adjoins the property recently donated to the PAA in Naxeria. Discussed road maintenance of the Lands End subdivision road. Agreed in principle to discuss future road maintenance needs collectively.
- Met with Keith Goodwin, Army Corps of Engineers Wetlands Specialist, for a delineation of the tidal and non tidal wetlands at the Lands End PAA donation site in Naxeria. Discussed possible locations for grass parking area for use by the Gloucester County Crew team as well as the need for a floating dock for launching and docking of crew boats.
- Received a copy of a 2002 Bay Design survey of Lands End PAA donation site in Naxeria. The survey will assist with locating survey monuments which are needed to determine the elevation level of the residential structure for flood insurance premium calculations.
- Convened the April Local Government Administrators meeting. Issues discussed included local budgets, natural hazard mitigation plan update, Regional DHCD Planning Grant to expand access to Sea Grant University system programs for economic and community development research assistance, and VDOT ditches and maintenance responsibilities. Delegate Keith Hodges was in attendance and provided an update on General Assembly matters.
- Attended the Working Waterfront Conference in Tacoma, Washington. Met with private and public individuals from major ports; large and small marinas; local, state, and federal government agencies; and commercial fishers from coastal and Great Lakes states. Attended presentations on issues related to funding, management, and acquiring working waterfronts in various regions of the United States.
- Drafted and submitted the semi-annual progress report for the Coastal TA project to the Coastal Zone Management Program.
- Prepared and submitted semiannual financial report and reimbursement request to April Bahen, Coastal Zone Management Program, DEQ.

MAY 2013

- Consulted with Beth Polak, Coastal Planner with the Virginia Coastal Zone Management Program- located at the Department of Environmental Quality, concerning pending grants for Lands End Management Plan framework project in

Gloucester. Land and Water Quality project focusing on funding and maintenance responsibilities for ditches across the Middle Peninsula with a focus on Mathews, Middlesex and Gloucester counties. Floating Structures project focusing on improving the permitting process associated with the issuance of various permits by multiple state agencies and local governments for new aquaculture business.

- Discussed collaborative participatory training class curriculum with Ann Weaver, instructor from the NOAA Coastal Services Center in Charleston South Carolina. Mrs. Weaver will be offering an upcoming class at VIMS to assist planners with facilitating public meetings.
- Consulted with Margaret Pizer, Virginia Sea Grant Communicator, who is interested in developing a story on how and why MPPDC proposed legislation to address failed septic systems on Heir Property for an upcoming Virginia Sea Grant magazine.
- Agreed to continue serving on the Rappahannock Community College Citizen Business Advisory Committee. The Committee focuses on the role of RCC and business curriculum.
- Convened the May local government administrators meeting. Discussed local budget issues and a proposed new MPPDC service center focusing on developing additional-maintaining capacity within local fire and emergency service programs locally. Additionally, discussed storm water implementation schedule. Closed the meeting with a brief update on the Middle Peninsula CEDS plan.
- Participated in a Dragon Run Kayak Tour at the request of the Virginia Secretary of Natural Resources Doug Domenech on Friday, May 3rd. Virginia Department of Environmental Quality Director David Paylor and Laura McKay, Director for the Virginia Coastal Zone Management Program, also participated in the tour. The Friends of the Dragon Run coordinated the tour of the Dragon. Dragon Run watershed. The Dragon Run watershed is found in Essex, King and Queen, Middlesex, and Gloucester counties.

JUNE 2013

- Received the annual request from the Essex County Countryside Alliance (ECCA) for an update to their Protected Lands Map that illustrates property put under easement each year and cumulatively in Essex County. Middle Peninsula PDC staff assisted ECCA with the creation of the map in 2007, and have conducted each subsequent update at no cost to them with the help of funding by annual grants from Virginia's Coastal Zone Management Program of the Department of Environmental Quality and the National Oceanic and Atmospheric

Administration, Office of Ocean and Coastal Resources Management, under the Coastal Zone Management Act of 1972, as amended.

