

Year: 2012

VIRGINIA COASTAL ZONE MANAGEMENT PROGRAM
Performance Report, Section A, for Cooperative Agreement No. NA12NOS4190168
for the period from 

Task: 1	Dept. of Environmental Quality - Virginia Coastal Zone Management Program			Current Federal Total:	\$282,000.00
Coastal Program Management					
<u>Project status:</u>	<u>Current approved</u>			<u>Final deliverable(s) status:</u>	Submit w/next Semiannual Report
Open	Start:	End:	Closeout:		
	10/1/2012	6/30/2014	9/30/2014		

This task is complete however about \$1600 remains in Task 1 which will be expended during the next quarter.

Task: 1.01	Virginia Institute of Marine Science - Chesapeake Bay National Estuarine Research R			Current Federal Total:	\$104,972.00
Coastal Management Support					
<u>Project status:</u>	<u>Current approved</u>			<u>Final deliverable(s) status:</u>	Previously Submitted
Closed	Start:	End:	Closeout:		
	10/1/2012	9/30/2013	12/31/2013		

Task: 1.02	Virginia Commonwealth University			Current Federal Total:	\$85,200.00
Coastal Management GIS Support And Coastal GEMS Maintenance					
<u>Project status:</u>	<u>Current approved</u>			<u>Final deliverable(s) status:</u>	Attached
Closed	Start:	End:	Closeout:		
	10/1/2012	9/30/2013	12/31/2013		

Task: 1.03	Dept. of Environmental Quality - Virginia Coastal Zone Management Program			Current Federal Total:	\$98,000.00
Virginia CZM Program Outreach and Publications					
<u>Project status:</u>	<u>Current approved</u>			<u>Final deliverable(s) status:</u>	Project Period Open
Open	Start:	End:	Closeout:		
	10/1/2012	12/31/2014	3/31/2015		

This grant has been extended through December 2014 to use unexpended funds to support fall Plant NNK Natives and Plant ES Natives public events. (\$4800) and provide a small portion of the funds (\$1100) needed to print the Summer 2014 issue of Virginia Coastal Management magazine. The remainder of the required printing funds will be taken from FY2013 Task 1.03.

Final Products	% Completion	Anticipated Completion Date
Multi-Media Outreach Strategies	100%	
Printed Media	50%	December 30, 2014
Events and Training	90%	December 30, 2014
Electronic Media	100%	

Task: 2	Dept. of Environmental Quality - Virginia Coastal Zone Management Program			Current Federal Total:	\$11,654.00
Quick Response Grants					
<u>Project status:</u>	<u>Current approved</u>			<u>Final deliverable(s) status:</u>	Funds Transferred Out of Task
Proposed	Start:	End:	Closeout:		
	10/1/2012	3/31/2014	6/30/2014		

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Task: 2.01	Back Bay Restoration Foundation	Current Federal Total:	\$2,760.00
Back Bay Restoration Foundation State of the Bay Conference			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Previously Submitted
Closed	Start: End: Closeout:		
	10/1/2012 9/30/2013 12/31/2013		

Task: 3	Dept. of Environmental Quality - Environmental Impact Review	Current Federal Total:	\$217,000.00
EIR and Federal Consistency			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Attached
Closed	Start: End: Closeout:		
	10/1/2012 12/31/2013 3/31/2014		

Task: 4	Dept. of Environmental Quality	Current Federal Total:	\$0.00
Water Quality Improvement Fund (WQIF) Match - City of Richmond Wastewater Treatment Plant Nutrient Removal Upgrade			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Attached
Closed	Start: End: Closeout:		
	10/1/2012 9/30/2013 12/31/2013		

Task: 5	Virginia Marine Resources Commission	Current Federal Total:	\$160,000.00
Permit Review & Compliance			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Attached
Closed	Start: End: Closeout:		
	10/1/2012 9/30/2013 12/31/2013		

