

Year: 2010

VIRGINIA COASTAL ZONE MANAGEMENT PROGRAM
Performance Report, Section A, for Cooperative Agreement No. NA10NOS4190205
for the period from 

Task: 1	Dept. of Environmental Quality - Virginia Coastal Zone Management Program	Current Federal Total:	\$276,278.00
Coastal Program Management			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Project Period Open 10/30/2012
Open	Start: End: Closeout: 10/1/2010 12/31/2012 3/31/2013		

This task is being held open through December 31, 2012 so that requisitioning and billing for small amounts of leftover funds can be used to sponsor the October 5-7 Eastern Shore Birding & Wildlife Festival featuring noted field guide author and illustrator David Allen Sibley, the October 9-12 national Natural Areas Conference held in Norfolk, Virginia and finally, publication of the Flora of Virginia which had not been updated since the 1700's - Virginia CZM sponsored the Zosteraceae family (eelgrass).

Task: 1.01	Virginia Institute of Marine Science - Chesapeake Bay National Estuarine Research R	Current Federal Total:	\$93,722.00
Coastal Management Support			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Previously Submitted
Closed	Start: End: Closeout: 10/1/2010 9/30/2011 12/31/2011		

Task: 1.02	Virginia Commonwealth University	Current Federal Total:	\$85,658.00
Coastal Management GIS Support and Coastal GEMS Maintenance			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Previously Submitted
Closed	Start: End: Closeout: 10/1/2010 9/30/2011 12/31/2011		

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Task: 1.03	Dept. of Environmental Quality - Virginia Coastal Zone Management Program			Current Federal Total:	\$100,958.00
Virginia CZM Program Outreach					
<u>Project status:</u>	<u>Current approved</u>			<u>Final deliverable(s) status:</u>	Project Period Open
Open	Start:	End:	Closeout:		
	10/1/2010	12/31/2012	3/31/2013		

An extension on this grant was requested and approved through September 30, 2012. Funds remaining in this grant were used to support travel and registration for the Outreach Coordinator and Outreach Specialist to attend the joint Mid-Atlantic Marine Educator Association/ Virginia Environmental Education Conference in November. Funds also were used to print and mail the Virginia CZM Program's special 25th anniversary issue of the Virginia Coastal Zone Management magazine. Funds also enabled production of two new multi-media items for the Plant ES Natives campaign: plant ID markers for the natives featured in the campaign's official demo gardens and a new general handout, a recycled newspaper pencil, to distribute during presentations, events and exhibits to help market the campaign; and reprinting of a revised educational brochure on visitor awareness and protection of beach-nesting bird habitat on Virginia's Eastern Shore – "Life on the Beach Isn't Always Easy." Funds also were spent on a digital camera with a GPS recorder, which will take the high resolution images needed for publication and aerial survey work. Finally, in support of the Eastern Shore Birding and Wildlife Festival, funds were used to print posters to help advertise the festival and to frame student artwork.

Detail of Expenditures -

MAMEA/EE Conference Registration (Virginia and April)	\$ 204.00
Magazine mailing services (25th anniversary issue)	\$ 203.86
Magazine mailing postage	\$ 694.53
Magazine printing (25th anniversary issue)	\$3,987.00
Plant ES Natives Pencils	\$ 948.00
Digital Camera	\$ 700.95
Plant ES Natives Plant ID Markers	\$2,265.00
Beach-Nesting Bird Brochure Reprint	\$1,791.00
Birding and Wildlife Festival Award Frames	\$ 290.31
Plotter and color printer ink	\$2,049.74
Birding Festival Poster	\$ 208.00

Final Products <input type="checkbox"/>	% Completion	Anticipated Completion Date
Communication/Education/Marketing Materials <input type="checkbox"/>	100%	October 31, 2012
Website Development/Maintenance <input type="checkbox"/>	100%	September 30, 2011
Campaigns/Events/Presentations/Exhibits <input type="checkbox"/>	100%	September 30, 2011

Task: 2	Dept. of Environmental Quality Subcontract			Current Federal Total:	\$0.00
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:		
	10/1/2010	9/30/2012	12/31/2012		

The remaining funds in this task (\$2,758) were transferred to Task 1.03 to pay for plotter and printer paper and ink.