- Received the tax map numbers of the property put under easement in Essex County from June 2012-June 2013 from Tom Blackwell, Essex County Commissioner of Revenue, needed to conduct the 2013 update of the ECCA map. Completed the 2013 update of the Protected Lands Map for the ECCA and submitted versions in PDF and JPEG formats to Mary Moss Walker, Assistant to Peter C. Bance (President of ECCA), and Susan McFadden, Open Door Communications.
- Consulted with Katie Register, Executive Director for Clean Virginia Waterways, regarding the 2013 Clean Virginia Waterways Symposium to speak on MPPDC water quality projects including their septic repair program and storm water/TMDL program development.
- Consulted with Janine Burns, Mathews County Board of Supervisors, concerning homeowners' insurance policies being dropped by local insurance companies as well as changes to the national flood insurance program under the 2012 Biggert-Waters National Flood Insurance Reform Act. Additionally, discussed the possible need to outreach to other coastal PDCs concerning coastal insurance issues impacting constituents within their PDC regions.
- Consulted with Megan Gallagher, Environmental Consultant, concerning fracking exploration within the upper Middle Peninsula region and possible conflicts with conservation lands.
- Met with Delegate Keith Hodges to discuss various approaches for stimulating economic growth across the Middle Peninsula.
- Consulted with Matt Walker, Middlesex County Administrator, concerning local storm water program adoption deadline. Advised that the 2014 date for local program implementation has not changed
- Consulted with Scott Hardaway, Coastal Geologist at VIMS, concerning a possible joint proposal to study dredging issues associated with Aberdeen Creek, Gloucester County, VA.
- Consulted with Pete Mansfield, Middlesex County Board of Supervisors, concerning water re-use across the Middle Peninsula and the possible need to promote additional awareness in light of TMDL and storm water management issues facing local governments.
- Consulted with Matt Walker, Middlesex County Administrator, concerning a request for public access information. Provided information on VDOT road endings and process for determining ownership.

- Provided Larry Land, VACO Environment and Local Government Liaison, cost estimates developed to quantify the costs basis for local stormwater program development. VACO is interested in learning more about how MPPDC approached developing cost estimates for local and regional programs.

JULY 2013

- Drafted a proposal to Virginia Coastal Zone Management Program competitive grants, requesting funds to complete a project focused on water reuse and the potential economic impacts to Middle Peninsula localities.
- Attended the June After Hours Lecture on June 27, 2013 at Virginia Institute of Marine Sciences which focused on the Costs and Benefits of “Fracking.”
- Sent photos of the Lands End property to Jack Catlett, Attorney for the Middle Peninsula Chesapeake Bay Public Access Authority, as he was unable to attend the June 2013 Commission meeting.
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- Consulted with Neal Barber, Middle Peninsula Land Trust, and Matt Walker, Middlesex County Administrator, concerning a possible private donation to the Middle Peninsula Chesapeake Bay Public Access Authority in Middlesex County.
- Discussed dredging needs of Aberdeen Creek, Gloucester County, with Scott Hardaway, Director of the Shoreline Studies program at VIMS. Jointly drafted a scope of work to study the geophysical conditions and inventory public infrastructure supporting working waterfronts of Aberdeen Creek as well as various financing tools available to local government to generate revenue to cover the cost of a local dredging project.
- Met with representatives from Angler Environmental Consulting concerning consulting and design services on land owned by the Middle Peninsula Chesapeake Bay Public Access Authority. Discussed possible tidal wetlands bank, public access, and storm water project concepts.
- Consulted with *Janine Burns*, Mathews County Board of Supervisors, concerning commercial insurance companies withdrawing insurance coverage from coastal Virginia. Discussed potential loss of local tax revenue if coastal properties are classified as uninsurable. Additionally, discussed the need for a coastal zone-wide map illustrating residential homes within 2500 feet and 1 mile of the waterfront for use by a VACO committee chaired by Mrs. Burns.
- Received a call from Megan Gallagher, Environmental Consultant, interested in knowing how the Middle Peninsula localities are preparing for possible oil and gas “Fracking” explorations in Essex, King and Queen and King William counties.

Discussed limited protection afforded local governments under the Chesapeake Bay Preservation Act.