Task: 6	Dept. of Conservation & Recreation - Natural Heritage	Current Federal Total:	\$50,000.00
Habitat Conservation - Locality Liaison			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Attached
Closed	Start: End: Closeout:		
	10/1/2012 9/30/2013 12/31/2013		

Task: 7	Virginia Institute of Marine Science - Center for Coastal Resources Management	Current Federal Total:	\$42,000.00
Tidal Wetlands Management Technical Support			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Attached
Closed	Start: End: Closeout:		
	10/1/2012 9/30/2013 12/31/2013		

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**Performance Report, Section A, for Cooperative Agreement No. NA12NOS4190168
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Task: 8	Virginia Institute of Marine Science	Current Federal Total:	\$60,000.00
2012 Submerged Aquatic Vegetation Distribution and Abundance Survey of Virginia's Chesapeake Bay and its Tributaries			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Attached
Closed	Start: End: Closeout:		
	10/1/2012 12/31/2013 3/31/2014		

Task: 9	Dept. of Conservation & Recreation	Current Federal Total:	\$27,000.00
Healthy Waters Initiative and VNEMO Program in Coastal Zone			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Submit w/next Semiannual Report
Open	Start: End: Closeout:		
	10/1/2012 6/30/2014 9/30/2014		

For the grant reporting period, the Environmental Scientist/Analyst with the Virginia Commonwealth University Center for Environmental Studies in the Department of Life Sciences continued to serve as the Program Manager of the Virginia Healthy Waters Program and the Virginia Coastal Nonpoint Source Pollution Control Program (CNP), Virginia Network of Education of Municipal Officials Program (VNEMO) at the Virginia Department of Conservation and Recreation. The VCU Environmental Analyst/ Program Manager focuses these efforts to expand the implementation of the programs and directs workshops and educational opportunities to local decision makers. Through the VNEMO Program, the Program Manager also directs research and education on innovative stormwater management technologies at the Science Museum of Virginia.

The grant was offered a no-cost extension to June, 30, 2014 to expend the remaining monies from the grant in support of the development of the VA Oyster Shell Recycling Program at the VCU Rice Rivers Center. During the reporting period, the funds supported the development of marketing materials and supplies that included buckets/lids and bumper stickers to identify the buckets from waste pails at the businesses. The VA Oyster Shell Recycling Program piloted four Richmond restaurants (Lemaire, Pearl Raw Bar, Rappahannock Restaurant, and Acacia) to direct waste oyster shells for the purpose of restoring the wild Chesapeake oyster (*Crassostrea virginica*). The Program worked closely with the Virginia Green Program and the Chesapeake Bay Foundation to establish a volunteer based collection system to move shells from businesses to a central collection point. The CZM Program supported the development of signage at the central collection site with funds other than those included in this grant. Other partners include the City of Richmond, Tidewater Fiber Corporation, and the Riverine Master Naturalists.

Final Products	% Completion	Anticipated Completion Date
Healthy Waters Initiative and VNEMO Program Final Report	95%	June, 2014

Task: 10	Dept. of Conservation & Recreation	Current Federal Total:	\$200,000.00
Acquisition of Dune Woodlands Adjacent to Pickett's Harbor NAP			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Project Pending
Proposed	Start: End: Closeout:		
	5/1/2014 12/31/2014 3/31/2015		

The Southern Tip partners held a two day meeting November 20-21 to share experiences in restoring habitats at various parks and natural areas - many of which were funded by FY 2011 CZM grants. As part of the agenda, a field trip was taken to Picketts Harbor Natural Area Preserve where hundreds of wax myrtles had been planted and where adjacent lots have been placed for sale. These adjacent lots contain old maritime forest on a an ancient dune bluff. The lots, about 2 acres, extend inland and back up to the Preserve. After researching the availability and sale price further, at the next meeting of the Southern Tip partners on February 20, it was decided that FY12 and FY13 CZM land acquisition funds should be used for purchase of one or more of these lots given their high priority location and their "extraordinary" ranking in the VA Ecological Value Assessment. DCR has begun developing the 306A documentation for acquisition (including the appraisal) and expects to have all required documentation submitted to the CZM Program by Sep 30 2014.