Task: 2.01	Back Bay Restoration Foundation			Current Federal Total:	\$0.00
Back Bay Restoration Foundation State of the Bay Conference					
<u>Project status:</u>	<u>Current approved</u>			<u>Final deliverable(s) status:</u>	Project Canceled
Cancelled	Start:	End:	Closeout:		
	1/1/2011	6/30/2011	9/30/2011		

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Task: 2.02	Virginia Marine Resources Commission	Current Federal Total:	\$27,000.00
Water Chemistry Studies for Oyster Hatcheries in 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:		
	1/15/2012 12/31/2012 3/31/2013		

Oysters are an essential part of Virginia's near-shore ecosystems, and a vital part of life in our coastal communities. A healthy oyster industry means a strong economy in Eastern Virginia, jobs for processors and oystermen, and a healthier Chesapeake Bay. This project will assist the struggling oyster industry by identifying and mitigating bottlenecks that occur at oyster hatcheries, the major source for replenishing oyster stocks in Virginia waters. □ Over the last 7 years, Virginia's oyster aquaculture industry has developed rapidly, with the number of hatcheries increasing from one in 2005 to eight in 2010. This allowed for an increase in oysters planted from approximately 6 million in 2005 to nearly 200 million in 2012. Oyster hatcheries have become the backbone of the private oyster industry, providing jobs at the hatcheries, in grow-out operations, processing operations, and other areas. □ Virginia oyster hatcheries have recently experienced significant production difficulties. In the 2010 and 2011 seasons, between June and August, production of oyster larvae was significantly lower than previously reported. During the unsuccessful periods, young spat are exhibiting an empty gut (between one and six days post-hatch) and/or significant deformities, resulting in extremely high mortality rates. Water quality testing protocols at these hatcheries were often basic (e.g. dissolved oxygen, pH, and temperature) to non-existent. Analysis of trends in these parameters yielded no clues as to what could be happening to affect oyster larvae so dramatically. Without comprehensive water quality monitoring and a strategic plan to explore the problem, it has been very difficult for the industry to discover a solution. Potential solutions could include implementation of a specialized filtration system, balancing water chemistry through supplementation using salts or other chemicals, or implementation of biosecurity plans. Water quality in surface waters changes over time due to temperature, precipitation, and anthropogenic activity. Moreover, algae and many pathogenic bacteria proliferate during the warmer summer months. It is likely that a chemical constituent or biological agent is causing the detrimental effect on hatchery production. Accordingly, implementation of a long-term water quality monitoring plan was implemented in 2012 to track water chemistry and test for the presence of biological agents in the source water and system water at oyster hatcheries. □ The water quality monitoring program is being conducted at six shellfish hatcheries located in Virginia. This program is being supported by the State of Virginia (Secretary Doug Domenech and Assistant Secretary Anthony Moore) in the amount of \$100,000 for approximately one year. Moreover, Dr. Jim Wesson (Virginia Marine Resource Commission) secured an addition \$27,500 in funds from the Virginia Coastal Zone Management (CZM) Program. Dr. David Kuhn from Virginia Tech is managing the project. □ Six industry partners are serving as research sites including Cherrystone Aqua-Farms (Cheriton, VA), KCB Oyster Holdings (Lottsburg, VA), JC Walker Brothers (Willis Wharf, VA), Oyster Seed Holdings (Grimstead, VA), Tom's Cove Aquafarms (Chincoteague, VA), and Ward Oyster (Mathews, VA). The goal of this project is to implement a rigorous water quality monitoring program to track water chemistry and test for the presence of biological agents in the source water and system water at the hatchery. Overall, production of shellfish larvae was not as impaired in 2012 compared to the high level of impairment observed in 2010 and 2011. This is good news for production but makes correlating water quality with larvae production success rates difficult. It is speculated that water quality in the Chesapeake Bay was not as poor as the previous two years because rain events were not as severe in 2012. Major rain events create large volumes of runoff and consequently significant pollution loading and dilution of carbonate chemistry in the Chesapeake Bay area. Each hatchery has been equipped with onsite laboratory equipment so they can conduct water quality analysis on a continuous basis. Significant efforts and in-kind matching have been undertaken by each hatchery. Water chemistry parameters monitored include alkalinity, ammonia, calcium, carbon dioxide, iron, nitrate, nitrite, pH, phosphorus, potassium, salinity, silicate, and temperature. Each site has been monitoring these parameters several times a week during much of the 2012 growing season. The 2012 larvae production season was relatively successful which is likely a result of no significant rain events that would have otherwise contributed to a high level of pollution and dilution of water resulting in reduced calcium carbonate saturation state values. Increased pollution would have also contributed to an increase in bacterial and algal (consequently higher levels of bromoform) activity in the Chesapeake Bay. Since the 2012 season was relatively successful, it was difficult to correlate potential issues and mitigation strategies. It is anticipated that within the next couple of years, rain events will be significant again and will result, once again, in poor larvae production rates similar to that were observed during the 2010 and 2011 seasons. The data has been tabulated and made available to all of the participants. The data collected during the 2012 season has been very helpful in that potential issues have been identified. Before the 2012 season, no water quality data was collected and potential issues were based 100% on speculation. The hatcheries will continue water chemistry monitoring for the next several years. Now that there are some clear indications of the water chemistry when the hatcheries are being productive, it should be more obvious when there are water chemistry anomalies during periods when the hatcheries are struggling. It is also anticipated the findings from this project will be applicable to clam hatcheries.

