

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> Project Period Open						
Open	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Start:</td> <td style="width: 33%;">End:</td> <td style="width: 33%;">Closeout:</td> </tr> <tr> <td>10/1/2012</td> <td>3/31/2014</td> <td>6/30/2014</td> </tr> </table>	Start:	End:	Closeout:	10/1/2012	3/31/2014	6/30/2014	
Start:	End:	Closeout:						
10/1/2012	3/31/2014	6/30/2014						

Policy Products: No Coastal Policy Team meetings were held during this period however the CPT was well represented at the Coastal Partners Workshop in December.

Coastal Partners Workshop: VA CZM staff hosted the biennial Coastal Partners Workshop December 5-6. The agenda, presentations and a summary will be posted to the Virginia CZM website.

RPCs and Amendments: ELI continued to work on the DGIF program change document and T&E Species Analysis under FY 10 Task 91.

Grant Administration & Reporting: A Section A, Semiannual Progress Report, a Section B Agency Report, and a Section C Success Stories Report was compiled and submitted to NOAA on October 31, 2012 for the reporting period of April 1, 2012-Sept. 30, 2012. Semiannual Progress reports from grantees and information for the Section B and Section C reports was gathered by CZM staff for the reporting period of Oct. 1, 2012-Mar. 31, 2013. The CZM Manager and Coastal Planners developed project proposals for the FY 13 draft application and monitored current grant activities through phone calls and site visits. The Grants Coordinator and CZM Manager processed extension and budget amendment requests, 306 A documentation approvals, SAC removals, and reprogrammed money using the Grants Online system. The SAC was removed from the five PDC Competitive projects and three of the five have been contracted. The coastal planners participated in a climate adaptation workshop at the Netherlands Embassy, January 14 where they networked with NVRC and other coastal resource managers to share adaptation information and strategies. The coastal planner participated on a panel at the national Working Waterfronts Symposium in Tacoma, WA, March 25-28 and presented information about VACZM initiatives in working waterfront protection and engaged in discussion with participants about WW issues and strategies to protect WW infrastructure.

FY 2013 CZM Grant Application: The FY 13 draft application was developed during this period and will be submitted for NOAA review when a date is determined by the Program Specialist.

FY 2013 CELCP Grant Application: VA CZM received official approval of the Virginia CELCP plan from NOAA on March 8, 2013. During this reporting period, no budget has been allocated for the CELCP program, and so no national competition is scheduled to take place at this time. New developments for CELCP are anticipated for the next reporting period.

Performance Measures: On October 30, 2012 VACZM submitted the 2012 Performance Measures report to OCRM.

Mid-Atlantic Regional Council on the Ocean Documents: The CZM Manager continued to participate in weekly Board calls and to chair the MARCO Ocean Planning Action Team. She developed and hosted OPAT calls on Oct 24 and Jan 30. Meeting notes are available to the NOAA Program Officer on the MARCO Sharepoint site: <http://collaborate.csc.noaa.gov/Marco/default.aspx>. A MARCO Board meeting was held in February in NYC. Much effort was spent preparing for the Regional Ocean Stakeholders Workshop held in Arlington Virginia on Apr 4-5. The CM Manager gave a presentation on the MARCO Ocean Data Portal. A summary of the workshop will be available during the next reporting period. Considerable effort went into preparation for the Marine Debris Summit (see FY11 Task 95.02

Section 312 Evaluation Materials: No Section 312 review has been scheduled however performance measures were developed and three metrics approved. The metrics cover eelgrass restoration and bay scallop reintroduction and restoration on the Seaside of Virginia's Eastern Shore, and living shoreline plan development.

Final Products	% Completion	Anticipated Completion Date
Policy Products	50	September 30, 2013
RPCs and Amendments	50	September 30, 2013
Grant Administration & Reporting	60	September 30, 2013
FY 2012 CZM Grant Application	50	September 30, 2013
FY 2013 CELCP Grant Application 0	0	September 30, 2013
Performance Measures	50	September 30, 2013
Mid-Atlantic Regional Council on the Ocean Documents	50	September 30, 2013
Section 312 Evaluation Materials	40	September 30, 2013

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Task: 1.01	Virginia Institute of Marine Science - Chesapeake Bay National Estuarine Research R	Current Federal Total:	\$100,386.00
Coastal Management Support			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Project Period Open
Open	Start: End: Closeout:		
	10/1/2012 9/30/2013 12/31/2013		

Progress is reported under Task 1.

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>	Project Period Open
Open	Start: End: Closeout:		
	10/1/2012 9/30/2013 12/31/2013		

VCU CES staff performed Coastal Gems maintenance including installing software/security updates and refreshing map services as necessary. From October 1, 2012 to March 31, 2013, Coastal GEMS received 641 visits from 433 unique visitors resulting in 894 pageviews and an average site visit time of 1 minute and 58 seconds. Coastal GEMS can be accessed online at: www.coastalgems.org

VCU CES staff worked to refine Coastal GEMS Version 3, developed through NOAA grants #NA09NOS4190163 and # NA10NOS4190205, including updating server hardware, fixing several bugs, and making several functional and aesthetic enhancements. The Coastal GIS Coordinator wrote an article for the VA CZM magazine detailing the new features and functions available in Coastal GEMS version 3, created a looping slideshow of new features and functions in Coastal Gems version 3 to run during scheduled breaks at the CZM Coastal Partners Workshop and provided a computer lab with the GEMS application pulled up for workshop participants to explore.

The Coastal GIS Coordinator presented at the ES GIS Users Group Symposium on the Virginia Atlantic Coast Recreational Use Mapping Project and helped to plan and run two participatory GIS workshops to map recreational uses off the coasts of Maryland and Delaware. The Coastal GIS Coordinator processed and uploaded all draft data from VA's Atlantic Coast Recreational Use Workshop to an ArcGIS Explorer online map including use category descriptions and identifiable features and wrote a short step by step tutorial for stakeholders to access and review the maps. <http://www.arcgis.com/explorer/?open=7a8b445a339247579a85f6a96fb776f3&extent=-8744521.29699029,4311718.80453884,-8177052.45970874,4666940.99662621> The maps can also be accessed through the Virginia CZM website by going to "issues" and then "ocean planning."

Map products created for CZM staff/partners by the Coastal GIS Coordinator include: a map for ESNWR refuge manager including accurate refuge boundaries, labels, and current aerial imagery for land use planning purposes to be used at a Southern Tip Partners meeting, a map of current and planned future LiDAR coverage in the Coastal Zone for display at the CZM Coastal Partners Workshop and for explaining the status to the Secretary of Natural Resources, and maps required for 306a documentation and SHPO clearance for VA CZM funded projects from DCR DNH and VIMS.

The Coastal GIS Coordinator provided comments on NOAA's data sharing policy and responded to questions from VA CZM grantees on the new policy. The Coastal GIS Coordinator responded to data and information requests including information on MSP tools and data, oyster sanctuary data, shellfish closure information, coastal waterways and trails, and data used in the spatial analysis portion of the Wind Energy in State Waters Report (VA SD10).

Final Products	% Completion	Anticipated Completion Date
Coastal GEMS Maintenance	50	September 30th, 2013
Coastal GEMS Updates	50	September 30th, 2013
Coastal GEMS Data Liaison	50	September 30th, 2013
Coastal GEMS Training Program	50	September 30th, 2013
Identification of Data Needs and Initiatives	50	September 30th, 2013
GIS Map Products	50	September 30th, 2013

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**Performance Report, Section A, for Cooperative Agreement No. NA12NOS4190168
for the period from**

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	9/30/2013	12/31/2013	

Outreach Coordination and Multi-Media Outreach Strategies:

OC continued to share the program’s experience and lessons learned in social marketing, and to encourage expansion of efforts to increase native plant use in other coastal regions, including consultation with VACZM and NVRC staff on a new Plant Northern Virginia Natives campaign – specifically worked with planning team staff to adapt and revise a written survey used on Eastern Shore; and, consultation with Virginia Native Plant Society staff on development of the Plant NNK Natives, which is an expansion of the Plant ES Natives campaign – this included assisting VNPS staff in development of a VACZM grant scope of work. OC continued to consult with Albermarle County staff on development of a Piedmont Native Plant Initiative, and leveraged a \$5,000 grant from the Dept. of Game and Inland Fisheries towards the effort as a first step in expanding VACZM’s native plant marketing efforts statewide through members of the Virginia Native Plant Marketing Partnership. OC was contacted by CSC staff about including our experience in social marketing in a webinar under development. OC is serving on the CSO Communications Workgroup, and contributed to the production of two new factsheets – Maintaining A Vital America Resource: Coastal Zone Management and Mitigating the Costs of Extreme Weather: The Role of Coastal Zone Management. In an ongoing effort to engage other NOAA program partners in efforts to coordinate and collaborate on communication, marketing and education efforts, the OC collaborated with Virginia Sea Grant staff to create a Wiki “Story Development Forum” to which NOAA program partners can contribute to be more proactive in collaborating on coastal management stories, consistent messaging and improved visibility and credit for our programs’ efforts and investments. Once this new tool has been tested and populated with content, a link will be circulated to the VACZM, VASG and NERRS program managers and other staff for review and input.