- Responded to a request from Marty Farber, Senior Legal Researcher at the Division of Legislative Services at the General Assembly. Mr. Farber has requested that a presentation be given to the State Water Commission on matters related to the management of groundwater and surface waters within the Middle Peninsula and how Middle Peninsula localities are responding to being regulated under the Groundwater Management Act area as well as other state and federal initiatives designed to protect water quality.
- Received a call from Keith Horsley and Bill Sterling, Gloucester County residents, concerning VDOT's closing of all state wharfs to overnight moorage under VDOT's ownership. Closed wharfs included one wharf in Middlesex County and three in Gloucester County. This move by VDOT forced relocation up to 60 watermen across the Middle Peninsula and Northern Neck. These watermen would have to find dockage elsewhere. Outreached to Delegate Keith Hodges to discuss the reason for the closure. Delegate Hodges contacted *Quintin D. Elliott*, VDOT Fredericksburg District Administrator. Mr. Elliot ordered the reopening of the wharfs and agreed to discuss a better strategy to managing the wharfs in the future.
- Consulted with Mindy Moran, Mathews County Administrator, and *Ursula Lemanski*, Virginia Projects Manager for the *National Park Service*, concerning convening a special meeting to discuss possible uses of the Hall donation site in Mathews County. Tentatively agreed to meet in August with local stakeholders.
- Convened the monthly meeting of the Middle Peninsula Local Government Administrators. Discussed storm water program update; VDOT actions to close all state wharfs to overnight moorage within the Fredericksburg District; meeting with the State Water Commission to discuss local governments perspective on management of water resources; deployment of broadband services across the Middle Peninsula using the King and Queen County model; and the impact of the VDLP program on local and regional governments.
- Worked with Jim Vadas, Clearwater Forestry, on forestry thinning projects at the Haworth and Clay Tracts in King and Queen County. The Haworth Tract is currently in production and the Clay Tract has a signed contract for thinning in the next 12 months.
- Met with Beth Polak, Coastal Zone Management, in Richmond, Virginia, to discuss the MPCBPAA properties, including the future plans for the Lands End tract in Gloucester County and the current status and usage of the Haworth (King and Queen County), Clay (King and Queen County), Browne (King and Queen and Essex Counties), Shenk (Gloucester County), and Hall (Mathews County)

parcels. Also discussed the progress on the Perrin Wharf slip project in Gloucester County.

AUGUST 2013

- Created a large scale map of the Lands End Property for a Management Planning meeting on July 18, 2013.
- Created two large scale maps of the Hall Tract (Mathews County tract donated to the PAA in 2010) for a work group meeting on August 1.
- Made suggested changes to the Water Reuse grant application to the Virginia Coastal Zone Management Program. Updates clarified specific outcomes of the Water Reuse Stakeholder Committee.
- Spoke with Creig Moore, Gloucester County Emergency Management Coordinator, regarding the hazards mitigation plan and the differences between the MPPDC and the Hampton Roads PDC planning efforts.

SEPTEMBER 2013

- Attended the Universal Design for Water Access Workshop on Wednesday, September 11, in Smithfield, VA. Gathered information on ADA compliance issues pertaining to docks, piers, outdoor areas, trails, shooting platforms, etc. Information will be used to design MPCBPAA areas to meet ADA regulations and allow for access for people with disabilities.
- Spoke with Beth Polak, VA CZM, several times about the need for historical information on MPCBPAA properties and various Working Waterfronts throughout the Middle Peninsula region. Provided Ms. Polak with all information available at the MPPDC. Ms. Polak is developing articles for the CZM magazine that will highlight the Working Waterfront and Public Access issues, challenges, and successes in the Middle Peninsula. The articles may include the Counties of Essex, Gloucester, King and Queen, King William, Mathews, Middlesex, and the Towns of Tappahannock, Urbanna, and West Point.
- Convened the September Local Government Administrators meeting. Agenda items included: presentation by Randy Wheeler, President Virginia Local Government Management Association; Middlesex Resolution regarding Potomac Aquifer Concerns; presentation by Paul Oswell, Regional Director, Virginia Department of Social Services; DEQ Water Supply Plan Compliance Findings; DEQ/DCR Stormwater Management Program Grant Award and discussion of local match requirements; University Partnership DHCD Planning Grant Award and timetable; Mayors and Chairs meeting for October; Notice to Fund – EDA

Broadband Grant; FEMA Award to update Middle Peninsula Natural Hazard Mitigation Plan.

- Consulted with Dr. Willy Reay, Director of the Chesapeake Bay National Estuarine Research Reserve in Virginia located at the Virginia Institute of Marine Science concerning the establishment of sentinel sites across the lower Chesapeake Bay to assist with real time data collection to track the rate of sea level rise across the Bay.
- Consulted with Crag Mulligan, owner of Davis Creek Marina in Mathews County concerning dredging issues. Discussed previous work of the MPPDC and MPCBPAA to approach dredging and sediment management. Discussed a new MPPDC project focusing on adapting Tax Incremental Financing “TIF” for targeted areas in need of financing for dredging projects.
- Participated in the planning committee for the Second National Social Coast Forum to be held in Charleston, South Carolina. The forum will focus on local social problems related to coastal zone management across the coastal U.S.
- Convened the August meeting of the Local Government Administrators. Arraigned for Melanie Davenport, Director for the Department of Environmental Quality Water Quality Program, to provide an update on the merger of DEQ and DCR into one program. Discussed DEQ’s approach to the development of Local Stormwater management programs.
- Assisted Middlesex County with the submittal of an application requesting Virginia Department of Health, Drinking Water assistance program funds for the study of a distributed water system in Deltaville Virginia.
- Consulted with Joe Schumacher of Congressman’s Whitman’s office concerning changes to the National Flood Insurance Program under the Biggert Watters National Insurance Reform Bill. Changes to the NFIP program will increase premiums to those who have older homes, second homes, homes with repetitive claims. Adjustments are intended to actualize the premium levels to match the level of risk of the homeowner.
- Attended the Coastal Policy Team meeting held at the Virginia Department of Environmental Quality. Discussed proposals submitted for funding across the Coastal Zone. MPPDC was awarded two proposals for future funding: Water Reuse proposal study and a dredging financing study.
- Attended and presented at the College of William and Mary Coastal Law Policy Clinic Adaptive Planning for Flooding and Coastal Change in VA: Legal and Policy Issues for Local Government workshop.