Final Products	% Completion	Anticipated Completion Date
1) Precise Water Quality Monitoring Supplies for 6 Oyster Hatcheries □	100% □	
2) Report on Monitoring Results and Recommendations □	5%	December 31, 2012

Task: 3	Dept. of Environmental Quality - Environmental Impact Review	Current Federal Total:	\$200,500.00
EIR and Federal Consistency			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Previously Submitted
Closed	Start: End: Closeout:		
	10/1/2010 9/30/2011 12/31/2011		

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Task: 4	Dept. of Environmental Quality - Environmental Education	Current Federal Total:	\$92,038.00
Community Environmental Education			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Previously Submitted
Closed	Start: End: Closeout:		
	10/1/2010 9/30/2011 12/31/2011		

Task: 5	Dept. of Environmental Quality - Chesapeake Bay Program	Current Federal Total:	\$0.00
Water Quality Improvement Fund Match (City of Richmond Wastewater Plant Nutrient Removal Upgrade)			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Previously Submitted
Closed	Start: End: Closeout:		
	10/1/2010 9/30/2011 12/31/2011		

Task: 6	Virginia Marine Resources Commission	Current Federal Total:	\$160,000.00
Permit Review and Compliance			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Previously Submitted
Closed	Start: End: Closeout:		
	10/1/2010 9/30/2011 12/31/2011		

Task: 7	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>	Previously Submitted
Closed	Start: End: Closeout:		
	10/1/2010 9/30/2011 12/31/2011		

Task: 8	Virginia Institute of Marine Science	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>	Previously Submitted
Closed	Start: End: Closeout:		
	10/1/2010 9/30/2011 12/31/2011		

Task: 9	Virginia Institute of Marine Science	Current Federal Total:	\$60,000.00
2010 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>	Previously Submitted
Closed	Start: End: Closeout:		
	10/1/2010 12/31/2011 3/31/2012		

