

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>	Attached 10/30/2012
Closeout	Start: End: Closeout:		
	10/1/2010 3/31/2013 6/30/2013		

All funds have been spent or transferred out of this task. A final project summary is attached.

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		

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>	Attached
Closed	Start: End: Closeout:		
	10/1/2010 12/31/2012 3/31/2013		

An extension on this grant was requested and approved through December 31, 2012 due to unforeseen issues with posting and clearing expenses and so that grant could be reconciled to \$0 balance as planned. A final report is attached.

Final Products	% Completion	Anticipated Completion Date
Communication/Education/Marketing Materials	100%	
Website Development/Maintenance	100%	
Campaigns/Events/Presentations/Exhibits	100%	

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		

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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		

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>	Attached
Closed	Start: End: Closeout:		
	1/15/2012 12/31/2012 3/31/2013		

Overall, production of shellfish larvae was not 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. 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. 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. In the fall and winter of 2011-2012, Dr. Jim Wesson provided personnel to track some of these parameters with training and equipment provided by Dr. David Kuhn. Water quality parameters observed during the 2012 season have been more favorable compared to those experienced in the fall of 2011. At this juncture, it is speculated that ammonia could be a problem because it is extremely toxic to aquatic organisms. Levels have been low in 2012, but concentrations in 2011 were alarmingly high.

Using the collected water chemistry data, VMRC can estimate the calcium carbonate saturation state. If the calcium carbonate saturation state is less than one, then calcium carbonate can readily dissolve. Conversely, if the calcium carbonate saturation state is greater than one, then calcium carbonate does not readily dissolve. Calcifying organisms (e.g. oysters and clams) typically live in conditions where the calcium carbonate saturation state is greater than one and thrive in conditions where it is much greater than one. Ocean acidification can contribute to lower calcium carbonate state values. In areas influenced by rivers and runoff, the calcium carbonate saturation state can also be lowered by freshwater dilution. This phenomenon is particularly true during and after heavy rainfall events. In 2012, all of the hatcheries had calcium saturation state values greater than one. However, values were approaching or close to one, the minimum threshold, in many instances. We do not have ample data from the 2010 and 2011 seasons. It is reasonable to assume that calcium saturation state values were lower during this period due to significant rain events.

Intake and hatchery tank water samples were routinely sent from each hatchery to Dr. David Kuhn's lab for microbial analysis. Included in the analysis are aerobic plate counts, total coliforms, fecal coliforms, Escherichia coli, and pathogenic bacteria in the Vibrionaceae family. The general population trend of these bacteria increased with warmer waters. Surprisingly, very low levels of coliforms have been observed throughout the 2012 growing season. This is further evidence that rain events have been minimal in 2012. Many bacteria species were identified and quantified in the Vibrionaceae family including: Aeromonas hydrophila, Vibrio alginolyticus, V. cholerae, V. fluvialis, V. parahaemolyticus, V. vulnificus, Pasteurella multocida, Pasteurella spp., Pasteurella pneumotropica, Photobacterium damsela, and Shewanella spp. Bacteria from the Vibrionaceae family can release toxins that are harmful to shellfish larvae.

There are hundreds of pollutants that could be in the Chesapeake Bay that could be toxic to shellfish larvae. It would be cost prohibitive to analyze for all of these parameters in the water at each hatchery. Fortunately, the majority of these pollutants can be absorbed by charcoal in a carbon filter. Charcoal was collected from a carbon filter that had been filtering Chesapeake Bay water for several weeks at one of the hatcheries. This charcoal was subjected to a priority pollutant scan. The results of the charcoal analysis indicated that it was relatively clean. The most important pollutant that was identified was bromoform. Bromoform is very toxic to aquatic life and can be released by some algae species in the Chesapeake Bay water. For this reason, bromoform and other VOCs have been selected as an additional parameter to monitor in the water at all six of the shellfish hatcheries.

Final Products	% Completion	Anticipated Completion Date
1. Provide wet-lab equipment for six Virginia Hatcheries.	100	
2. Data transfer between hatcheries, VMRC and VA Tech.	100	

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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		

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		

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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		

Task: 10	Dept. of Conservation & Recreation - Natural Heritage	Current Federal Total:	\$200,000.00
Eastern Shore Land Acquisition-Mutton Hunk Conservation Easement			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Project Pending
Proposed	Start: End: Closeout:		
	10/1/2010 9/30/2013 12/31/2013		

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.