Print and Electronic Media: OC completed production and distribution of the fall12-winter13 issue of the Virginia Coastal Zone Management magazine. OC met with MRC staff and the VACZM Outreach Specialist (OS) to lay out text and graphic changes, new pages and content, and a production schedule for the revised Virginia Oyster Gardening Guide (the OS will complete revision of the guide with OC guidance). OC designed a new VACZM ocean management exhibit which was debuted at the Virginia Marine Debris Summit. OC met with VACZM manager and Cape Charles town staff to plan production of new interpretive and acknowledgement signage for the CZM supported Cape Charles Jetty Pier, dune crossovers and beach area. In an effort to take better advantage of on-line technologies to communicate, the OC used Constant Contact and Eventbrite to facilitate announcements and registration for the Virginia Coastal Partners Workshop and Virginia Marine Summit, as well as an announcement on release of the magazine. OC continued maintenance of the Virginia CZM website, including new ocean management web pages – <http://www.deq.virginia.gov/Programs/CoastalZoneManagement/CZMIssuesInitiatives/OceanPlanning.aspx>, and has been working with the OS to maintain the funding related web pages. OC continued to serve on the DEQ Web Steering Committee.

Events and Training: OC gave a presentation on social marketing and the Plant ES Natives campaign at the National Natural Areas Conference in October 2012. OC worked with VA CZM to develop the agenda for and conduct the December 2012 Virginia Coastal Partners Workshop and with Public Communication and Outreach office staff to develop and conduct a prioritization exercise to engage workshop attendees in generating possible next steps and action items on a variety of CZM issue areas. OC gave a presentation at the workshop on the Plant ES Natives campaign, and highlighted Virginia CZM’s efforts to coordinate and collaborate with partners on native plant marketing. OC summarized the workshop prioritization exercise results with review and input from VACZM and DEQ facilitators - see attached. OC contributed slides, photos and speaking points regarding Virginia CZM native plant efforts to partners for presentations and training at the Mid-Atlantic Horticultural Short Course (Feb) and Virginia Collaborative Summit (Feb). OC led a session on the Virginia Native Plant Marketing Partnership at the Collaborative Summit. OC served on the Feb 2013 Virginia Marine Debris Summit planning committee and coordinated logistics including development and distribution of a pre-summit survey, maintenance of the summit agenda and web pages, coordination of the registration process, design of the summit program, oversight of on-site registration, and note taking during a facilitated breakout session. OC has begun working with VACZM Coastal Planner and a multi-partner committee to plan a Working Waterfronts Summit in January 2014. OC initiated plans to partner with VIMS on creation of a Coastal GIS and Mapping exhibit at the 2014 General Assembly in January 2014.

Final Products	% Completion	Anticipated Completion Date
Multi-Media Outreach Strategies	50%	9/30/13
Printed Media	50%	9/30/13
Events and Training	50%	9/30/13
Electronic Media	50%	9/30/13

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	

\$11,654 remains unallocated in Task 2. A scope of work will be developed and submitted to NOAA for approval during the next reporting period.

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**Performance Report, Section A, for Cooperative Agreement No. NA12NOS4190168
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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>	Project Period Open
Open	Start: End: Closeout:		
	10/1/2012 9/30/2013 12/31/2013		

Back Bay Restoration Foundation (BBRF), Lynnhaven River NOW (LRNow) and the Virginia Coastal Zone Management Program co-hosted the 2013 Virginia Beach Watersheds Forum on March 21, 2013 for 156 attendees comprised of BBRF members, LRNow members, Master Gardeners, Master Naturalists, students, home/land owners, Virginia Beach City officials and staff, representatives from state and federal agencies, and other stakeholders at the Advanced Technology Center in Virginia Beach. The Forum agenda began with a panel presentation "Sea Level Rise in Virginia Beach" with Carl Herschner (VIMS), Ben McFarlane (HRPDC), and Joe Bouchard (Former State Delegate). The Forum agenda then had two break-out sessions for the northern and southern watersheds in Virginia Beach. The Southern Watershed break-out session talks included: "Update on Back Bay Fishery and Bass Stocking" (Chad Boyce, VDGIF), "Using the Past and the Future to Guide Invasive Species Management in Back Bay" (David Bishop, USFWS), and "Current Water Quality Conditions in Back Bay" (Nathan Bowman, DEQ). The Northern Watershed break-out sessions talks include: "Where Does Your Stormwater Fee Go?" (Steve McLaughlin, City of VB), "Living Shorelines" (Joe Scalf, LRNow and Marcia Berman, VIMS), and "Oyster Restoration Update" (Laurie Sorabella, LRNow and Joe Scalf, LRNow). The VB Watersheds Agenda concluded with a panel titled "VB in 2040: Where do our natural resources fit in?" and panelists included Clay Bernick (City of VB, Environment and Sustainability Office), Steve Herbert (Deputy City Manager), and Barry Frankenfield (City of VB, Strategic Growth Area Office).

Pertinent displays featuring area conservation/environmental non-profits including Master Naturalists, Back Bay Wildfowl Guild, Rudee Inlet Foundation, and others were available to attendees throughout the day. Forum agendas and forms acknowledged VA CZMP support. Presentations from presenters available on the BBRF website (<http://www.bbrf.org/annual-events/vb-watersheds-forum/forum-presentation-archive/>). CDs containing PowerPoint presentations of all presentations were provided upon request. BBRF and LRNow staff and volunteers used the feedback form, discussion results and other thoughtful feedback to identify issues and format suggestions that will be used to improve future Forums.

Final Products	% Completion	Anticipated Completion Date
Deliverables: Forum agenda and nametags	100	3/21/2013
Deliverables: Forum presentations on CD and available on website	50	5/15/2013
Deliverables: Action plan and survey review	25	7/15/2013
Final Financial Report	25	7/15/2013

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**Performance Report, Section A, for Cooperative Agreement No. NA12NOS4190168
for the period from**

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> Project Period Open	
Open	Start:	End:	Closeout:		
	10/1/2012	9/30/2013	12/31/2013		

During the first half of FY 2012, the Office of Environmental Impact Review/Federal Consistency (OEIR) reviewed 100 development projects and management plans for consistency with the Virginia Coastal Program. This represents 85% of the total amount of projects (117) reviewed during this period. Major state projects accounted for 8 projects, 66 were federal actions, and 26 were federally funded projects (predominantly local government projects). The 66 federal projects included 31 federal agency activities, 27 federal licenses and approvals, and 7 HUD mortgage insurance projects and 1 USDA-Rural Development project (submitted as a residual category pursuant to the federal consistency regulation (15 CFR 930.31©). All federal consistency determinations and federal consistency certifications were completed within the established legal deadlines.

On October 5, 2012, the OEIR staff met with the Norfolk District of the U.S. Army Corps of Engineers to continue discussions on ways to improve applicants' compliance with the federal consistency regulations implementing the Coastal Zone Management Act (CZMA). As a follow up to these discussions, on March 7, 2013, the Corps published a public notice announcing new procedures for applicants requiring individual permits from the Corps for compliance with the CZMA, <http://www.nao.usace.army.mil/Media/PublicNotices/tabid/3060/Article/11261/coastal-zone-management-act-and-the-norfolk-district-regulatory-program.aspx>. According to the notice, prior to final issuance of any Corps permit, the applicant must obtain federal consistency concurrence from DEQ for activities affecting the Coastal Zone. Proof of these approvals must be provided to the Corps before issuance of any Corps standard permit. For the past 26 years, the Corps was unwilling to delay issuing its permits to accommodate federal consistency reviews as required by the CZMA.

