

Year: 2008

VIRGINIA COASTAL ZONE MANAGEMENT PROGRAM
Performance Report, Section A, for Cooperative Agreement No. NAO8NOS4190466
for the period from April 1, 2010 - September 30, 2010

Task: 1 Dept. of Environmental Quality - Virginia Coastal Zone Management Program				
Coastal Program Management				
<u>Project status:</u>	<u>Current approved</u>			<u>Final deliverable(s) status:</u> Previously Submitted 10/30/2009
Closed	Start:	End:	Closeout:	
	10/1/2008	3/31/2010	6/30/2010	

Task: 1.01 Virginia Institute of Marine Science - Chesapeake Bay National Estuarine Research Reserve System				
Coastal Program Management Support				
<u>Project status:</u>	<u>Current approved</u>			<u>Final deliverable(s) status:</u> Previously Submitted 10/30/2009
Closed	Start:	End:	Closeout:	
	10/1/2008	9/30/2009	12/31/2009	

Task: 1.02 Virginia Commonwealth University				
Coastal GIS Support				
<u>Project status:</u>	<u>Current approved</u>			<u>Final deliverable(s) status:</u> Previously Submitted 4/30/2010
Closed	Start:	End:	Closeout:	
	10/1/2008	9/30/2009	12/31/2009	

Task: 1.03 Dept. of Environmental Quality - Virginia Coastal Zone Management Program				
Outreach & Publications				
<u>Project status:</u>	<u>Current approved</u>			<u>Final deliverable(s) status:</u> Submit w/next Semiannual Report
Closeout	Start:	End:	Closeout:	
	10/1/2008	9/30/2010	12/31/2010	

Remaining funds in this extended task were:

- 1) used to -
 - color copy the 2010 Eastern Shore Birding and Wildlife Festival poster;
 - frame the student and school award certificates for the 2010 Eastern Shore Birding and Wildlife Festival Art Contest;
 - sponsor the 2010 Eastern Shore Birding and Wildlife Festival
- 2) set aside to transfer to FY08 Task 14 to provide additional funds needed to install a new native plant demonstration garden in Wachapreague through the Plant ES Natives campaign
- 3) set aside to procure a new digital camera for the Virginia CZM Program to support the need for high quality imagery for publications and exhibits.

\$2,955 currently remain in this task.

Final Products	% Completion	Anticipated Completion Date
Virginia Coastal Zone Management Magazine	Production Delayed	Early 2010
Website Development and Maintenance	100%	September 30, 2009
Program Exhibits and Distribution of Material	100%	September 30, 2009
Program Campaigns and Events	100%	September 30, 2009

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Task: 2 Dept. of Environmental Quality Subcontract				
Quick Response Grants				
<u>Project status:</u>	<u>Current approved</u>			<u>Final deliverable(s) status:</u> Funds transferred out of this task
Pending	Start:	End:	Closeout:	
	10/1/2008	6/30/2010	9/30/2010	

The remaining balance of \$473 will be transferred to the new Task 14, Wachapreague Demonstration Garden as soon as NOAA approval is received for Task 14.

Task: 2.01 Back Bay Restoration Foundation				
Back Bay Restoration Foundation "State of the Bay" Conference				
<u>Project status:</u>	<u>Current approved</u>			<u>Final deliverable(s) status:</u> Previously Submitted 10/30/2009
Closed	Start:	End:	Closeout:	
	1/1/2009	6/30/2009	9/30/2009	

Task: 2.02 Middle Peninsula Planning District Commission				
Law and Policy Regarding Floating Homes				
<u>Project status:</u>	<u>Current approved</u>			<u>Final deliverable(s) status:</u> Submit w/next Semiannual Report
Closeout	Start:	End:	Closeout:	
	12/1/2009	9/30/2010	12/31/2010	

Product 1 (Study Committee): Middle Peninsula Planning District Commission (MPPDC) Staff established a Floating Homes Steering Committee in April 2010 to consider the policy implications of floating structures from a local government perspective as well as from the perspective of stakeholders, industry and the citizens of the region. The Committee consisted of representatives identified by Essex, Gloucester, King & Queen, Mathews and Middlesex County. Over the course of four meetings, the Committee recognized that local government has the responsibility (enabling authority) to manage "use" within its territorial boundaries. Additionally the Committee settled on the designation "floating structure" and what "uses" is customarily associated. The Committee then discussed various community benefits (economic, social, political and fiscal) associated with floating structures and agreed that in many aspects, floating structures can be an asset to a coastal community if managed and articulated correctly within public policy. With the assistance of MPPDC staff, the Committee was able to establish policy recommendations that coastal communities may use to manage floating structures and their use.