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Task: 10	Dept. of Environmental Quality Subcontract			Current Federal Total:	\$200,000.00
Eastern Shore Land Acquisition					
<u>Project status:</u>	<u>Current approved</u>			<u>Final deliverable(s) status:</u>	Project Pending
Proposed	Start:	End:	Closeout:		
	10/1/2010	3/31/2013	6/30/2013		

It was finally determined in September that a fee simple land acquisition project would not be possible due to the Secretary of Natural Resources' objection to fee simple land acquisition projects in Virginia. Therefore, the Southern Tip partners have agreed to request permission to reprogram these funds (\$200,000 federal, \$100,000 match) to habitat restoration and access improvements on publicly owned lands in the southern tip. The partners are currently developing project ideas and cost estimates and will meet in January 2013 to select the best array of projects. It is anticipated that 306A documentation will be submitted soon thereafter along with a request to extend the FY 2010 award through September 30, 2013 to allow for completion of the project.

Task: 11	Dept. of Conservation & Recreation			Current Federal Total:	\$35,000.00
Sustainable Communities: Final PCA Map & Outreach Efforts					
<u>Project status:</u>	<u>Current approved</u>			<u>Final deliverable(s) status:</u>	Project Period Open
Open	Start:	End:	Closeout:		
	10/1/2010	12/31/2012	3/31/2013		

This period was focused on outreach efforts (Task 3) to promote and support the use of the VEVA, and included disseminating the VEVA at workshops and via the web. Staff at DCR-Natural Heritage worked with staff at the NPS Chesapeake Bay office and NatureServe to develop a Coastal VEVA presence on LandScope Chesapeake. LandScope Chesapeake is a website dedicated to providing guidance for conservation in the Chesapeake Bay Region via access to information regarding place-based conservation priorities as well as access to many datasets via a robust interactive map viewer. The Coastal VEVA is now a fully functional map layer on LandScope Chesapeake, with accompanying User Friendly Metadata (UFMD). This allows users to analyze the VEVA alongside various other reference layers and related conservation priority datasets, and to make and edit their own maps for personal use or sharing. The UFMD provides users with a quick one-page overview of the VEVA and direct links to CZMP and DGIF websites, where they can learn more about the VEVA and download the GIS shapefile.

To support the presence and use of the VEVA on LandScope Chesapeake, DCR staff conducted a 90-minute workshop at the 7th Annual Chesapeake Watershed Forum, on September 29th, at the National Conservation Training Center in Shepherdstown, WV. In this workshop, 35 participants were provided an overview including background on the VEVA and the ability to use the VEVA and other map layers within the LandScope Chesapeake Map viewer, during 30-minutes of hand-on exercises.

A separate day-long workshop was hosted by the CBNERRVA, at VIMS in Gloucester Point, VA, to share the VEVA with planners from localities and planning districts throughout the Coastal Zone, as well as with conservation non-profit, consultant and university staff. This workshop consisted of a morning presentation presented by DCR, VCU, VIMS, DGIF and the CZMP – all the partners involved in the development of the Coastal VEVA. Speakers provided a technical overview of their contributions to the VEVA analysis, as well as examples of its values for local land use decisions and conservation planning. Following this presentation, all VEVA partners participated in a panel to field questions from the audience. Many questions were asked/answered about the local use of the VEVA, how it compares with other state level tools, when it is expected to be updated, and when it might be extended statewide. The afternoon of this workshop included presentations on uses of the VEVA and other state conservation prioritization tools to date, from various planning districts and one locality (Accomack).

Final Products <input type="checkbox"/>	% Completion	Anticipated Completion Date
Final Coastal Virginia Ecological Value Assessment Map <input type="checkbox"/>	100 <input type="checkbox"/>	
Updated CELCP Land Acquisition Priorities Map <input type="checkbox"/>	100 <input type="checkbox"/>	
VEVA Educational Materials & Delivery <input type="checkbox"/>	95	October 31, 2012

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Task: 12.01 Accomack County		Current Federal Total: \$35,000.00	
Accomack County Sustainable Community Project			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u> Submit w/next Semiannual Report	
Open	Start: 10/1/2010	End: 9/30/2012	Closeout: 12/31/2012

There was extensive activity during this reporting period by Accomack County Staff. The Guide was completed in house by the GIS Coordinator, Environmental Planner, Director of Planning & Community Development and the Administrative Assistant. By completing it in house and not contracting out as much of the work, additional copies of the Guide were able to be printed and the second run of the guide is currently at the printers.