The OEIR continues to maintain a website for Federal Consistency Reviews and can be accessed through DEQ's main webpage or found at <http://www.deq.virginia.gov/Programs/EnvironmentalImpactReview.aspx>. The OEIR webpage is updated weekly.

Final Products	% Completion	Anticipated Completion Date
Federal consistency determinations and certifications responses	50	9-30-13
Consistency outreach effort (one-on-one consultations with agencies)	50	9-30-13

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> Project Period Open	
Open	Start:	End:	Closeout:		
	10/1/2012	9/30/2013	12/31/2013		

Construction of the City of Richmond's wastewater treatment plant upgrade with enhanced nutrient removal technology continues. Construction began in December 2008 and is scheduled for completion by July, 2015. To-date, \$31,124,445 of the \$50,131,031 grant has been paid to the City.

In the period since October 2012, reimbursements totaling \$5,483,043 have been made to the City for this project, which exceeds the \$894,051 in State General Funds needed to provide a match for the Coastal Zone Management Program.

Final Products	% Completion	Anticipated Completion Date
Certificate to Operate – City of Richmond nutrient reduction upgrade	62%	July, 2015

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**Performance Report, Section A, for Cooperative Agreement No. NA12NOS4190168
for the period from**

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> Project Period Open
Open	Start: End: Closeout: 10/1/2012 9/30/2013 12/31/2013	

During the reporting period, VMRC received a total of 849 joint permit applications. Actions were completed on 812 projects, some of which were received prior to the reporting period. During the reporting period, 151 compliance inspections were conducted for previously issued permits. Also, 56 compliance inspections for the random sample of 130 projects permitted by local wetland boards were completed.

During the reporting period, local wetland boards throughout Tidewater Virginia acted on 225 projects involving tidal wetlands. Of this total, 175 were approved as proposed, 32 were approved as modified, 2 were denied and 28 required compensation either on or off site (14), or through payment of an in lieu fee (14) accounting for 9,756 square feet of tidal wetland impacts.

Final Products	% Completion	Anticipated Completion Date
Collect permit Compliance data for projects permitted by VMRC	Ongoing	
Collect permit Compliance for wetland projects permitted in 2011	43 %	September 2013
Compile data for entry into database	50%	September 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> Project Period Open
Open	Start: End: Closeout: 10/1/2012 9/30/2013 12/31/2013	

-The Locality Liaison held two training sessions in November and December for four local governments and one state agency. With the launch of the upgraded Natural Heritage Data Explorer website (<https://vanhde.org/>) on March 1, 2013, the Environmental Review section has held ten training sessions to transition users of the old website, and train new users on this improved product. Seventy-one individuals have been trained, including consultants, local governments, non-profits, state and federal agencies, Soil and Water conservation Districts and Planning District Commissions. The presentations included an overview of DCR's Natural Heritage Program, the Locality Assistance Program, the Virginia Conservation Lands Needs assessment (VCLNA), Landscape, the Wetlands Catalog, and hands-on training on the Upgraded Natural Heritage Data Explorer (NHDE), which now includes the Species and Community Database Search, and the Land Conservation Data Explorer (LCDE).

- For 10/01/12 through 3/31/13, 407 projects were reviewed for impacts to natural heritage resources in the Coastal Zone, (42% of the projects reviewed statewide). 92 projects were submitted through the website. James City county requested a review of an additional section of an ongoing residential development project at Old Towne and worked with DCR staff to develop recommendations for protection of Virginia least trillium. DCR recommended avoidance of upland disturbance, with on-site or in kind protection, and recommended additional buffer to protect water quality and prevent invasive encroachment, keeping erosion and sedimentation controls out of the buffer, and barring all physical encroachments and removal of any vegetation within the buffer.

-84%of the localities, 71% of the Land Trusts and 100% of the PDCs in the Coastal Zone have Natural Heritage data.

-The Locality Liaison participated in the Rappahannock River Valley NWR "Go Wild" event on October 14, 2012 at which there were seventeen exhibitors and approximately 200 parents and children participants.

-On October 18, 2012, the Locality Liaison gave a brief talk on the Coastal Virginia Environmental Value Assessment to the "Evaluating and Conserving Natural Assets: Maximizing conservation potential in the developing landscape " workshop held at the Virginia Institute of Marine Sciences.

Final Products	% Completion	Anticipated Completion Date
Project Review	50%	September 30, 2013
Locality Assistance Program Presentations	50%	September 30, 2013
Improvements to Natural Heritage Tools	50%	September 30, 2013
Final Report	0%	September 30, 2013

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**Performance Report, Section A, for Cooperative Agreement No. NA12NOS4190168
for the period from**

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>	Project Period Open
Open	Start: End: Closeout:		
	10/1/2012 9/30/2013 12/31/2013		

Product #1, Outreach Education:

CCRM completed locality-specific training materials in the form of 6 completed CCRMPs and the Coastal Best Management Practices Course. The online course will be rolled-out at our April 25th Workshop. CCRM is actively coordinating with local government representatives to recruit participants and secure on-site training venues for the remaining planned classes.

- 10/31/12 City of Virginia Beach Living Shorelines Workshop, in VA Beach - 40 people
- 2/25/13 CCRMP Orientation Training for Local Staff with completed CCRMP's, at VIMS – 13 people
(Mathews, Virginia Beach, Hampton, Fairfax, Westmoreland, Alexandria)

Product #2, Technical Advisories & Impact Assessment:

- Tidal wetland or beach/dune jurisdictional determinations = 2
- Living Shoreline questions = 3
- JPA review & comments = 15
- Tidal wetland violation = 1

Product #3, Publications:

- CCRM e-News Jan 2013 (Recurrent Flooding Study, CCRMP's and Workshop Save-the-Date)
- CCRM e-News March 2013 (April 25th Workshop Announcement)
- Virginia Wetlands Report, Vol 28-Issue1 (Building Local Gov't Capacity in Coastal Resource Mgmt)
- http://ccrm.vims.edu/publications/publications_topics/vwr/vwr_2013_spring.pdf
- Rivers & Coast, Vol 8-No 1 (The Launch: CCRMP's for Local Gov't)
- http://ccrm.vims.edu/publications/pubs/rivers&coast/vol8_no1_2013ccrmp.pdf

Product #4, Permit Database/ Website:

- Website Activity/Hits
- Oct – 138, Nov – 159, Dec - 47, Jan - 46, Feb - 72, Mar - 95
- The Center for Coastal Resources Management continues to post Joint Permit Applications with VRMC assigned numbers in a searchable database on the CCRM website. To view the original shoreline permit applications, as well as the associated VIMS report, additional information, photos, and public hearing information please see:
<http://ccrm.vims.edu/perms/newpermits.html>

Final Products	% Completion	Anticipated Completion Date
Product #1 - Outreach Educational Offerings	20	30 Sept 2013
Product #2 - Technical Advisories and Impact Assessments	50	30 Sept 2013
Product #3 - Outreach Publications	65	30 Sept 2013
Product #4 - Permit Data Base Web Site	50	30 Sept 2013

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>	Project Period Open
Open	Start: End: Closeout:		
	10/1/2012 9/30/2013 12/31/2013		

VIMS successfully completed the acquisition of aerial photographs of the entire bay and tributaries and coastal bays for the 2012 SAV annual survey.

VIMS also successfully completed ortho-rectifying all flightlines, mosaicing all the quadrangles, and photo-interpreted SAV on all quadrangles for the Chesapeake Bay and the Coastal Bays. VIMS submitted the baywide 2012 SAV numbers on March 28. 2012 SAV data can now be viewed at:
<http://web.vims.edu/bio/sav/sav12/index.html> and also on the interactive map: <http://web.vims.edu/bio/sav/maps.html>.

Final Products	% Completion	Anticipated Completion Date
Draft Final Report	50	June, 2012
Final Report	0	Dec., 2012

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**Performance Report, Section A, for Cooperative Agreement No. NA12NOS4190168
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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>	Project Period Open
Open	Start:	End:	Closeout:		
	10/1/2012	9/30/2013	12/31/2013		

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 Environmental Scientist supported the continued growth of the Healthy Waters Program by coordinating directly with the VA Department of Environmental Quality, the USEPA, NOAA, Nature Conservancy and other partners in the refinement of the definition and application of the program. During the reporting period, the Program was formally moved from the Virginia DCR Division of Stormwater to the VDCR Division of Natural Heritage as the program is currently focused on the development of data, identification of valuable natural areas and protection of those resources. The program functions in form as a land conservation effort. The Program Manager participated in the Chesapeake Bay Program Goal Implementation Team 4 Healthy Watersheds as the Virginia representative and Program Manager. During the reporting period, the Program Manager coordinated with the US EPA Healthy Watershed manager to obtain services to assist in the development of a strategic plan. However, due to the re-organization the effort was tabled until further notice. Effort reallocation was requested by the Manager for the USEPA contractor to assist with the acquisition of biotic data to inform the development of a statewide modified Index of Biotic Integrity.