- Corresponded with Charles Banks and Melissa Hall of Virginia Department of Conservation and Recreation to schedule a workshop at the PDC to review new Flood Insurance Rate Maps (FIRM) panels and needed changes to locality floodplain ordinances at the PDC. A workshop has been scheduled for October 24 at 10:00 a.m. at the PDC Saluda office.

OCTOBER 2013

- Met with Bill Nachman, *Gloucester-Mathews Gazette Journal*, and spoke with Matt Sabo, *Daily Press*, about the Perrin Wharf Construction Project in Gloucester County. Each paper published an article in September discussing the project in a positive light.
- Submitted semiannual financial report and reimbursement request to April Bahen, CZM/DEQ.
- Researched right-of-way ownership for Paradise Lane and rights state has in use of right-of-way.
- Researched ownership and use information for properties along the Aberdeen Creek Master Plan study area.
- Consulted with Rod Gordon, Essex County Department of Social Services, related to a disabled client living in substandard housing with snakes and lizards being routinely removed from the home. Mr. Gordon was inquiring about various programs which may be brought to the situation to improve the quality of life of the Essex County citizen.
- Met with Chris Ingram, Middlesex County Economic Development Director, concerning various issues impacting economic growth within Middlesex County and the region as large. Discussed tourism, working waterfronts preservation, and wage and labor issues.
- Consulted with Pete Mansfield, Middlesex County Board of Supervisor, concerning the drafting and submittal of a regional resolution to bring awareness of water quality challenges of the Potomac aquifer.
- Convened the October Local Government Administrators Meeting. Agenda items included:
 - VDOT 6 Year Plan and General Transportation Planning Update
 - VDOT Ditch Study Results
 - DEQ Water Supply Plan Compliance Findings
 - DEQ Stormwater Update
 1. Mayors and Chairs meeting on Oct 16th - Stormwater Local Program Development/Education Discussion

2. Strategy agreement on program structure and cost share commitment

- Attended a Hampton Roads Sea Level Rise/Flooding Adaptation Forum on October 2nd at ODU University. Discussed rural flooding issues impacting the Middle Peninsula.
- The Middle Peninsula Chesapeake Bay Public Access Authority closed on two new private land donations for public water access. The 5.635 acre site and the 1.78 acre site are both located in lower Mathews County on the Mobjack Bay.

NOVEMBER 2013

- Provided staff support for the MPCBPAA in areas such as: property maintenance, equipment maintenance, duck blind construction, and public interaction.
- Consulted with Kirk A. Whiting, Director of Operations and Marketing for Virginia Interactive, LLC concerning automating the registration process for future PAA users. Provided a matrix of all PAA properties and possible uses which could have a fee associated to generate revenue to help sustain the operations of the PAA.
- Participated in the third Social Coast Forum conference planning team meeting. The Social Coast Forum will be held in February in Charleston, South Carolina. The focus of the second national forum will be *Understanding people—where they live, what they do, what they value—is an important part of successful coastal management*. The Forum is being discussed and promoted as important because of the following.....

"Of course, a community is more than just its local government. Culture also plays a role; culture, that is, in the sense of a community's collective behaviors, assumptions, values, relationships, and shared history. Culture is why things-politics, business, recreation, daily life-are done differently in Osaka, Nairobi, and Houston. It's the framework through which the community exists in the present and plans for the future."

- Consulted with Lee Stephens of Lee Stephens' Law concerning an issuance of a letter of no-trespass given to an adjoining land owner at the Williams Wharf facility in Mathews County. The Middle Peninsula Chesapeake Bay Public Access Authority holds the public access easement and has the duty to ensure that the public's right of access is not limited by the letter of no-trespass or does the letter of trespass have standing.