306A documentation for a conservation easement on a parcel adjacent to Mutton Hunk Fen Natural Area Preserve was submitted to NOAA for approval on April 19, 2013. Once approval is received, the Department of Conservation and Recreation expects to close on the acquisition very quickly given that all state approvals are in place.

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>	Attached
Closed	Start: End: Closeout:		
	10/1/2010 12/31/2012 3/31/2013		

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>	Attached
Closed	Start: End: Closeout:		
	10/1/2010 9/30/2012 12/31/2012		

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>	Previously Submitted
Closed	Start: End: Closeout:		
	2/1/2011 6/30/2012 9/30/2012		

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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: End: Closeout:		
	10/1/2010 9/30/2011 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>	Previously Submitted
Closed	Start: End: Closeout:		
	1/1/2011 12/31/2011 9/30/2012		

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

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

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Task: 12.07	Northern Virginia Regional Commission	Current Federal Total:	\$60,510.00
NVRC Sustainable Shoreline Community Management			
<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    3/31/2013    6/30/2013		

During this period, NVRC concluded the Workgroup Outcome Report, the Adaptation Strategy Report and the Communications Strategy through additional workshops, input and recommendations from the stakeholders.

NVRC continued to work with the Dutch Embassy, hosting a symposium to discuss their decision making process including the Delta Programme and the Room for the River projects. This conference "Climate Adaptation Planning: Local Level Strategies for US Communities" discussed the exchange and application of mutually beneficial and innovative climate adaptation policies. The participants reviewed national and sub-national climate adaptation approaches from the Netherlands. Case studies were also outlined concerning US cities (New Orleans and San Francisco) in which Dutch climate adaptation policies were evaluated and adopted, leading to resiliency and economic development in those regions of the US. This Phase of the project completed an adaptation report that included an inventory of existing adaptation strategies and lessons-learned from pioneering areas within the United States and abroad.

The best practices from the Dutch workshop provided an inventory and comparison of policies and planning documents that can be adopted by Northern Virginia's localities in relation to tidal shoreline and floodplain management, Chesapeake Bay Preservation, climate change planning, and other comparable efforts. By combining local planning efforts with lessons-learned from across the world, this phase of the report continued to inform Northern Virginia localities in establishing the necessary first steps in identifying adaptive measures for increasing the resiliency of their coastal communities and protecting their valuable cultural and natural heritage.

NVRC continued to work with the Virginia/Chesapeake NEMO programs, other regional PDC's and workgroup members to develop a broader sense of communication, which included presentations and other materials for distribution to the public by NVRC and its partners. NVRC will continue with the Chesapeake Watershed Network to improve communication and information sharing. Strategies to proactively prepare for inundation impacts are key to the dialogue and successful implementation of creating Resiliency within the region. Engaging the public is essential to solving the region's challenges. Communication strategies are the tools to confirm ideas and solutions to continue to move the discussion forward. These strategies provide public forums to inform Northern Virginia residents, organizations and stakeholders regarding the challenges the region faces and what we as a region can do proactively to plan and mitigate climate change effects.

Final Products	% Completion	Anticipated Completion Date
Workgroup Outcome Report	100%	March 31, 2013
Adaptation Strategy Report	100%	March 31, 2013
Communication Report	100%	March 31, 2013

[Virginia CZM has reviewed the final product submitted for this task and has determined that it does not fulfill the contracted deliverables outlined in the scope of work. Therefore, VACZM will work with NVRC to determine next steps in addressing project closeout to take place by September 30, 2013].

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: 13	Virginia Institute of Marine Science	Current Federal Total:	\$13,926.00
Shore Change Website and Dune Monitoring			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Project Pending
Pending	Start:      End:      Closeout:		
	5/1/2013    9/30/2013    12/31/2013		

This contract has not yet been fully executed. The contract package was mailed to the grantee on 4/29/2013.