The Program Manager continued the management of the +\$2M, NFWF funded, project at the Virginia Science Museum. The Manager shares the Project Management role with the Director of Science at the Museum to facilitate full coverage of all aspects of project implementation. During the reporting period, the Program Manager directed the research aspects of the project, refining the treatment structures, modifying for enhanced performance and coordinating with outside interests for expanded monitoring research. The project was awarded a Virginia Green Award in October, 2012.

Final Products	% Completion	Anticipated Completion Date
Healthy Waters Initiative and VNEMO Program Final Report	50	Sept, 2013

Task: 10	Dept. of Environmental Quality - Virginia Coastal Zone Management Program			Current Federal Total:	\$0.00
Eastern Shore Land Conservation					
<u>Project status:</u>	<u>Current approved</u>			<u>Final deliverable(s) status:</u>	Project Pending
Proposed	Start:	End:	Closeout:		
	10/1/2012	3/31/2014	6/30/2014		

The Southern Tip Partners (staff from VA CZM, USFWS, DCR, DGIF and TNC) met on January 16 and March 19 this period. The January meeting focused on the state of scientific knowledge about migratory bird habitat utilization, linking bird migration monitoring with habitat management, using radar to identify important forested stopover habitats, and ideal versus realistic habitat restoration goals for the lower Eastern Shore. Discussions lead to the decision to use FY10 Task 10 land acquisition funds for a conservation easement at Mutton Hunk Fen on the seaside of Accomack County and to use FY11 Task 11 land acquisition funds for two bird habitat studies and 3 habitat restoration projects on the Eastern Shore. Reprogramming of those funds is underway.

It is hoped that FY12 Task 10 and FY13 Task 10 land acquisition funds will be able to be used for fee simple acquisition. The current Virginia Secretary of Natural Resources will not approve fee simple acquisition (only conservation easements). The Southern Tip Partners prefer fee simple ownership because that can usually guarantee public access and only costs slightly more while giving all control of the land to the conservation agency. A new administration will begin in January 2014 after a new governor is elected in November 2013. In the meantime, the Southern Tip Partners are continuing to identify high priority parcels such as the Trower tract and to continue dialogues with interested sellers.

VIRGINIA COASTAL ZONE MANAGEMENT PROGRAM

Year: 2012

**Performance Report, Section A, for Cooperative Agreement No. NA12NOS4190168
for the period from**

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 Pending	
Pending	Start: End: Closeout:		
	4/1/2013 3/31/2014 6/30/2014		

306A documentation was submitted to NOAA for approval and was approved on April 24, 2013. This contract has not yet been fully executed. The contract package was mailed to the grantee on 4/25/2013.

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> Project Period Open	
Open	Start: End: Closeout:		
	10/1/2012 9/30/2013 12/31/2013		

Climate Adaptation Working Group

A-NPDC has held one working group meeting. The group coordinated with the NOAA Coastal Services Center to develop coastal vulnerability models for the Eastern Shore and VIMS to develop the state-wide Recurrent Flooding Study. The group worked to develop public workshops to educate local citizens and elected officials about impacts from sea level rise.

Coastal Management Trainings

A-NPDC has successfully directed 2 events that reached nearly 56 people representing 33 stakeholder groups. Trainings have incorporated the following topics: ground water quality and wastewater treatment and GIS & LiDAR data.

Technical Assistance

A-NPDC coordinated a GIS Users Group to provide training, information, and a forum for data sharing within the region. A-NPDC coordinated with local and state governments to develop reduction strategies to be included in submissions for the Chesapeake Bay WIP Phase II process. A-NPDC served on local committees including the Environmental Education Council, Resource Conservation & Development Council, and Watersheds Network. A-NPDC developed & presented at a Climate Adaptation Workshop for the NASA Wallops Flight Facility and presented at the APA-VA Coastal Symposium. A-NPDC participated in the VCZM Coastal Partners Workshop, MARCO Climate Change Adaptation Workshop, & VA Marine Debris Summit. A-NPDC assisted a local NGO with printing of documents for dissemination to raise awareness in recycling and proper solid waste disposal.

Ground Water Committee

A-NPDC held 3 committee meetings. The committee has reviewed 11 ground water withdrawal permits and completed two environmental reviews. The committee submitted 3 comments regarding proposed amendments to state ground water regulations. The committee has continued to update the 20-year old ESVA Ground Water Supply Protection & Management Plan. The committee developed a ground water quality in 2 communities in partnership with Randolph-Macon College. The committee awarded the 2012 Ground Water Award to the Town of Cape Charles for their exemplary upgrades to their wastewater treatment plant.

Eastern Shore of Virginia Coastal Change Archive

A-NPDC has defined the archive categories and is partnering with Chesapeake Commons on development of the online archive mapping application. A-NPDC has held discussions to develop a partnership with Bloomsburg University to have student assistance for soliciting archive accounts.

Final Products	% Completion	Anticipated Completion Date
Climate Adaptation Working Group Report	50%	9-30-2013
Coastal Management Training Report	100%	9-30-2013
Technical Assistance Report	50%	9-30-2013
Ground Water Committee Report	50%	9-30-2013
Eastern Shore of Virginia Coastal Change Archive	25%	9-30-2013
Benefits accrued from prior CZM grants	0%	9-30-2013

Year: 2012

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

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>	Project Period Open
Open	Start:	End:	Closeout:		
	10/1/2012	9/30/2013	12/31/2013		

(1) Crater PDC staff processed 8 environmental impact reviews for local, state, and federal projects. (2) Two coastal meetings/training sessions were held; one during the reporting period (1/24/13), and one just after the reporting period (4/5/13). Topics of discussion were the Brownfield Redevelopment Program, use of the Census data and website, an update on planning and land use matters from the General Assembly session, and the Crater PDC Rural Transportation Planning Program. (3) Crater PDC staff coordinated and administered regional reviews of the 2013 Virginia Outdoors Plan Update, the East Coast Greenway, and Chesapeake Bay WIP II. (4) Commission staff participated in several environmental planning efforts pertaining to stormwater regulations, the Petersburg Stormwater Advisory Committee, operation of the James River National Wildlife Refuge, the Virginia Natural Heritage Data Explorer website, the Albemarle-Chowan Watershed, and the Middle James Round Table. (5) Crater PDC staff continued to provide technical support to FOLAR – Friends of the Lower Appomattox River. This included hosting meetings, providing website maintenance, preparing brochures, and preparing and submitting grant proposals. Staff also assisted FOLAR with its scheduled 4/13/13 river clean up day. (6) Staff began work on producing internet and smart phone applications for the Appomattox River Interpretive Guide.

Final Products	% Completion	Anticipated Completion Date
Environmental Impact Review Comments	50%	9/30/13
Coastal Meetings	50%	9/30/13
Coastal Training	50%	9/30/13
FOLAR Assistance	50%	9/30/13

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>	Project Period Open
Open	Start:	End:	Closeout:		
	10/1/2012	9/30/2013	12/31/2013		

Environmental Impact Review. Sixteen (16) environmental impact assessments/statements and coastal zone consistency determinations were reviewed, local government input coordinated, and comments provided to DEQ for inclusion in official state positions. Summaries of all projects were provided to the HRPDC.

Public Information and Education. HRPDC staff maintained information on its website and provided regular briefings to local elected officials on the HRPDC Commission, local governing bodies, and to professional and civic organizations. During this period ten (10) entries related to coastal resourced management were posted.

Regional Coordination Process. HRPDC staff facilitated monthly regional advisory committee meetings addressing wetlands, Chesapeake Bay issues, and other coastal and environmental issues. Through these committees, the localities develop regional consensus on state and federal regulatory and legislative issues, coordinate plans addressing these issues, and exchange information on program activities. During this period, three (3) meetings were held of the regional Joint Environment Committee (JEC). Topics covered included regional studies and projects, the Chesapeake Bay Program, living shorelines regulations, and stormwater management.