- Attended a meeting held at the Virginia Department of Housing and Community Development in Richmond with Essex County representatives to review the proposal submitted for an Enterprise Zone designation. Discussed improvement to the application for the next funding cycle as well as other strategies to make Essex County more economically competitive.
- Consulted with Pete Mansfield, Middlesex County Board of Supervisors, concerning salt water intrusion and overall water consumption from the Potomac Aquifer as well as various strategies for discussing the need for promoting water reuse across the region. Discussed the need to promote awareness of Middle Peninsula drinking water and water reuse challenges as well as a resolution encouraging localities to engage in a discussion about the importance of water reuse and water preservation.
- Provided Middlesex County Administrator Matt Walker with information concerning pet waste disposal stations for a potential dog and cat park in Deltaville. Advised that the York and Small coastal Basins Roundtable has funding to assist localities with purchasing pet waste disposal stations for water quality improvements.
- Discussed Chesapeake Bay Septic Pump Out requirements with a reporter from Smithfield. The reporter was interested in knowing if Middle Peninsula localities send out notices reminding community members of the requirements to pump out septic systems.

DECEMBER 2013

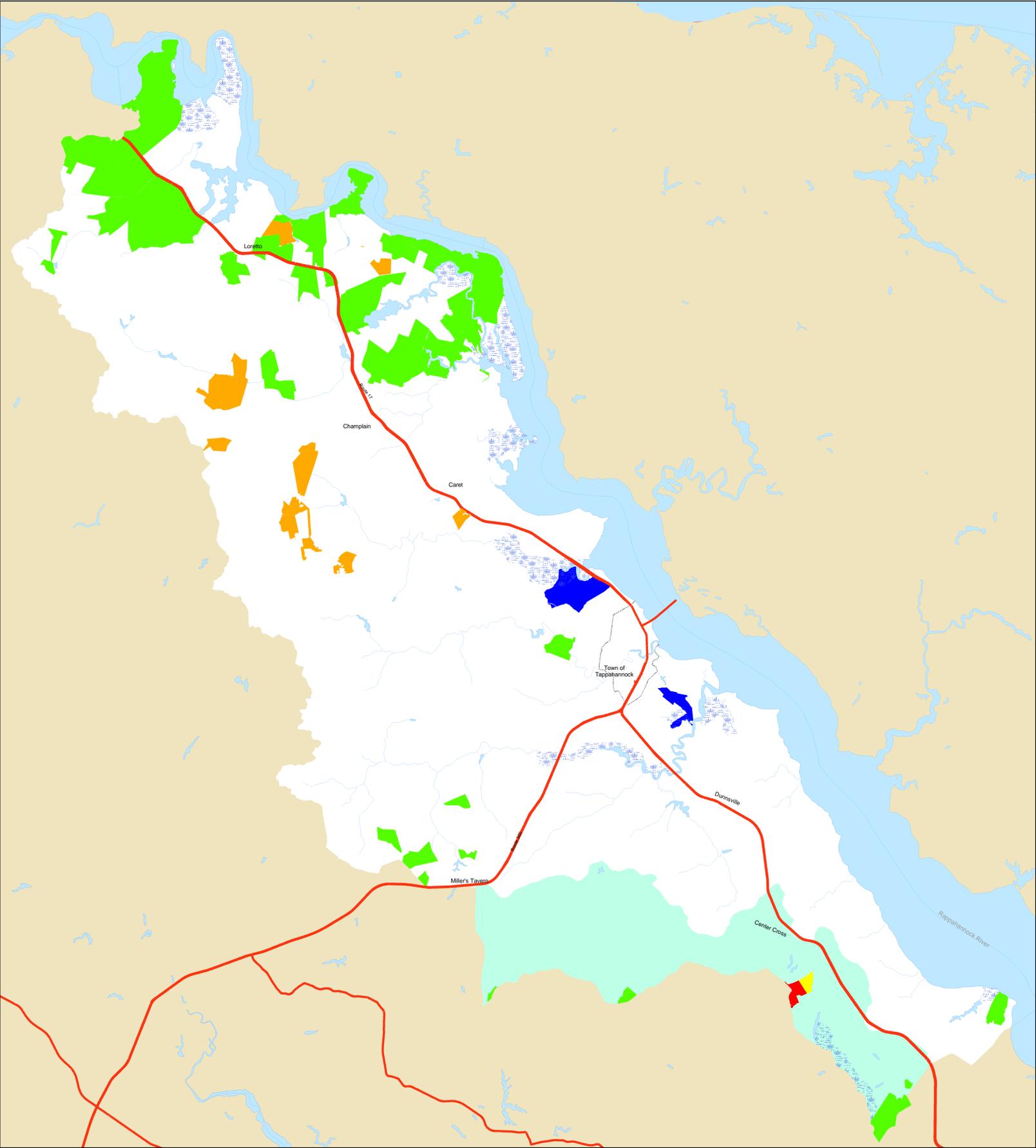
- Submitted a re-scoped proposal of Essex County's IDA Agriculture and Forestry Industry Development (AFID) application to the Virginia Department of Agriculture and Consumer Services (VDACS) which included suggested additions, including a list of Agriculture and Forestry Industries Advisory Board members and a draft Request for Proposals to complete the plan.
- Essex County IDA received notification that the re-scoped AFID project proposal was strong and has recommended it for funding provided that prior to implementation the following occur: (1) The Essex County Board of Supervisors passes a resolution supporting the effort and stating it will consider for adoption the comprehensive strategic plan that is to be the product of this effort, (2) Representatives from the Essex County Board of Supervisors and/or Essex County Staff participate in the Advisory board overseeing and implementing this grant, and (3) The advisory board and/or Essex County IDA consult with the relevant persons from James City County and the Region 2000 PDC to benefit from their experience in undertaking similar AFID Planning Grants. Drafted a resolution to present at the December Board of Supervisors meeting to begin to address these tasks.