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Task: 41	Accomack-Northampton Planning District Commission	Current Federal Total:	\$30,000.00
A-NPDC Technical Assistance Program			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	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		

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		

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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		

Task: 50	Northern Neck Planning District Commission	Current Federal Total:	\$15,000.00
Plant Northern Neck Natives Campaign			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Project Pending
Pending	Start: End: Closeout:		
	4/1/2013 9/30/2013 12/31/2013		

This contract has not yet been fully executed. The contract package was mailed to the grantee on 4/26/2013.

Task: 51	Middle Peninsula Planning District Commission	Current Federal Total:	\$5,000.00
Land's End Property - Preliminary Management Plan Development			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Project Period Open
Open	Start: End: Closeout:		
	4/1/2013 9/30/2013 12/31/2013		

This task was contracted after the reporting period on 4/25/2013.

Task: 52	Middle Peninsula Chesapeake Bay Public Access Authority	Current Federal Total:	\$6,000.00
Middle Peninsula Chesapeake Bay Public Access Authority: Perrin Wharf Waterfront Revitalization			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Project Period Open
Open	Start: End: Closeout:		
	4/1/2013 9/30/2013 12/31/2013		

This task was contracted after the reporting period on 4/25/2013.

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Task: 53	Middle Peninsula Planning District Commission	Current Federal Total:	\$14,890.00
Floating Structures - The Policy and Permitting Complexities			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Project Pending
Pending	Start: End: Closeout:		
	4/15/2013 9/30/2013 12/31/2013		

This contract has not yet been fully executed. The contract package was mailed to the grantee on 4/26/2013.

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>	Attached
Closeout	Start: End: Closeout:		
	1/1/2011 3/31/2013 6/30/2013		

During this period, ELI prepared draft Routine Program Change updates to Virginia's fish and wildlife enforceable policies carried out by the Department of Game and Inland Fisheries that do not involve threatened and endangered species. ELI prepared written analysis and tables in support of the RPC. These have been provided to the Virginia Coastal Program (VCP) for review.

During this period, in accordance with the re-defined approach endorsed by the VCP and NOAA, and in accordance with the amended work description developed during the preceding period, ELI engaged in fact-finding on Virginia threatened and endangered species issues in federal consistency review. ELI reviewed Virginia practice, analyzed selected federal consistency determinations and certifications and DEQ concurrence letters, and examined relevant practices in other similar states. ELI produced a report identifying how Virginia-listed species are currently addressed in federal consistency processes, how such practices can affect (and in some cases have affected) submissions by applicants and actions by federal actors and applicants, and identified potential improvements to current practice.

Final Products	% Completion	Anticipated Completion Date
Update of Game and Inland Fisheries Enforceable Policies	100	March 31, 2013
Review of TES recommendations and practices	100	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>	Previously Submitted
Closed	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>	Attached
Closed	Start: End: Closeout:		
	10/1/2011 6/30/2012 9/30/2012		

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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		

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>	Previously Submitted
Closed	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>	Attached
Closed	Start: End: Closeout:		
	10/1/2010 12/31/2012 5/31/2013		

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 regards 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 linked NA10NOS4190205 Task 95 with the completed NA 09NOS4190163 Task 95.01. to seek new enforceable policy to address heir ownership and failed septic systems. Utilizing recommendations from the national Sea Grant law center report, MPPDC staff worked with the MPPDC Commission, Legislative representatives, and local elected officials to advance these ideas through the development of House Bill 1448. This bill amends the Code of Virginia by adding a section numbered §15.2-958.6, relating to the financing of repairs for failed septic systems.

Final Products	% Completion	Anticipated Completion Date
Report on Land-Use Policy Adoption/Implementation	90%	NA- 90% is complete
Report on DRSC, Dragon TA and Education	95%	NA- 95% is complete
Conservation Land-use and Assessment Policies	100%	Completed
*New Proposed Deliverable- Heir Ownership Legal Education	100%	Completed

Year: 2010

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

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

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> Previously Submitted
Closed	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> Previously Submitted
Closed	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

Year: 2010

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

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>	Attached
Closed	Start: End: Closeout:		
	10/1/2010 12/31/2011 3/31/2013		

Task: 97.03	Dept. of Conservation & Recreation	Current Federal Total:	\$58,000.00
VNEMO Program Implementation in Coastal Zone			
<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Previously Submitted
Closed	Start: End: Closeout:		
	10/1/2010 3/31/2012 6/30/2012		