Regional Technical Studies and Assistance. HRPDC staff identified topics for technical studies and special projects. These include updating the regional sea level rise vulnerability analysis using LIDAR-derived inundation maps and coordinating a possible effort to promote the planting of native plants by area residents.

Benefits Accrued from Prior CZM Grants. No work was performed on this deliverable during this period.

Final Products	% Completion	Anticipated Completion Date
Final Report: Hampton Roads TA Program	10%	September 30, 2013
EIA/EIS and Coastal Consistency Review	50%	September 30, 2013
Public Information, Education and Training	50%	September 30, 2013
Regional Coordination Process	50%	September 30, 2013
Regional Technical Studies	15%	September 30, 2013
Benefits Accrued from Prior CZM Grants	0%	September 30, 2013

VIRGINIA COASTAL ZONE MANAGEMENT PROGRAM

Year: 2012

**Performance Report, Section A, for Cooperative Agreement No. NA12NOS4190168
for the period from**

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>	Project Period Open
Open	Start: 10/1/2012	End: 9/30/2013	Closeout: 12/31/2013

Product #1- Coastal Management Support: MPPDC staff provided coastal management support to local government elected officials, chief administrative officers, local planning staff, and local planning commission staff. MPPDC staff drafted a scope of work to update the Town of Tappahannock Comprehensive Plan and will begin to work on developing the plan beginning in April. MPPDC staff has been an information resource on a variety of regional issues including stormwater, groundwater management, sea level rise, shallow water dredging and regional tourism. MPPDC staff has also recently attended the National Working Waterfront Symposium in Tacoma, Washington to share the progress that the Public Access Authority and the PDC has made regarding public access within the region.

Product #2 - Convened Meetings: MPPDC staff convened monthly-quarterly meetings with local government level planners as well as government administrators. Local Government Administrator meetings focused on a variety of topics including Middle Peninsula Legislative Issues, the Eastern Virginia Ground Water Management Area regulations (9VAC25-600) and Ground water Withdrawal Regulations (9VAC25-610); stormwater planning as well as oil and gas exploration within the Middle Peninsula. MPPDC staff also convened a local planners meeting where participants discussed the 2013 VA General Assembly Legislation, Working Waterfronts Coalition Task, Broadband Matrix and Stormwater.

Product #3 – Middle Peninsula Chesapeake Bay Public Access Authority(PAA): MPPDC staff provided direct research and facilitation support for the implementation of the 2012-2013 PAA annual work plan. As part of managing public lands the PAA requested bids to timber the Haworth Tract in King and Queen County and offered a contract to Virginia Forest Resources LLC. 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. While the PAA manages currently owned tracts, the PAA will have new land management responsibilities as they have been gifted a 96 acre track of tract on the Severn River in Gloucester County in February 2013. Currently the PAA is working with two more land owners in Mathews County interested in donating land to the PAA for public access. Finally MPPDC staff drafted the 2012 At the Water's Edge annual newsletter for the PAA.

Final Products	% Completion	Anticipated Completion Date
Coastal Management Analysis and Policy Support	50	September 30, 2013
Local Planning Coordination	50	September 30, 2013
MP CBPAA Work Plan & Public Waterfront Management	50	September 30, 2013

Year: 2012

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

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>	Project Period Open
Open	Start: 10/1/2012	End: 9/30/2013	Closeout: 12/31/2013

NNPDC staff conducted the first quarterly coordination and training meeting on December 12, 2012. The training session began the meeting with staff from the consulting firm of Resource International detailing the implementation of the new stormwater regulations at the local level as required by Virginia law from their perspective. The Northern Neck land use administrators have heard several presentations by Department of Conservation and Recreation staff on stormwater implementation, so the administrators thought it helpful to have the insight of a private firm outside of government to detail the changes from an outside perspective. The consultants noted that the new stormwater rules are a large leap from the old stormwater regulations, and that almost all development, save for single lot conversions will need a stormwater plan. Also it is likely that most stormwater plans will be technical enough that the developer will need to hire a professional engineer to perform the calculations of runoff reduction and nutrient reduction that are required. In addition, county stormwater plan review staff, in reviewing the submitted plans, may well need the services of professional engineers as well. After the training session, NNPDC staff conducted the coordination meeting that solicited ideas for the Northern Neck regional stormwater grant, as all four counties agreed to work together in preparing to implement the new stormwater regulations. Each county is preparing to implement their own local stormwater program. However each county had the foresight to understand that working as a region will help each county better prepare to manage stormwater locally. NNPDC staff outlined the framework for the funding and staffing plan that localities need to create in order to get a twelve month extension on the implementation of the new local stormwater rules. NNPDC gave a status update on the current PDC technical assistance grant, outlining the special projects for each county. NNPDC staff also reminded the counties to think of technical assistance projects for the next VACZM fiscal year, and that the NNPDC grant application would be due sometime in March. Discussion on potential projects ranged from public water access development/enhancement to marine debris (fishing line recycling).

NNPDC staff have completed the revision of two Northumberland Tax Maps, and have sent those taxmaps to Northumberland County staff for review. NNPDC staff have begun the revision of the third of five taxmaps. For the Westmoreland Water Trails Plan, NNPDC staff contacted the George Washington's Birthplace National Monument park manager about the possibility of water access to the birthplace. NNPDC were happy to learn that they had begun the planning for water access and would like to get input from the NNPDC on previously completed water access projects. NNPDC staff have begun water trail map creation for Lancaster county, and have been reviewing other long distance water trail brochures from around the country to solicit ideas for the Potomac (Westmoreland) and Rappahannock (Lancaster) water trails. NNPDC staff have started revision of the Richmond County portion Northern Neck Farm Inventory layer from 2001 with the most up to date Virginia aerial photos to identify farm fields that have been converted to residential, forest and other land uses, as well as identified farm fields that were not included in the original inventory.

Final Products	% Completion	Anticipated Completion Date
Coastal Management Support	50%	September 30, 2013
Local Planning and Coordination	25%	September 30, 2013
Northumberland Five Revised Digital Tax Maps	40%	September 30, 2013
Lancaster County Wide Water Trail Plan	30%	September 30, 2013
Richmond County Agricultural Data Revision Database	30%	September 30, 2013
Westmoreland County Wide Water Trail Plan	35%	September 30, 2013
Benefits accrued from prior CZM grants	0%	September 30, 2013

Year: 2012

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

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> Project Period Open	
Open	Start: End: Closeout:		
	10/1/2012 9/30/2013 12/31/2013		

Coordination & Training:

During the reporting period, Northern Virginia Regional Commission (NVRC) staff coordinated and implemented one rain garden workshop held on November 17, 2012. Through the workshop, 25 participants learned how to design, build, landscape, and maintain small-scale residential rain gardens. NVRC has offered these workshops since 2006 and they have proven to be instrumental in providing technical expertise and resources to support the application of innovative stormwater management practices on private properties. Additionally, the workshops serve to educate local government staff on designing residential rain gardens. Landscape contractors, local stormwater engineers, land use planners, and members of the public attended the workshop that occurred during this reporting period. www.novaregion.org/raingardens

Special Project – Northern Virginia Clean Water Partners:

During this reporting period, the Northern Virginia Clean Water Partners planned their annual Only Rain Down The Stormdrain campaign. The partners decided to air Public Service Announcements (PSA's) on cable television. Five PSA's that feature rubber duckies were selected to illustrate the importance of picking up pet waste, reducing fertilizer application and implementing other general household stormwater pollution reduction measures. The rubber ducky was chosen because it has been a long-time symbol of non-point source pollution. The PSA's were borrowed (with permission) from various sources across the country so modification was necessary for them to be Northern Virginia specific. Reproduction was also necessary for the PSA's to meet Comcast specifications for broadcast. One ad was selected for translation into Spanish. Production was completed in March 2013 and the ads began airing on several major channels on April 1, 2013. Additionally, campaign banner ads will appear on the Comcast website. These ads are expected to reach approximately 400,000 Northern Virginia residents and fulfill the outreach and education requirements of the jurisdictions' MS4 permits. In addition, the Northern Virginia Clean Water Partners welcomed a new member, George Mason University.

A post-campaign survey will be conducted of 500 northern Virginia residents to measure the effectiveness of the campaign. A summary report for the campaign including the number of people who viewed the ads will be prepared and distributed to the Partners in September 2013 for inclusion in their annual MS4 reports. <http://www.onlyrain.org/>

EA/EIS/EIR Reviews:

Since October 2012 NVRC staff have reviewed and commented on 3 EIR requests across the region.