- Consulted with Sean Trapani, VDOT Saluda Resident Engineer, concerning how York County inventories ditches as a possible model for use across the Middle Peninsula.
- Discussed the VDOT Recreational Road Access program with Bill Dandridge, Project Manager for VDOT. Scheduled a meeting at the Captain Sinclair's Landing in Gloucester County to discuss the possibility and eligibility of elevating the road to improve transportation access to the property during periods of moderate flooding.
- Consulted with Sean Trapani, VDOT Saluda Resident Engineer, concerning Carmine Island road ending in Gloucester County as to whether the road has a public interest to the water's edge. Mr. Trapani will provide a copy of the VDOT file for review.
- Discussed biosolids application and enforcement issues related to a biosolids overspray on a public road in King William County with Delegate Keith Hodges.
- Reviewed and discussed the submittal process requesting financial assistance from the Department of the Interior/ National Fish and Wildlife Foundation under the Hurricane Sandy Coastal Resilience RFP. Began drafting a proposal to submit an application to inventory and redesign failing ditches across the Middle Peninsula as well as a proposal to fund a revolving loan and grant program for living shorelines as an adaptation strategy to improve water quality and for adaptation to reoccurring flooding.
- Consulted with Jim Smith, President of Mathews Land Conservancy, and adjoining property owners to the Williams Wharf facility in Mathews County concerning a letter of trespass issued by the Conservancy to the landowners. The question before the Middle Peninsula Chesapeake Bay Public Access Authority is - to what extent does the letter of trespass conflict with the public's right for ingress and egress covered under the public access easement held by the Authority.
- Received notification of abstract acceptance to speak at the 2014 National Social Coast forum to be held in Charleston South Carolina in February 2014. Submitted a talk to promote the Middle Peninsula Chesapeake Bay Public Access Authority in obtaining private land for public use.
- Attended the winter meeting of the Coastal PDC Committee held at Richmond Regional PDC office. Met with representatives from DEQ and discussed upcoming TMDLs and Chesapeake Bay clean up expectations for local government.

- Met with John Accordino, Director Center for Urban and Regional Development at VCU, and Thomas Jacoberson, Adjunct Professor at the VCU Urban and Regional Planning program, concerning ways in which VCU can assist with the collection of local demographic data and help with new analysis to determine trends and barriers for community development across the Middle Peninsula and beyond.

Appendix B
Essex Countryside Alliance
2013 Protected Lands Map

Protected Lands 2013 Essex County, Virginia



Protected Lands reported to PDC as of June 2013

- Essex County's Additional Protected Parcels June 2012-June 2013

Lands Protected in Previous Map Updates:

- Rappahannock River Valley National Wildlife Refuge
- VA Department of Forestry
- Middle Peninsula Chesapeake Bay Public Access Authority
- Land Protected by Private Landowners

Watershed Unit:

- Dragon Run Watershed in Essex County

Data for the map provided by Essex County, the Virginia Department of Conservation & Recreation's protected lands database, Virginia Outdoors Foundation & The Nature Conservancy.

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Although this data has been used by the Middle Peninsula Planning District Commission (MPPDC), no warranty, expressed or implied is made by the MPPDC as to the accuracy or application of the database and related materials, nor shall the field of distribution constitute any such warranty, and no responsibility is assumed by the MPPDC in connection herewith. This map was created June 2013 by MPPDC staff (JRCM).