The Blue and Green Infrastructure Web Page was completed by the GIS Coordinator and is online at <http://www.co.accomack.va.us/Planning/BlueGreen%20Infrastructure/BlueGreenInfrastructure.html> .

A Blue and Green Infrastructure Development Workshop was held in late September with members of the public and local engineers and developers invited, as was a separate Sustainable Community Workshop. As the purpose of the Sustainable Community Workshop was to solicit input for the Sustainable Community Web Pages and the Sustainable Community Comprehensive Plan element, changes are being made to those items reflecting comments received at the Workshop.

Final Products	% Completion	Anticipated Completion Date
Blue & Green Infrastructure Guide <input type="checkbox"/>	100%	
Blue & Green Infrastructure Web Page <input type="checkbox"/>	100 %	
Blue & Green Infrastructure Development Workshop Report <input type="checkbox"/>	100%	
Sustainable Community Comprehensive Plan Element <input type="checkbox"/>	95%	11/15/2012
Sustainable Community Web Pages <input type="checkbox"/>	95%	11/15/2012
Sustainable Community Workshop Report	100%	

Task: 12.02 Northampton County		Current Federal Total: \$11,334.00	
Northampton County Blue & Green Infrastructure Protection			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u> Attached	
Open	Start: 2/1/2011	End: 6/30/2012	Closeout: 9/30/2012

Northampton completed product #1 the Waterfront Village Updates but was unable to complete product #2 the Stormwater Management Plan. Therefore the budget was reduced to \$11,334 - the remaining funds will be reprogrammed soon.

Task: 12.03 George Washington Regional Commission		Current Federal Total: \$27,756.00	
Developing a Blue-Green Infrastructure Plan for the GW Region			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u> Previously Submitted	
Closed	Start: 10/1/2010	End: 9/30/2011	Closeout: 12/31/2011

Task: 12.04 Hampton Roads Planning District Commission		Current Federal Total: \$40,000.00	
Sustainable Communities Focal Area: Climate Change in Hampton Roads			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u> Attached	
Closeout	Start: 1/1/2011	End: 12/31/2011	Closeout: 9/30/2012

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Task: 12.05 Middle Peninsula Planning District Commission Initiating Adaptation Public Policy Development	Current Federal Total: \$38,000.00
<u>Project status:</u> <u>Current approved</u>	<u>Final deliverable(s) status:</u> Attached
Open	Start: End: Closeout: 10/1/2010 6/30/2012 9/30/2012

Task: 12.06 Northern Neck Planning District Commission Northern Neck Blue-Green Infrastructure Protection and Outreach	Current Federal Total: \$35,000.00
<u>Project status:</u> <u>Current approved</u>	<u>Final deliverable(s) status:</u> Attached
Closeout	Start: End: Closeout: 10/1/2010 3/31/2012 6/30/2012

Task: 12.07 Northern Virginia Regional Commission NVRC Sustainable Shoreline Community Management	Current Federal Total: \$60,510.00
<u>Project status:</u> <u>Current approved</u>	<u>Final deliverable(s) status:</u> Project Period Open
Open	Start: End: Closeout: 10/1/2010 12/31/2012 3/31/2013

To better understand the challenges to communicating and planning for the effects of climate-related storm events, NVRC held the Looking Back to Look Forward workshop on April 23, 2012. Representatives from Fairfax and Prince William Counties, the City of Alexandria, the U.S. Fish and Wildlife Service, Virginia Department of Conservation and Recreation, the U.S. Army Corps of Engineers, Metropolitan Washington Council of Governments, and Virginia Department of Transportation were present. Discussions were framed around two case studies in Fairfax County, the Belle Haven and Huntington communities, which are two "hot spots" for current and future inundation and represent common community structures that may be impacted by future conditions. Participants discussed ways in which to reduce the severity of future inundation events and to adapt areas to accommodate rising waters.