Final Products	% Completion	Anticipated Completion Date
Annual Report – NoVA Coastal Resources TA Program	50	September 30, 2013
Summary of Regional Stormwater Education Campaign	50	September 30, 2013
Benefits accrued from prior CZM grants	0	September 30, 2013

Year: 2012

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

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> Project Period Open
Open	Start:	End:	Closeout:
	10/1/2012	9/30/2013	12/31/2013

Product #1: Local Government Coordination and Training Program Report

GWRC staff convened several meetings of the regional stormwater technical committee held on: 12/14/12, 1/3/13, 2/7/13, 2/21/13, 3/14/13, 3/21/13. These meetings helped define the direction of consultant and regional staff efforts to develop a useful regional model ordinance template which localities could use to define local stormwater programs to comply with State stormwater management regulations.

GWRC staff attended quarterly coastal PDC meetings and the VA CZM Coastal Partners workshop last fall.

Product #2: Regional Stormwater Management Program Implementation Study

GWRC staff and UMW college intern applied previous CZM-funded green infrastructure planning work to identify high-value & contributing value parcels in each jurisdiction so that conservation land trust outreach marketing efforts could target these property owners to promote voluntary conservation easement donations that complement local water quality improvement efforts.

GWRC consultants also developed a regional model stormwater ordinance template, by integrating the State model ordinance with Stafford County's erosion control and stormwater ordinances and an alternative model ordinance developed by the Center for Watershed Protection. Along with this template, localities were provided a financial calculator spreadsheet tool to assist their calculation of future stormwater program staffing needs.

Final Products	% Completion	Anticipated Completion Date
#1: Coordination & Training	30%	Sept. 30, 2013
#2: Regional Stormwater Management Program Implementation Study	30%	Sept. 30, 2013
#3: Benefits accrued from prior CZM grants	0%	Sept. 30, 2013

VIRGINIA COASTAL ZONE MANAGEMENT PROGRAM

Year: 2012

**Performance Report, Section A, for Cooperative Agreement No. NA12NOS4190168
for the period from**

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>	Project Period Open
Open	Start:	End:	Closeout:		
	10/1/2012	9/30/2013	12/31/2013		

Technical Assistance –RRPDC staff processed 57 environmental and intergovernmental reviews from October 2012 through March 2013.

Coordination and Training – PDC staff hosted an EnvTAC meeting on October 17, 2012. The discussion focused on how localities are dealing with the new and ever-changing water quality requirements, namely the new stormwater regulations of the Virginia Department of Conservation and Recreation (DCR) and the Chesapeake Bay TMDL. RRPDC staff provided a presentation about the state and federal programs affecting the water quality landscape; a roundtable discussion followed. RRPDC staff organized an EnvTAC roundtable meeting on December 12, 2012 to continue the discussion started at the October 17th meeting. RRPDC staff opened the meeting with a short presentation and updates on DCR stormwater grants, the Bay Program Land Use Workgroup, and the RRPDC Legislative Agenda. A regional roundtable discussion followed concerning MS4 permits, local stormwater program updates, and Bay TMDL implementation plans. RRPDC staff organized an EnvTAC roundtable on January 31. DCR and Regional Soil and Water Conservation Districts (SWCD) were represented in addition to local government staff. The first portion of the meeting focused on Chesapeake Bay TMDL implementation in the agricultural sector. The group requested another agriculturally-focused roundtable be organized in approximately six months. The second half of the meeting focused on new Phase II MS4 permits using analysis by Chesterfield County staff on the draft Arlington permit. Minutes from all the meetings listed above are available upon request from RRPDC staff.

Regional Base Layer Update and Maintenance – PDC staff analysis to the RRPDC Board at their October meeting using regional data layers for existing land use, generalized zoning, and water and sewer service areas. This analysis focused on the undeveloped land within the existing water/sewer service area as depicted by individual zoning classification and by jurisdiction. PDC staff met with Chesterfield County staff following the October Board presentation to discuss calculations of undeveloped land by zoning category in the regional Water/Sewer Service Area. Following the October board presentation, PDC staff began preliminary steps of working on the next phase of analysis with a focus on primary highway corridors that extend throughout the Region, using Route 1 as a prototype.

Chesapeake Bay Total Maximum Daily Load Support - The Chesapeake Bay Program has established a Land Use Technical Workgroup to inform the 2017 version of the suite of models that provide input into the Chesapeake Bay TMDL model. RRPDC staff has maintained frequent contact with the co-chairs of the workgroup and continues to inform local staffs of developments. RRPDC staff has made local staffs aware of the impending effort by the state to update land use information so localities may prepare responses.

Final Products	% Completion	Anticipated Completion Date
Technical Assistance	50%	September 30, 2013
Coordination and Training	50%	September 30, 2013
Regional Base Layer Update	50%	September 30, 2013
Chesapeake Bay TMDL Support	50%	September 30, 2013
Benefits accrued from prior CZM grants	0%	September 30, 2013

VIRGINIA COASTAL ZONE MANAGEMENT PROGRAM

Year: 2012

**Performance Report, Section A, for Cooperative Agreement No. NA12NOS4190168
for the period from**

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>	Project Period Open
Open	Start: End: Closeout:		
	1/1/2013 12/31/2013 3/31/2014		

This grant officially started on January 1, 2013. During the period from January through March 2012, the Virginia Aquarium Stranding Response Program (VAQS) recorded 36 strandings in Virginia. There were 12 strandings recorded during the same period in 2012.

The VAQS Stranding Team responded to 12 marine mammal strandings in Virginia during this reporting period, 11 cetaceans and one pinniped. Eight (67%) of the strandings were located in Virginia Beach and four (33%) were located on Virginia's eastern shore. The cetacean species included two common dolphin (*Delphinus delphis*), four bottlenose dolphin (*Tursiops truncatus*), four harbor porpoise (*Phocoena phocoena*) and one dwarf sperm whale (*Kogia sima*). There was one pinniped species, a harbor seal (*Phoca vitulina*). One of the common dolphins stranded alive but died on the beach. Upon necropsy examination the female was found to be pregnant with a 64 cm male fetus. The cause of death for this dolphin is not yet determined and histological samples have been collected and sent out for examination. The winter season was again very active for large whales and more than 25 individuals were identified in the coastal waters off Virginia Beach.

There were 24 sea turtle strandings recorded in Virginia during this reporting period, compared with only two during the same period in 2012. The sea turtle species included 11 loggerheads (*Caretta caretta*), 12 Kemp's ridleys (*Lepidochelys kempii*) and one green (*Chelonia mydas*). Four of the loggerheads were alive when they stranded. It was a very busy year for cold-stunned sea turtle cases in Virginia and throughout the entire northeast region. Most of the strandings during the reporting period were the result of cold-stun related impacts. Those turtles that survived were recovered and returned to the Aquarium's Marine Animal Care Center for rehabilitation. At the end of March, there were 16 sea turtles in rehabilitation, including several loggerheads that are recovering from extensive injuries resulting from boat strikes. Most of these sea turtles will be released once local water temperatures warm sufficiently later this year.

VAQS Staff attended seven professional meetings and workshops and made several formal presentations during this reporting period. There were also educational and/or training presentations by Stranding Team members to groups in the Hampton Roads area and to stranding network cooperators. Grant funded VAQS staff worked more than 500 hours and Stranding Team volunteers contributed more than 2,000 hours to the stranding response program during this reporting period. A detailed list of all trainings, presentations and publications will be included in the final report.

Final Products	% Completion	Anticipated Completion Date
VA Sea Turtle & Marine Mammal Stranding Response & Reporting	25%	December 31, 2013
Personnel & Cooperator Training Activities	15%	December 31, 2013
Public Education & Outreach Activities	20%	December 31, 2013

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		

\$77,812 has been transferred out of this task to fund Task 51 - Eastern Shore Water Trails Association Development and Seaside Water Trail Camping Accommodation Implementation Plan, Task 54 - Feasibility Study to Incentivize Living Shoreline's with a Revolving Loan Program and Task 55 - Rural Chesapeake Bay/Seaside of Virginia Working Waterfront Coalition Phase 2 - Virginia Summit. \$97,188 still remains in Task 50 to fund two more proposed projects; Task 52 - Lavalette Ave - Canoe/Kayak Launch and Fishing Dock and Task 53 - Nansemond River Water Access at Constant's Wharf Park and Marina. HR PDC is still working to complete the 306A documentation for Tasks 52 and 53 but is expected to submit the required documentation soon.