This map production is a product of the MPPDC Technical Assistance Program and was funded by Virginia's Coastal Zone Management Program of the Department of Environmental Quality through Grant #NA11HDG419122 Task 44 of the National Oceanic and Atmospheric Administration, Office of Ocean and Coastal Resources Management, Under the Coastal Zone Management Act of 1972, as amended.

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Appendix C
Biggert-Waters Flood Insurance Reform
Act of 2012 Presentation

Biggert-Waters Flood Insurance Reform Act of 2012: What You and Your Constituents Need to Know

Shannon Hulst, Wetlands Watch
October 23, 2013

Flood Insurance
COASTAL CHANGE IN VIRGINIA

Wetlands Watch and Insurance

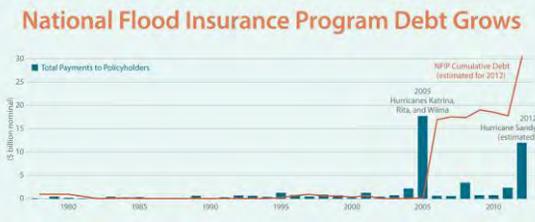
- Interest in coastal open space, mechanisms for maintaining/creating open space
- Insurance study
 - www.wetlandswatch.org
- Private insurance and flood insurance costs are increasing



Flood Insurance
COASTAL CHANGE IN VIRGINIA

Background: Flood Insurance

National Flood Insurance Program Debt Grows



Sources: FEMA 2013a; estimate for 2012 NFIP payments for Hurricane Sandy from King 2013; estimate for 2012 NFIP debt based on its borrowing limit of \$30.4 billion set by the Hurricane Sandy Relief Act.

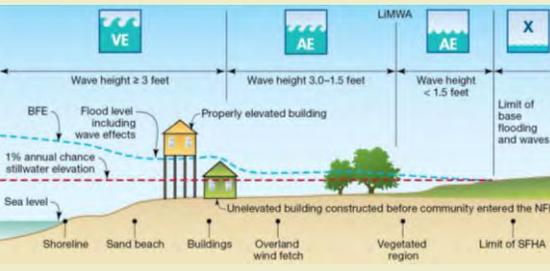
Flood Insurance
COASTAL CHANGE IN VIRGINIA

Biggert-Waters Intent

- Purpose: Financial stability for NFIP
- Removes subsidies and grandfather provisions
- Creates catastrophe fund
- Allows NFIP to use most accurate/predictive flood data
- (In theory) allows NFIP to pay off \$24 billion debt to Treasury/federal taxpayers

Biggert-Waters Flood Insurance Reform Act of 2012
COASTAL CHANGE IN VIRGINIA

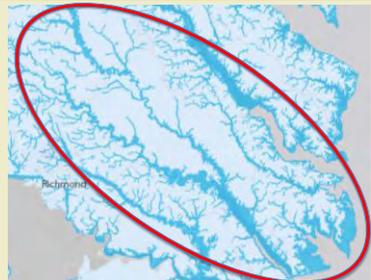
What is Affected: SFHA



Source: https://www.rampp-team.com/county_maps/virginia

Biggert-Waters Flood Insurance Reform Act of 2012
COASTAL CHANGE IN VIRGINIA

What is Affected: SFHA



Source: <http://www.arcgis.com/home/webmap/viewer.html?webmap=e9aa2179f31b4b9cbe5c78b1b91cea3>

Biggert-Waters Flood Insurance Reform Act of 2012
COASTAL CHANGE IN VIRGINIA

25% Rate Increases Now in Effect

- Subsidized non-primary residences
- Subsidized business properties
- Severe repetitive loss/properties with cumulative flood claim damage totaling more than the value of the property
- Improvements of 30% or more, or damages of 50% or more

www.wetlandswatch.org

Biggert-Waters Flood Insurance Reform Act of 2012
COASTAL CHANGE IN VIRGINIA

Biggert-Waters Act: Number of Properties with Increases in 2013 in Tidewater

Properties Affected in 2013

- 0 - 48
- 49 - 138
- 139 - 257
- 258 - 457
- 458 - 869

See the Wetlands Watch website for more Biggert-Waters impact maps: <http://www.wetlandswatch.org/WetlandScience/SeaLevelRise/FloodInsurance.aspx>

www.wetlandswatch.org

Biggert-Waters Flood Insurance Reform Act of 2012
COASTAL CHANGE IN VIRGINIA

Full Rates Now in Effect

- First-time policy purchase
- Renewal after a policy lapse
- Policy purchase after a property sale

www.wetlandswatch.org

Biggert-Waters Flood Insurance Reform Act of 2012
COASTAL CHANGE IN VIRGINIA

20% Rate Increases Effective 2014

- All remaining subsidized or grandfathered properties
- Dependent on map changes
- Projected final effective dates:
 - Essex: 1/16/15
 - Gloucester: 7/16/14
 - King and Queen: 2015?
 - King William: 2015?
 - Mathews: 11/5/14
 - Middlesex: 2015?