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**Performance Report, Section A, for Cooperative Agreement No. NA12NOS4190168
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Task: 11	Virginia Institute of Marine Science	Current Federal Total: \$180,000.00	
Seaside Restoration			
<u>Project status:</u>	<u>Current approved</u>		<u>Final deliverable(s) status:</u> Project Period Open
Open	Start:	End:	Closeout:
	4/1/2013	9/30/2014	12/31/2014

Seagrass Restoration and Water Quality Monitoring: VIMS was unable to get aerial photography of the coastal bays in the late spring of 2013 because of poor weather, and thus had to wait until Oct. 3, 2013 when VIMS was finally able to obtain photography. However, only beds in South Bay were clearly noted on the film. VIMS conducted an additional flight on Nov. 29, 2013 but the eelgrass had thinned to where it was impossible to map the boundaries of the beds. Thus, VIMS will be unable to get a full census of all the bays for eelgrass coverage in 2013. Faunal samples were collected in Chincoteague Bay and South Bay in November, while fishes were sampled in October.

Dataflow cruises were successfully completed on October 25, 2013, November 26, 2013 and March 24, 2014. Measurements including, salinity, temperature, turbidity, phytoplankton chlorophyll, pH, dissolved oxygen, and depth were recorded at approximately 50m intervals along the cruise tracks. The continuous water quality monitoring stations in South Bay and Spider Crab Bay continued to operate for the entire Oct. 1, 2013, through March 31, 2014 period. Measurements including salinity, temperature, turbidity, phytoplankton chlorophyll, pH, dissolved oxygen, and depth were taken at 15 minute intervals continuously during that period. The continuous water quality monitoring stations in South Bay and Spider Crab Bay continue to operate, and maintenance has been performed at approximately biweekly to monthly intervals depending on fouling conditions. Real time data can be observed at <https://stormcentral.waterlog.com/public/vims>.

Scallop Restoration: During this period, VIMS Eastern Shore Lab staff continued to maintain juvenile scallops produced in 2013. 4,000 scallops from spawns that occurred in spring 2013 were held over winter in cages in South Bay. These scallops are expected to spawn in spring 2014 and provide larvae to the grass bed. Another cohort of scallops, spawned in late summer of 2013, yielded 110,000 juveniles that were transferred to the field-based nursery for holding over the winter. These scallops were counted and measured at the end of March 2014 and a total of 66,000 remained alive. The 60% survival rate in the field-based nursery through the winter is below the 75% survival that is typically observed through this phase and likely reflects a particularly cold winter in the region. These scallops will be moved to the grassbed in South Bay in early April to serve as spawning stock in the coming year.

Final Products	% Completion	Anticipated Completion Date
Coastal Gems data	0	5-15-2014
Final Report	0	5-15-2014

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**Performance Report, Section A, for Cooperative Agreement No. NA12NOS4190168
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Task: 41	Accomack-Northampton Planning District Commission			Current Federal Total:	\$30,000.00
A-NPDC Technical Assistance Program					
<u>Project status:</u>	<u>Current approved</u>			<u>Final deliverable(s) status:</u>	Submit w/next Semiannual Report
Open	Start:	End:	Closeout:		
	10/1/2012	3/31/2014	6/30/2014		

Climate Adaptation Working Group

A-NPDC has held 2 CAWG meetings. The group coordinated the development and promotion of the NOAA Sea Level Rise Viewer and the Nature Conservancy's Coastal Resilience Support Tool. The group developed and sponsored 2 public workshops to educate local citizens and elected officials about impacts from sea level rise and changes to private and federal insurance programs. The group worked to develop a regional science symposium to highlight research in the region.

Coastal Management Trainings

A-NPDC has successfully directed 6 events that reached nearly 352 people representing 114 stakeholder groups. Trainings have incorporated the following: groundwater quality, flooding, waste management/pollution prevention and insurance.