VIRGINIA COASTAL ZONE MANAGEMENT PROGRAM

Year: 2012

**Performance Report, Section A, for Cooperative Agreement No. NA12NOS4190168
for the period from**

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>	Project Period Open
Open	Start:	End:	Closeout:		
	10/1/2012	9/30/2013	12/31/2013		

Eastern Shore Water Trail Association Meetings

A-NPDC has identified stakeholders to participate in the Association and is planning a kickoff meeting for Spring 2013. The Association will work to reach a regional consensus on camping platform types, location, ownership, permits, signage, maintenance responsibilities, and prioritization of construction projects.

Seaside Water Trail Camping Accommodation Implementation Plan

A-NPDC has reached out to the Sea Grant Law Center to discuss the legal issues associated with camping platforms and plans to incorporate this information into the plan.

Final Products	% Completion	Anticipated Completion Date
Eastern Shore Water Trails Association Meetings	25%	9-30-2013
Seaside Water Trail Camping Accommodation Implementation Plan	10%	9-30-2013

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>	Project Period Open
Open	Start:	End:	Closeout:		
	10/1/2012	9/30/2013	12/31/2013		

On April 29, 2011, the Commonwealth state legislature approved legislation directing the Virginia Marine Resource Commission (VMRC), in cooperation with the Department of Conservation and Recreation and with technical assistance from the Virginia Institute of Marine Science (VIMS), to establish and implement a general permit regulation that authorizes and encourages the use of living shorelines as the preferred alternative for stabilizing tidal shorelines in the Commonwealth. VMRC, with assistance from VIMS, is developing a general permit which can expedite the permitting process as an incentive to encourage property owners to select the "preferred alternative" for stabilizing tidal shorelines in the Commonwealth. This project proposes to design a program that encourages and incentivizes the financing of living shoreline construction projects at a lower interest rate with more flexible loan terms than a traditional lending institution is willing to offer.

Product #1- Master Report, builds from product #2,3 and 4

Product #2- Virginia Revolving Loan and Legal Framework: MPPDC staff has initiated discussions with Rick Weeks, DEQ Chief Deputy and Walter Gills, Program Director for the Virginia Clean Water Financing & Assistance Program to discuss how application can be made under the Virginia Clean Water Revolving Loan program to fund a living shoreline revolving loan program.

Product #3 National Scoping Report: Staff from the National Sea Grant Law Center is under contract to research how various federal programs which authorize states to establish revolving loan programs could be used to finance a living shoreline revolving loan fund. Several programs are under review: Clean Water State Revolving Fund; Wastewater Infrastructure; Green Project Reserve; Drinking Water State Revolving Fund; Brownfield Revolving Loan Fund; State Clean Energy Revolving Loan Funds.

Product #4 Center for Coastal Resource Management Scoping Report: Staff from CCRM was contracted to survey approximately 400 recent shoreline permit holders to explore why particular permit approaches were chosen and what aspects of the project could have been changed to encourage living shoreline projects over structural solutions chosen.

Final Products	% Completion	Anticipated Completion Date
Product #1- Master Report, builds from product #2,3 and 4	10	Sept 30, 2013
Product #2- Virginia Revolving Loan and Legal Framework	50	Sept 30, 2013
Product #3 National Scoping Report:	50	Sept 30, 2013
Product #4 CCRM Scoping Report	50	Sept 30, 2013

VIRGINIA COASTAL ZONE MANAGEMENT PROGRAM

Year: 2012

**Performance Report, Section A, for Cooperative Agreement No. NA12NOS4190168
for the period from**

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>	Project Period Open
Open	Start: End: Closeout:		
	1/1/2013 9/30/2013 12/31/2013		

Product #1 Title: Virginia Working Waterfront Summit

The initial planning for the Summit included: drafting MOU's between all the partners (see below); coordinating with the National Sea Grant Law Center to provide speakers and support; reaching out to the watermen community for representation, and contracting with the Institute for Environmental Negotiation (UVA) for summit facilitation and report compilation.

- Drafted a Memorandum of Understanding (MOU) between the MPPDC and the National Sea Grant Law Center (NSGLC) for the Working Waterfront Coalition.
- Drafted a Memorandum of Understanding (MOU) between the MPPDC and the Northern Neck Planning District Commission for the Working Waterfront Coalition.
- Drafted a Memorandum of Understanding (MOU) between the MPPDC and the Accomack-Northampton Planning District Commission for the Working Waterfront Coalition.

A meeting was held at the Virginia Institute of Marine Science on February 11, 2014, with Northern Neck PDC, Accomack Northampton PDC, Middle Peninsula PDC, Virginia Sea Grant, the Virginia Coastal Zone Management Program, the National Sea Grant Law Center, and watermen to discuss the logistics of the Summit. It was decided to use the rest of 2013 to outreach and organize the summit and hold the Summit in January, 2014. This decision was based on the advice of the watermen and of industry experts who agreed that more time was needed for planning and that industry participation at the Summit would be stronger during January when local watermen are not actively catching seafood.

Product #2 Title: Summit Summary and Recommendation Report from the Summit
To be completed after the Summit.

Final Products	% Completion	Anticipated Completion Date
Virginia Working Waterfront Summit	15%	January 2014
Summit Summary and Recommendation Report from the Summit	0%	March 2014

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>	Project Period Open
Open	Start: End: Closeout:		
	10/1/2012 9/30/2013 12/31/2013		

Product #1 Finalize Inventory of Working Waterfronts by 4 Regional Planning Districts. As reported as a milestone in the FY 2011 project, over 500 of the PDC draft inventories and definition reports have been submitted. Primary data collected is being requested for review and development of more consistent reporting.

Product #2 Current Condition Analysis -Evaluation of local dependence upon critical Working Waterfronts.

The evaluation of the inventories and discussion with local PDC staff is helping to determine which particular sites should be selected for more detailed evaluation. One site has been selected in Hampton Virginia as a pilot for an in depth economic assessment. A meeting was held with the facility owner (Amory Seafoods) and agreement for provision of necessary income and expense information has been reached. That data collection will be completed during the next few months and an IMPLAN economic impact modeling exercise will be completed thereafter.

Final Products	% Completion	Anticipated Completion Date
Product 1	95	6/30/13
Product 2	10	9/30/13

Year: 2012

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

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>	Project Period Open
Open	Start: End: Closeout:		
	10/1/2012 9/30/2013 12/31/2013		

A Shoreline Management Plan (SMP) is a guidance document for local governments that recommends strategies for managing tidal shoreline conditions. Two SMPs will be generated during the grant period. York County and the City of Suffolk Shoreline Management Plans will be published. Baseline conditional data for York County has been collected and will be updated to support the plan development. New baseline data will be collected for the City of Suffolk and a new Shoreline Inventory will be published for that locality. A second Shoreline Inventory will be generated for Charles City County, which will be used to support a future SMP for that locality. This year, an expanded Shoreline Evolution Report will be generated for Northampton County.

During this reporting period, work has begun on the Shoreline Evolution reports for Northampton and Charles City County. Northampton had a previous Evolution Report that only encompassed the main shorelines, so the smaller creeks and rivers are being updated and newer images digitized. Photos have been obtained for the years 1937, 1949, and 1972 for these areas and have been orthorectified. Shorelines have been digitized for 1937, 1949, 1972, 1994 (USGS photos), 2002 (VGIN photos), and 2009 (VGIN photos). The rates of shoreline change will be determined for these shorelines. The photos have been obtained for Charles City County for 1937, 1953, 1968. The 2009 shoreline has been digitized. The 1994 (USGS photos) and 2002 (VGIN photos) also will be digitized. Procedures have been developed and fieldwork planned for the Shoreline Management plans.

Baseline shorelines have also been developed for the Shoreline Inventories for Charles City County and the City of Suffolk. Field work for both areas has been scheduled. Updates to conditional data for York County are nearly complete. This update will be used to run the Shoreline Management Model for York.

Final Products	% Completion	Anticipated Completion Date
Evolution Report (Northampton and Charles City County)	50%	10/2013
Shoreline Management Plans (York County and City of Suffolk)	30%	10/2013
Shoreline Inventories (Charles City County and City of Suffolk)	35%	10/2013

Year: 2012

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

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

Between October 1, 2012 and March 31, 2013, HRPDC staff made significant progress on the deliverables for the second year of this grant project. HRPDC staff made two briefings to local government staff at meetings of the Hampton Roads Joint Environmental Committee. The final report for the first year's work was recommended for approval by this Committee at its meeting in February, and the report was later approved by the Hampton Roads Planning District Commission at its February Executive Committee meeting.