www.wetlandswatch.org

Biggert-Waters Flood Insurance Reform Act of 2012
COASTAL CHANGE IN VIRGINIA

Flood Map Changes

Source: <http://maps.riskmap3.com/>

www.wetlandswatch.org

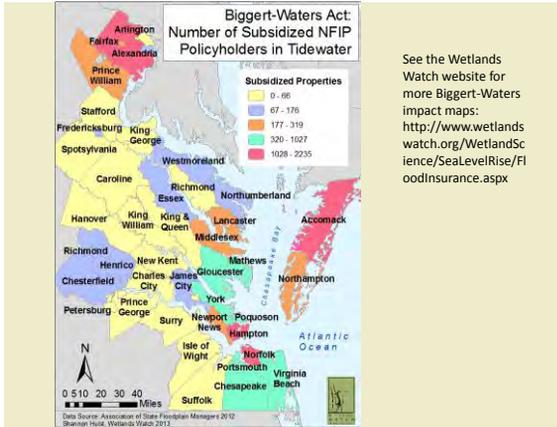
Biggert-Waters Flood Insurance Reform Act of 2012
COASTAL CHANGE IN VIRGINIA

Flood Map Changes

Source: <http://maps.riskmap3.com/>

www.wetlandswatch.org

Biggert-Waters Flood Insurance Reform Act of 2012
COASTAL CHANGE IN VIRGINIA



What Property Owners Can Do

- Find out if the property is subsidized/grandfathered
- Get an elevation certificate
- Do not let coverage lapse
- Small fixes (e.g. flood vents)
- Elevate
- FEMA grants for elevation or acquisition



Flood Insurance
COASTAL CHANGE IN VIRGINIA

www.wetlandswatch.org

What Communities Can Do: CRS

Community Rating System Participation in Virginia

Legend

Participating Communities

- Top 50 Communities based on policy count
- Participate in CRS

Non-Participating Communities

- The 50 Communities based on policy count
- Do NOT participate in CRS

CRS Program
COASTAL CHANGE IN VIRGINIA

www.wetlandswatch.org

CRS Discounts

CLASS	DISCOUNT	CLASS	DISCOUNT
1	45%	6	20%
2	40%	7	15%
3	35%	8	10%
4	30%	9	5%
5	25%	10	—

SFHA (Zones A, AE, A1-A30, V, V1-V30, AO, and AH): Discount varies depending on class.
 SFHA (Zones A99, AR, AR/A, AR/AE, AR/A1-A30, AR/AH, and AR/AO): 10% discount for Classes 1-6; 5% discount for Classes 7-9.*
 Non-SFHA (Zones B, C, X, D): 10% discount for Classes 1-6; 5% discount for Classes 7-9.

* In determining CRS Premium Discounts, all AR and A99 Zones are treated as non-SFHAs.

Source: http://www.fema.gov/media-library-data/20130726-1651-20490-3916/_19_crs_may2013_3.14.13.pdf

CRS Program
COASTAL CHANGE IN VIRGINIA

www.wetlandswatch.org

CRS Activity Examples

- Public Information
 - Elevation certificates, outreach, hazard disclosure
- Mapping and Regulations
 - Open space preservation, stormwater management
- Flood Damage Reduction
 - Acquisition/relocation, floodplain management planning
- Warning and Response
 - Flood warning and response, dams, levees

CRS Program
COASTAL CHANGE IN VIRGINIA

www.wetlandswatch.org

Social Impacts

- Home sales, removal of subsidies/grandfathering, mandatory purchase requirements
 - Gentrification
 - Hollowing out
- CRS provides opportunity to mitigate potential negative impacts, strengthen floodplain management, and increase community resiliency

Biggert-Waters and the CRS Program
COASTAL CHANGE IN VIRGINIA

www.wetlandswatch.org



Questions?



Flooding in Gloucester, VA

Source: www.wavy.com

www.wetlandswatch.org

Flood Insurance
COASTAL CHANGE IN VIRGINIA

Appendix D
MPCB PAA Property Acquisition Map
Sinclair Landing

Laird Property Parcels: Potential Gift to PAA Gloucester County