Barriers and issues identified include, lack of funding and competing pressure for funding (i.e. Chesapeake Bay TMDL); high cost of solutions; undesirable impacts to community members, including visual and economic losses due to strategies; potential loss of community, if there is a need for relocation; distrust in the government; lack of standardized baseline for risk management.

Participants discussed possible tools during the forum, which include, development of a regional floodplain rating system program to lessen flood insurance costs; strengthening regulations for future development and retrofits in the floodplain; standardization of a baseline risk management level identified as a needed component of future planning; community charettes and education to help determine community priorities and levels of acceptable risk; stronger data with less reliance on debatable models.

With these barriers and possible solutions, NVRC worked with an intern from the Dutch Embassy to understand how the Netherlands have moved beyond similar challenges. Preliminary recommendations suggest the integration of "spatial quality", which includes structures that encompass three criteria aesthetics, sustainable design and structural integrity, and environmental enhancements. Much of the success of the Netherlands' efforts hinges on their vulnerability to storm surge and sea level rise, along with dedicated funding to ensure the integrity of their network. The decision making process developed for the Netherlands' "Room for the River" project is one that allows flexibility in proposing structural and non-structural solutions and could be easily modified for the Northern Virginia area. The report is anticipated in November 2012. NVRC and the Dutch Embassy will host a symposium to discuss the outcomes of the report and how to continue to strengthen the relationship and opportunities to share lessons between the Dutch and Northern Virginia.

Final Products	% Completion	Anticipated Completion Date
Workgroup Outcome Report□	80	January 15, 2013
Adaptation Strategy Report□	75	January 15, 2013
Communication Report□	75	January 15, 2013

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Task: 12.08	Richmond Regional Planning District Commission	Current Federal Total:	\$50,000.00
Central Virginia Blue and Green Infrastructure Protection Planning Project			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Previously Submitted
Closed	Start: End: Closeout:		
	10/1/2010 12/31/2011 3/31/2012		

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>	Previously Submitted
Closed	Start: End: Closeout:		
	10/1/2010 9/30/2011 12/31/2011		

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>	Previously Submitted
Closed	Start: End: Closeout:		
	10/1/2010 9/30/2011 12/31/2011		

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>	Previously Submitted
Closed	Start: End: Closeout:		
	10/1/2010 12/31/2011 3/31/2012		

Task: 44	Middle Peninsula Planning District Commission	Current Federal Total:	\$31,000.00
Technical Assistance Program			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Previously Submitted
Closed	Start: End: Closeout:		
	10/1/2010 9/30/2011 12/31/2011		

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>	Previously Submitted
Closed	Start: End: Closeout:		
	10/1/2010 12/31/2011 3/31/2012		

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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>	Previously Submitted
Closed	Start: End: Closeout:		
	10/1/2010 9/30/2011 12/31/2011		

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:		
	10/1/2010 9/30/2011 12/31/2011		

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>	Previously Submitted
Closed	Start: End: Closeout:		
	10/1/2010 9/30/2011 12/31/2011		

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>	Previously Submitted
Closed	Start: End: Closeout:		
	1/1/2011 12/31/2011 3/31/2012		

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Task: 91	Environmental Law Institute	Current Federal Total: \$30,000.00	
Restatement of Virginia's Enforceable Policies			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u> Project Period Open	
Open	Start: End: Closeout:		
	1/1/2011 3/31/2013 6/30/2013		

During the previous period, ELI discussed with Virginia Coastal Program staff priorities for adding threatened and endangered species (TES) provisions to Virginia's Enforceable Policies. At the direction of staff, ELI suspended work on restating enforceable policies to allow consultation with NOAA and with Virginia state agencies. ELI also consulted with Virginia Coastal Program staff concerning ways to proceed with updating the portions of Virginia's fish and wildlife enforceable policies that do not involve TES, so that this updated set of policies could be advanced independently.