This project has three deliverables:

- 1) Identification of Coastal Plain Stormwater BMPs
- 2) Implementation of Plan Evaluation Tool
- 3) Modeling of Development Impacts on Water Quality

For the first deliverable, HRPDC staff began identifying and reviewing sources for specifications and standards for stormwater management BMPs well suited for use in the coastal plain. Specifically, HRPDC staff has researched guidance for coastal plain best management practices and reviewed Virginia's stormwater manual and best management practice specifications. For the second deliverable, HRPDC staff discussed with local staff the policies and ordinances that should be reviewed and began collecting and reviewing those documents. HRPDC staff has read local codes and ordinances to identify both potential issues and potential opportunities for code amendments that could help improve the performance of local regulations in promoting water quality. This review has included not only zoning ordinances, but a review of entire local codes. For the third deliverable, HRPDC staff discussed with local staff how the modeling of development impacts could be used in current local planning efforts.

HRPDC staff has held meetings with the staffs from both pilot localities, Norfolk and Suffolk, to discuss the project's status and schedule and to review how the research conducted so far aligns with local efforts and priorities. Both meetings with city staff resulted in the identification of specific texts to review and additional personnel to coordinate with and include in the process. The city staff attending the meeting represented planning and public works.

Final Products	% Completion	Anticipated Completion Date
Identification of Coastal Plain Stormwater BMPs	30%	September 30, 2013
Implementation of Plan Evaluation Tool	30%	September 30, 2013
Modeling of Development Impacts on Water Quality	5%	September 30, 2013

VIRGINIA COASTAL ZONE MANAGEMENT PROGRAM

Year: 2012

**Performance Report, Section A, for Cooperative Agreement No. NA12NOS4190168
for the period from**

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>	Project Period Open
Open	Start: 10/1/2012	End: 9/30/2013	Closeout: 12/31/2013

Product #1: Continuation of the Project Committee: MPPDC Staff convened local government administrators meetings and local planners meetings October 2012-March 2013 to continue the WIP committee (organized in Phase I of this project) discussions on coastal issues of local rural government concern relating to Bay cleanup, new legislation that may cause local action and unintended consequences of the Phase II WIP. MPPDC staff developed a schedule for research and communication with local government staff by scheduling project committee meetings with local planners and local government administrators for the 2013 calendar year. This committee will receive and review project work associated with this project.

Product #2: Continuation of Rural Government Assessment of Nutrient Loading: The MPPDC was awarded two grants to address stormwater management for the Region's jurisdictions as recorded in the 2011 Final Project Report submitted to DEQ in Fall 2012. For Phase II of this project, MPPDC staff project managers for this and the stormwater grant projects will coordinate and collaborate between projects for a comprehensive assessment of nutrient loading by MPPDC rural local governments. The collaboration between projects began in October 2012 and will continue through 2014.

Product #3: Unintended Consequences of Phase II WIP: Through the project committee meetings with local government administrators and local planners from November 2012 to February 2013, seven ditches parallel and perpendicular to the Virginia Department of Transportation (VDOT) Right-of-Way (ROW) were identified for analysis by a legal consultant to determine the ownership, management and oversight of stormwater ditches and the relationship to the secondary road system overseen by VDOT. The goal here is to determine who has what role and responsibilities in the management of stormwater movement in and around the ditches identified for analysis. MPPDC staff discussed internally any unintended consequences that have come up in this project committee and the stormwater project committee to coordinate between projects. MPPDC staff coordinated internally on the process and progress of developing a regional stormwater management program. MPPDC staff developed a scope of work for the legal research required for the ditch analysis being performed by a consultant and executed that contract for services. MPPDC staff coordinated and attended meetings in each of the three localities that identified ditches in March 2013. The meetings consisted of site visits to each ditch identified for analysis, and local planning staff from the respective localities attended the meetings to point out the outstanding issues to the Legal Consultant who was in attendance. MPPDC staff facilitated the meetings and documented the site visits through meeting notes and photos taken. In March 2013, Legal Consultant staff initiated the legal analysis of the ditches identified using notes from the site visit meetings. MPPDC staff began to compile VDOT records and local government documentation to forward to the Legal Consultant to supplement the ownership and responsibility analysis of ditch maintenance in March 2013. Over the next six months, MPPDC staff will continue exploring the establishment of a regional sanitary sewer district to manage the temporal deployment of nutrient replacement technology for installed OSDS systems and assessment of land use implications associated with state regulations which make all coastal lands developable that was started during Phase I of this project.

Final Products	% Completion	Anticipated Completion Date
Product #1: Continuation of Project Committee	50%	9/30/13
Product #2: Continuation of Rural Government Assessment of Nutrient Loading	50%	9/30/13
Product #3: Unintended Consequences of Phase II WIP	25%	9/30/13

VIRGINIA COASTAL ZONE MANAGEMENT PROGRAM

Year: 2012

**Performance Report, Section A, for Cooperative Agreement No. NA12NOS4190168
for the period from**

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> Project Period Open	
Open	Start: 10/1/2012	End: 9/30/2013	Closeout: 12/31/2013

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 help collect Virginia data for the Mid-Atlantic Regional Council on the Ocean (MARCO) Mapping and Planning Portal. MARCO identified the sectors as: offshore and alternative energy; commercial fisheries; recreational fisheries; recreational users and conservation groups; ports, shipping and navigation; tourism; Defense/ Navy; and other (oil and gas, sand mining, Marine Trades, etc).

The Environmental Scientist continued participating in the weekly MARCO Board conference calls and the MARCO Ocean Planning Action Team (both the Portal and Stakeholder Engagement Subteams), coordinated with the Monmouth Project Team to assist the State of Delaware with their efforts of PGIS to reach the Recreational Users (Jan 21-25, 2013) and the Monmouth Project Team to develop the Recreational Boater Survey. The VCU Environmental Scientist/Analyst provided a focusing of the geographic distribution for the survey. Approximately 900 survey respondents will be contacted in Virginia.

This Task also includes development of a Draft Marine Debris Plan. The Marine Debris Summit was conducted February, 27-28, 2013 at the Virginia Marine Science Center and Aquarium in VA Beach, VA (see FY 11 Task 95.01. Results of the workshop will be used in creating a draft Marine Debris Plan during summer 2013. Notes were collected over the two days including identification of the problem, priority areas, suggested actions, responsible party and timeframe.

Final Products	% Completion	Anticipated Completion Date
Stakeholder engagement & data for MARCO Portal	50	Sept, 2013
Communication Tracking Database	50	Sept, 2013
Draft Debris Plan	50	Sept, 2013

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: 10/1/2012	End: 3/31/2014	Closeout: 6/30/2014

Updated Recreational Aerial Survey & PGIS Data
A-NPDC plans to build on the Summer 2012 aerial surveys by conducting additional aerial surveys over the VA Atlantic coast from Maryland to North Carolina to reassess recreational uses at times of peak activity. The Summer 2013 data will be compared with the aerial survey and PGIS Workshop data and included in the final report.

Commercial Fishing Use PGIS Workshop & Meeting Data
A-NPDC planned to incorporate this effort with its efforts to preserve and enhance regional working waterfronts. The working waterfronts initiative will engage the seafood industry during a workshop the Winter of 2013. It is planned to engage commercial watermen during this workshop. Discussions with personnel from other MARCO states who have conducted similar workshops in their localities are planned for Spring 2013.

Final Report on Recreational & Commercial Fishing Uses
No activity has taken place on the Final Report. The report will build on work accomplished during the FY11 Seaside Recreational Use Study & SAV Restoration Goals project.

SAV Restoration Goal & Policies Report
No activity has taken place on the Report. The report will build on work accomplished during the FY11 Seaside Recreational Use Study & SAV Restoration Goals project.

Final Products	% Completion	Anticipated Completion Date
Updated Recreational Aerial Survey & PGIS Data	5%	3/31/2014
Commercial Fishing Use PGIS Workshop & Meeting Data	5%	3/31/2014
Final Report on Recreational & Commercial Fishing Uses	0%	3/31/2014
SAV Restoration Goal & Policies Report	0%	3/31/2014