Technical Assistance

A-NPDC coordinated a GIS Users Group to provide training, information, and a forum for data sharing within the region. A-NPDC served on local committees including the Environmental Education Council, Resource Conservation & Development Council, Watersheds Network, MARCO Ocean Planning Workshop, FEMA FIRM Advisory Committee, Farm Bill Working Group, VA Tourism Plan Advisory Committee, VA Coastal Policy Team & VA Coastal PDC Team. A-NPDC assisted a local NGO with printing of documents for dissemination to raise awareness for recycling & proper solid waste disposal.

Ground Water Committee

A-NPDC held 4 committee meetings and hosted 1 public workshop entitled "Geology of the Shore & How It Influences Our Groundwater". The Committee reviewed and commented on 11 groundwater withdrawal permits. The Committee completed an update to the 20 year-old ESVA Ground Water Supply Protection & Management Plan. The Committee completed a groundwater quality of residential well water within 2 communities in partnership with Randolph-Macon College.

Eastern Shore of Virginia Coastal Change Archive

A-NPDC populated the Archive with over 200 stories of observed changes to the natural environment resulting from sea level rise and climate change. These stories were solicited during 2 one-day interview sessions attended by 20 knowledgeable long-time local residents. VCZM assisted with the interview workshops and data compilation and processing. The Archive will be posted to Coastal GEMS in the near future and a protocol for continued expansion of the Archive has been established. A-NPDC continued to explore opportunities for having Bloomsburg University involve students to assist with further solicitation of archive accounts.

Benefits Accrued from Prior CZM Grants Report: A-NPDC has compiled all information and incorporated into the report.

Final Products	% Completion	Anticipated Completion Date
Climate Adaptation Working Group Report	100%	3/31/2014
Coastal Management Training Report	100%	3/31/2014
Technical Assistance Report	100%	3/31/2014
Ground Water Committee Report	100%	3/31/2014
Eastern Shore of Virginia Coastal Change Archive	100%	3/31/2014
Benefits Accrued from Prior CZM Grants Report	100%	3/31/2014

Task: 42	Crater Planning District Commission			Current Federal Total:	\$30,000.00
Crater PDC Technical Assistance Program					
<u>Project status:</u>	<u>Current approved</u>			<u>Final deliverable(s) status:</u>	Attached
Closed	Start:	End:	Closeout:		
	10/1/2012	9/30/2013	12/31/2013		

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Task: 43	Hampton Roads Planning District Commission	Current Federal Total:	\$60,000.00
Hampton Roads Technical Assistance Program			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Attached
Closed	Start: End: Closeout:		
	10/1/2012 9/30/2013 12/31/2013		

Task: 44	Middle Peninsula Planning District Commission	Current Federal Total:	\$30,000.00
MPPDC Technical Assistance Program			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Attached
Closed	Start: End: Closeout:		
	10/1/2012 12/31/2013 3/31/2014		

Task: 45	Northern Neck Planning District Commission	Current Federal Total:	\$30,000.00
Northern Neck PDC Technical Assistance Program			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Attached
Closed	Start: End: Closeout:		
	10/1/2012 9/30/2013 12/31/2013		

Task: 46	Northern Virginia Regional Commission	Current Federal Total:	\$30,000.00
NVRC Coastal Resources Technical Assistance Program			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Attached
Closed	Start: End: Closeout:		
	10/1/2012 9/30/2013 12/31/2013		

Task: 47	George Washington Regional Commission	Current Federal Total:	\$30,000.00
GWRC Coastal Technical Assistance Program			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Previously Submitted
Closed	Start: End: Closeout:		
	10/1/2012 9/30/2013 12/31/2013		

Task: 48	Richmond Regional Planning District Commission	Current Federal Total:	\$30,000.00
Richmond Regional PDC Technical Assistance Program			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Attached
Closed	Start: End: Closeout:		
	10/1/2012 9/30/2013 12/31/2013		