During the current period, ELI submitted a proposed re-prioritization and description of how these goals could be carried forward. Virginia's Coastal Program decided to prioritize moving forward with the Game and Inland Fisheries provisions, and to engage in further fact-finding on threatened and endangered species impacts on federal consistency. ELI accordingly submitted language re-defining the deliverables and milestones for this project in accordance with the revised program priorities. ELI received approval for the re-defined approach during the last week of July 2012.

The grant agreement has been extended until 3/31/2013 in order to accommodate this re-prioritization. ELI has commenced work on the redefined priorities.

Final Products <input type="checkbox"/>	% Completion	Anticipated Completion Date
Update of Game and Inland Fisheries Enforceable Policies <input type="checkbox"/>	15	March 31, 2013
Review of TES recommendations and practices <input type="checkbox"/>	10	March 31, 2013

Task: 93.01	The Nature Conservancy	Current Federal Total: \$75,000.00	
CSI: Intergovernmental Decision-making: Mid-Atlantic Regional Council on the Ocean (MARCO) GIS Portal			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u> Attached	
Open	Start: End: Closeout:		
	10/1/2010 6/30/2012 9/30/2012		

Task: 93.02	Virginia Commonwealth University	Current Federal Total: \$22,915.00	
Coastal GEMS Version 3 Final Development and Implementation			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u> Submit w/next Semiannual Report	
Open	Start: End: Closeout:		
	10/1/2011 6/30/2012 9/30/2012		

Task: 94.01	Virginia Institute of Marine Science - Center for Coastal Resources Management	Current Federal Total: \$100,000.00	
Shoreline Inventory Reports for Tidewater Localities - Northampton County			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u> Previously Submitted	
Closed	Start: End: Closeout:		
	10/1/2010 12/31/2011 3/31/2012		

VIRGINIA COASTAL ZONE MANAGEMENT PROGRAM

Year: 2010

**Performance Report, Section A, for Cooperative Agreement No. NA10NOS4190205
for the period from**

Task: 94.02	Virginia Institute of Marine Science	Current Federal Total:	\$50,000.00
Shore Evolution in Several Virginia Localities 2010			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Attached
Closeout	Start: End: Closeout:		
	10/1/2010 3/31/2012 6/30/2012		

Task: 95	Middle Peninsula Planning District Commission	Current Federal Total:	\$25,000.00
Special Area Management Plan for Dragon Run			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Project Period Open
Open	Start: End: Closeout:		
	10/1/2010 12/31/2012 3/31/2013		

Product 1: Report on Land-Use Policy Adoption/Implementation: From April 2011 to the present date, Dragon Run Watershed counties, including Gloucester, King & Queen, Essex and Middlesex Counties, have made no additional progress on the development of their comprehensive plans. Also please note that the MPPDC staff project manager resigned in April 2011.

Product 2: Report on DRSC, Dragon TA and Education: The Dragon Run Steering Committee served as the lead advisory council for Dragon Run Day 2011 and since the MPPDC staff project manager resigned in April 2011, the MPPDC provided limited to no staff support in preparation for Dragon Run day. MPPDC staff has contacted the coordinator of Dragon Run Day 2011 for information regarding the Day and activities that took place.