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**Performance Report, Section A, for Cooperative Agreement No. NA12NOS4190168
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Task: 49	Virginia Beach/Virginia Aquarium and Marine Science Center	Current Federal Total:	\$31,000.00
Virginia Sea Turtle and Marine Mammal Stranding Network			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Attached
Closed	Start: End: Closeout:		
	1/1/2013 12/31/2013 3/31/2014		

Task: 50	TBD	Current Federal Total:	\$0.00
PDC Competitive Grants			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Funds Transferred Out of Task
Proposed	Start: End: Closeout:		
	10/1/2012 9/30/2013 12/31/2013		

Task: 51	Accomack-Northampton Planning District Commission	Current Federal Total:	\$10,000.00
Eastern Shore Water Trails Association Development and Seaside Water Trail Camping Accommodation Implementation Plan			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Submit w/next Semiannual Report
Open	Start: End: Closeout:		
	10/1/2012 3/31/2014 6/30/2014		

Eastern Shore Water Trail Association Meetings: A-NPDC continued to work and communicate regularly with stakeholders and founding members to nurture formation of the nascent association, the Virginia Eastern Shore Paddler Association (VESPA). VESPA reached a consensus to prioritize construction of land-based camping platforms at two sites, one in each county. VESPA's primary objective was to work through A-NPDC for approval to construct platforms at the former NASA Dock in Accomack County, and at Indiantown Park in Northampton County.

A-NPDC spoke or met with numerous private, local, state and county stakeholders to build awareness of VESPA's interest in setting up land-based camping platforms at the two sites. Because Accomack County owns the NASA Dock site, A-NPDC presented to the Accomack Board of Supervisors the idea of building a land-based or floating camping platform along the Eastern Shore Water Trail, and specifically, at the former NASA Dock site, adding that A-NPDC could possibly source grant monies to remove derelict marine structures and enhance the site. The Indiantown Park site is on a strip of privately owned land that required the owners' permission for easement and right of way to access it. A-NPDC set up a meeting with one of the Northampton private property owners to discuss granting VESPA easement and/or right of way for the camping site. A-NPDC also met and spoke with an Accomack private property owner of an available hunting lodge near the NASA Dock site who said he would consider granting VESPA access.

Seaside Water Trail Camping Accommodation Implementation Plan: A-NPDC's Staff;

- Identified potential grant monies for removing derelict marine structures and enhancing the NASA Dock site.
- Presented to, and received conceptual approval from, the Accomack Board of supervisors for construction of land-based or a floating camping platforms along its portion of the Eastern Shore's Seaside Water Trail;
- Received favorable, DelMarVa Now press coverage in an article that credited VCZM/NOAA with logos and mention;
- Meeting set with private Northampton owners to present VESPA's request to grant easement and right of way was cancelled by owner at last moment, along with rejecting VESPA's request to build the platform on their property;
- Researched articles about economic development benefits rebounding from water trails;
- Established a communication link with a representative from VESPA's role model, the Maine Island Trail Association (MITA), for information and guidance on issues pertaining to VESPA's trail development objectives;
- Staff addressed concerns from three members of the Accomack Board of Supervisors, who urged VESPA and A-NPDC to consider Wishart Landing or sites other than NASA Dock for the first camping platform construction;
- Will seek additional funding to advance VESPA's objectives and pursue other sites in Accomack and Northampton.

Although the PDC was unsuccessful in securing a site for construction of camping facilities, it motivated them to seek General Assembly approval to create a Public Access Authority. That approval was received during the 2014 General Assembly session. It is anticipated that a new PAA will eventually own land and be able to construct paddle-accessible camping under its own authority.

Final Products	% Completion	Anticipated Completion Date
Eastern Shore Water Trail Association Meetings	100%	March 2014
Seaside Water Trail Camping Accommodation Implementation Plan	100%	March 2014

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Task: 52	Hampton Roads Planning District Commission	Current Federal Total:	\$30,000.00
Lavalette Ave. - Canoe/Kayak Launch and Fishing Dock			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Submit w/next Semiannual Report
Open	Start: End: Closeout:		
	10/1/2013 3/31/2014 6/30/2014		

HRPDC staff has worked with City of Norfolk staff to finalize a Memorandum of Agreement to govern completion of the project. This Agreement was voted on and passed by the Hampton Roads Planning District Commission at its March 20, 2014 meeting. HRPDC staff expects the Norfolk City Council to vote on the agreement in April or May.

Final Products	% Completion	Anticipated Completion Date
Project Management	0%	December 31, 2014
Gangway, Floating Fishing/Crabbing Dock, and Canoe/Kayak Launch	0%	December 31, 2014
Demolition of Existing Dilapidated Dock	0%	December 31, 2014
Upland Shoreline Restoration and Signage	0%	December 31, 2014

Task: 53	Hampton Roads Planning District Commission	Current Federal Total:	\$30,000.00
Nansemond River Water Access at Constant's Wharf Park and Marina			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Project Period Open
Open	Start: End: Closeout:		
	3/1/2014 12/31/2014 3/31/2015		

During the reporting period, HRPDC submitted the remaining 306A documentation and CZM Program submitted these documents to NOAA for approval. After NOAA approval, CZM contracted with HRPDC. The contract was signed on April 15, 2014, and work on the project will begin shortly.

Task: 54	Middle Peninsula Planning District Commission	Current Federal Total:	\$34,929.00
Feasibility Study to Incentivize Living Shoreline's with a Revolving Loan Program			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Attached
Closed	Start: End: Closeout:		
	10/1/2012 9/30/2013 12/31/2013		

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for the period from #Name?**

Task: 55	Middle Peninsula Planning District Commission	Current Federal Total:	\$32,883.00
Rural Chesapeake Bay/Seaside of Virginia Working Waterfront Coalition Phase 2 - Virginia Summit			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Submit w/next Semiannual Report
Open	Start: End: Closeout:		
	1/1/2013 3/31/2014 6/30/2014		

Product #1 Title: Virginia Working Waterfront Summit

The Virginia Working Waterfront Workshop was held on February 26, 2014 at the lecture hall on the campus of the Virginia Institute of Marine Science in Gloucester Point, Virginia and, remotely, at the Eastern Shore Community College in Melfa, Virginia. Multiple workshop planning meetings were held prior to the Summit with coalition partners, including the MPPDC, the Northern Neck PDC, the ANHPDC, Virginia Sea Grant, the Virginia Coastal Zone Management Program, the National Sea Grant Law Center, and watermen. These meetings were held to plan the event and develop the agenda, choose and invite speakers, and develop and implement an event marketing strategy.

Over 140 watermen, business owners, local officials and others seeking information on the preservation and revitalization of the decaying working waterfronts in Virginia participated in the workshop. Guest speakers from private and public groups covered topics related to working waterfronts such as: tools and case studies, laws, economics, zoning, legacy planning, emerging markets, and Virginia's plan for working waterfronts. Participants were asked to fill out a survey after the workshop. Results from the survey indicated that the workshop was long overdue, was educational and useful, and that a follow up workshop should happen in the next 1 to 2 years. Stakeholders represented were: watermen; businesses; planners; local elected officials; lawyers; non-profits; universities; private citizens; non-governmental organizations; reporters; and Federal, State and Local Government representatives. Reporters from newspapers covering the coasts of Virginia-from the Maryland line on the Eastern Shore of Virginia, west across the Chesapeake Bay to the Northern Neck, the Middle Peninsula and Hampton Roads, and, southeast to the North Carolina line in Virginia Beach- wrote positive articles on the working waterfronts summit and the issues presented by the speakers.