Product 3: Conservation Land –Use and Assessment Policies: On two occasions, MPPDC staff presented outcomes of Year one of the Conservation Easement Project. First, staff presented at the Virginia’s United Land Trust 2011 Conference: Conserving Our Common Wealth and then at the Virginia Association of Assessing Officers 2011 Educational Seminar to inform stakeholders (ie. Conservation Entities, Commissioners of Revenue, County Staff and State Agencies) of the fiscal impacts of conservation easements. As per the discussions from the beginning of the project, MPPDC staff also focused on developing a public policy matrix. This matrix included a memorandum of understanding to help improve communication between the county and conservation entities. MPPDC staff has provided the matrix to county administrators and town managers for discussion on September 9, 2011. To close out product #3, MPPDC staff developed a guidance report for Commissioners of Revenue, County Staff and Elected Officials that captures the policy outcomes of facilitated discussion, identifies state requirements, and the process to consistently account for eased lands. This report has been distributed.

New Product 4: MPPDC staff has requested a project extension and a reprogram request to re-scope the remaining project funds to support MPPDC Task 95.01 to assist with education and outreach on heir property ownership issues within the Dragon Run watershed. Task 95.01 is complete and MPPDC staff can commence outreach on report findings and initiate discussions on draft legislation necessary to implement findings from NA09NOS4190163 Task 95.01 Failing Septic Systems and Heir Property: Legal Remedies.

Final Products	% Completion	Anticipated Completion Date
Report on Land-Use Policy Adoption/Implementation <input type="checkbox"/>	90%	NA- 90% is complete
Report on DRSC, Dragon TA and Education <input type="checkbox"/>	95%	NA- 95% is complete
Conservation Land-use and Assessment Policies <input type="checkbox"/>	100%	Completed
*New Proposed Deliverable- Heir Ownership Legal Education <input type="checkbox"/>	1%	Just started

Task: 96	TBD	Current Federal Total:	\$0.00
Seaside Special Area Management Plan			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Funds Transferred Out of Task
Proposed	Start: End: Closeout:		
	10/1/2010 9/30/2011 12/31/2011		

Year: 2010

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Task: 96.01	Accomack-Northampton Planning District Commission	Current Federal Total:	\$11,457.00
Seaside Special Area Management Plan Phase 3 Technical Assistance			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Previously Submitted
Closed	Start: End: Closeout:		
	6/1/2011 12/31/2011 3/31/2012		

Task: 96.02	The Nature Conservancy	Current Federal Total:	\$21,000.00
Seaside Special Area Management Plan: Habitat Suitability and Evaluation Project Team Administration and Public Outreach Coordination			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Attached
Open	Start: End: Closeout:		
	6/1/2011 6/30/2012 9/30/2012		

Task: 96.03	Virginia Institute of Marine Science	Current Federal Total:	\$21,043.00
Seaside Special Area Management Plan: Synthesis and Evaluation			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Previously Submitted
Closed	Start: End: Closeout:		
	6/1/2011 12/31/2011 3/31/2012		

Task: 96.04	Virginia Institute of Marine Science - Center for Coastal Resources Management	Current Federal Total:	\$26,500.00
Seaside SAMP: Geo-spatial assessment of activities occurring on privately leased state-owned bottom			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Attached
Closeout	Start: End: Closeout:		
	6/1/2011 3/31/2012 6/30/2012		

Task: 97.01	Middle Peninsula Planning District Commission	Current Federal Total:	\$40,000.00
Middle Peninsula Conservation Corridors Plan: Year 2			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Previously Submitted
Closed	Start: End: Closeout:		
	10/1/2010 12/31/2011 3/31/2012		

Task: 97.02	Northern Virginia Regional Commission	Current Federal Total:	\$55,000.00
Northern Virginia Conservation Corridor Planning			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Submit w/next Semiannual Report
Closeout	Start: End: Closeout:		
	10/1/2010 12/31/2011 9/30/2012		

Year: 2010

VIRGINIA COASTAL ZONE MANAGEMENT PROGRAM
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for the period from

Task: 97.03 Dept. of Conservation & Recreation
VNEMO Program Implementation in Coastal Zone

Current Federal Total: \$58,000.00

Project status:

Current approved

Final deliverable(s) status: Attached

Closeout

Start: End: Closeout:
10/1/2010 3/31/2012 6/30/2012