Product #2 Title: Summit Summary and Recommendation Report from the Summit

The "Summit Summary and Recommendation Report" from the Virginia Working Waterfront Summit is in its second draft form and will be completed by the end of April, 2014. The Report will be included in the final report for NOAA Grant # NA12NOS4190168 Task #55 and posted on the Middle Peninsula Planning District Commission webpage: www.mppdc.com.

Final Products	% Completion	Anticipated Completion Date
Virginia Working Waterfront Summit	100%	02/26/2014
Summit Summary and Recommendation Report from the Summit	98%	04/30/14

Task: 92	Virginia Institute of Marine Science	Current Federal Total:	\$50,000.00
Developing a Working Waterfronts Plan for Virginia's Coastal Zone			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Attached
Closed	Start: End: Closeout:		
	10/1/2012 9/30/2013 12/31/2013		

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for the period from #Name?**

Task: 93.01	Virginia Institute of Marine Science - Center for Coastal Resources Management	Current Federal Total:	\$135,000.00
Shoreline Management Planning and Development			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Submit w/next Semiannual Report
Open	Start: End: Closeout:		
	10/1/2012 3/31/2014 6/30/2014		

The following products have been completed:

Charles City County Shoreline Inventory: http://ccrm.vims.edu/gis_data_maps/shoreline_inventories/index.html

City of Suffolk Shoreline Inventory: http://ccrm.vims.edu/gis_data_maps/shoreline_inventories/index.html

York County Shoreline Inventory: http://ccrm.vims.edu/gis_data_maps/shoreline_inventories/virginia/york/york_disclaimer.html

All inventories have been delivered to CZMP and local governments.

Northampton County Shoreline Evolution Report:

http://web.vims.edu/physical/research/shoreline/docs/Cascade/Shoreline_Evolution/Northampton_Shore_Evol_2013.pdf

Charles City County Shoreline Evolution Report:

http://web.vims.edu/physical/research/shoreline/docs/Cascade/Shoreline_Evolution/CharlesCity_ShoreEvol_2014.pdf

Final printing is pending

York County Shoreline Management Plan: complete, final layout and printing pending

City of Suffolk Shoreline Management Plan: complete, final layout and printing pending

Post to website will occur when publication layout is complete.

Final Products	% Completion	Anticipated Completion Date
Shoreline Inventories	100%	n/a
Shoreline Evolution Reports	99%	May 15, 2014
Shoreline Management Plans	95%	May 15, 2014

Task: 94.01	Hampton Roads Planning District Commission	Current Federal Total:	\$90,000.00
Land & Water Quality Protection in Hampton Roads			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Attached
Closed	Start: End: Closeout:		
	10/1/2012 9/30/2013 12/31/2013		

Task: 94.02	Middle Peninsula Planning District Commission	Current Federal Total:	\$50,000.00
Land and Water Quality Protection in Middle Peninsula			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Attached
Closed	Start: End: Closeout:		
	10/1/2012 12/31/2013 3/31/2014		

Year: 2012

VIRGINIA COASTAL ZONE MANAGEMENT PROGRAM
Performance Report, Section A, for Cooperative Agreement No. NA12NOS4190168
for the period from #Name?

Task: 95	Virginia Commonwealth University	Current Federal Total:	\$98,000.00
Virginia Ocean Plan			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u> Submit w/next Semiannual Report	
Open	Start: 10/1/2012	End: 6/30/2014	Closeout: 9/30/2014

For the grant reporting period, the Environmental Scientist/Analyst with the Virginia Commonwealth University Center for Environmental Studies in the Department of Life Sciences continued to serve as the Ocean Planning Stakeholder Engagement Coordinator of the eight sectors to develop the Virginia portion of the Mid-Atlantic Regional Council on the Ocean (MARCO) Mapping and Planning Portal. MARCO identified the sectors: offshore and alternative energy; commercial fisheries; recreational fisheries; recreational users and conservation groups; ports, shipping and navigation; tourism; Defense/ Navy; and other (sand mining, Marine Trades, etc).

The Environmental Scientist continued participating in the weekly MARCO Board meetings and participated in the MARCO Ocean Planning Action Team. The development of the Stakeholder Action Team as part of the MARCO OPAT has not materialized beyond direct meetings with the Monmouth Project Team to determine the process to engage the commercial fishing community. However, the development of a Stakeholder Liaison Committee has advanced the efforts of the Mid-Atlantic Regional Planning Body and will be reported on in the next grant. The Environmental Scientist continued to coordinate to develop an outreach strategy that combines the efforts of the Monmouth Team with that of the VA efforts to engage the commercial sector in a meaningful manner. The approach is to combine both the Portal discussions with that of Ocean Planning off the coast of VA, in general. This task continued to work toward the development of mapping products that would refine fisheries data for use in the portal to represent the activities of the Commercial Sector.

This reporting period also included significant advancements in the development of a Draft Marine Debris Reduction Plan. The VCU Environmental Scientist worked closely with the Longwood University and the Clean VA Waterways Program to develop the draft Plan, including developing and conducting significant social science-based research. This research included the development and implementation of a Web-based survey and direct interviews with the "informed" litter and debris community in VA. The analysis of the Web-based survey consisted of considerable data analysis due to the high number of open-ended questions. An Advisory Committee was convened on February 7, 2014 to discuss the outcome of the survey and guide the focusing of the results of the Survey to inform the Reduction Plan.

The Environmental Scientist also coordinated with the Accomack-Northampton Planning District Commission to evaluate and summarize the aerial photography of the recreational users along the Virginia sea-side coast.

Final Products	% Completion	Anticipated Completion Date
Stakeholder engagement & data for MARCO Portal	85%	June, 2014
Communication Tracking Database	50%	June, 2014
Draft Debris Plan	85%	June, 2014

Year: 2012

VIRGINIA COASTAL ZONE MANAGEMENT PROGRAM
Performance Report, Section A, for Cooperative Agreement No. NA12NOS4190168
for the period from #Name?

Task: 96	Accomack-Northampton Planning District Commission	Current Federal Total:	\$60,000.00
Seaside SAMP - Recreational & Commercial Fishing Uses on the Seaside and Adjacent Ocean and SAV Restoration Goals			
<u>Project status:</u>	<u>Current approved</u>		<u>Final deliverable(s) status:</u> Project Period Open
Open	Start:	End:	Closeout:
	10/1/2012	12/31/2014	3/31/2015

Updated Recreational Aerial Survey & PGIS Data

Processing of the Summer 2013 data has been completed and final maps have been produced showing all aerial survey outcomes.

Commercial Fishing Use PGIS Workshop & Meeting Data

A-NPDC held initial discussions with personnel from other MARCO states who have conducted similar workshops with commercial watermen. A-NPDC has become familiar with these methods and will finalize a methodology for Virginia with VCZM. A one year extension of the project completion date is necessary to allow for ample time to complete the PGIS workshops and meetings.

Final Report on Recreational & Commercial Fishing Uses

The Recreational Use components of the Final Report are complete, but the Commercial components remain. The report will build on work accomplished during the FY11 Seaside Recreational Use Study and will incorporate all data compiled during the FY12 project.

SAV Restoration Goal & Policies Report

A-NPDC has coordinated meetings to determine appropriate SAV restoration goals. Areas of bottomland for which SAV can grow that are not currently privately leased or within existing public Baylor Grounds have been mapped and their acreage has been quantified. A presentation briefing the VA Marine Resources Commission on this process and suggesting the agency consider establishing SAV set-aside areas occurred in December 2013, and the issue will be on a future VMRC agenda for their consideration.

Final Products	% Completion	Anticipated Completion Date
Updated Recreational Aerial Survey & PGIS Data	100%	3/31/2015
Commercial Fishing Use PGIS Workshop & Meeting Data	15%	3/31/2015
Final Report on Recreational & Commercial Fishing Uses	50%	3/31/2015
SAV Restoration Goal & Policies Report	75%	3/31/2015