Product 2 (Law and Policy Research): In partnership with the National Sea Grant Law Center, a comprehensive report was developed that focuses on how states and localities across the nation regulate and manage floating homes within their respective jurisdictions in order to evaluate how local governments in Virginia might regulate floating homes. Providing definitions of floating homes/structures, to taxation impaction of these structures to addressing local government authority, this report was used as supplementary information and research for the Floating Homes Steering Committee to consider in developing policy recommendations for localities in the Middle Peninsula.

Product 3 (Education and Outreach): MPPDC staff have coordinated with the Virginia Institute of Marine Science/Virginia Seagrass to develop an article that will be included in the next outreach effort of their Advisory Services.

Final Products	% Completion	Anticipated Completion Date
Establish a Floating Home Study Committee	100%	Sept 2010
Report from the National Sea Grant Law Center: Law and Policy Research	100%	Sept 2010
Education and Outreach – Virginia Sea Grant/ VIMS Advisory Report	100%	Sept 2010

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Task: 2.03 Virginia Institute of Marine Science

A Critique of Existing Methodologies for Developing Shoreline Management Plans for Local Governments

<u>Project status:</u>	<u>Current approved</u>			<u>Final deliverable(s) status:</u>	Project Period Open
Open	Start:	End:	Closeout:		
	1/1/2010	12/31/2010	3/31/2011		

This project critiques two different techniques for mapping and delivering management recommendations to local governments. Three pilot areas have been selected where baseline data necessary to support both methods have been collected. Stage one of the project was to complete the mapping and analysis for Method One – an automated Geospatial Shoreline Management Model -for two areas. This will bring both methods to completion for the three pilot areas. Stage two of the project is a comparative analysis of the two methods. Here a review of data extent, accuracy, time and efficiency, end products, etc will be prepared. Stage three presents this review to a group of stakeholders from the three pilot regions. Their comments and suggestions will be incorporated into a final review document.

During this reporting period the focus has been to analyze the geospatial similarities and differences between the two models for each pilot area. A synthesis of the classifications was performed to “bucket” classes into “like” terms. Lack of metadata completeness in Method two generated some time delays. Also, variations in the classification used in Method 2 for each of the three pilot areas created problems. Ultimately this analysis compared miles of shoreline delineated, where recommendations coincided and where they differed.

Progress was also made to generate a potential stakeholder participants list for the workshop. A workshop planning meeting has been held to coordinate final project needs for the workshop and deliverables. Upcoming events and commitments in the region will force the workshop date to be held in early November. Since this is beyond the project period, a 3-month extension has been granted for this project.

Final Products	% Completion	Anticipated Completion Date
Geospatial Shoreline Management Model - complete 2 pilot areas	100	
Document comparisons between two methods	90%	October 15, 2010
Conduct Stakeholder assessment of two methods	10%	November 15, 2010

Task: 3 Dept. of Environmental Quality - Environmental Impact Review

Environmental Impact Review and Federal Consistency

<u>Project status:</u>	<u>Current approved</u>			<u>Final deliverable(s) status:</u>	Previously Submitted 10/30/2009
Closed	Start:	End:	Closeout:		
	10/1/2008	9/30/2009	12/31/2009		

Task: 4 Dept. of Environmental Quality - Environmental Education

Community Environmental Education

<u>Project status:</u>	<u>Current approved</u>			<u>Final deliverable(s) status:</u>	Previously Submitted
Closed	Start:	End:	Closeout:		
	10/1/2008	9/30/2009	12/31/2009		

Task: 5 Dept. of Environmental Quality - Chesapeake Bay Program

Water Quality Improvement Fund Match (Tappahannock Wastewater Treatment Plant Upgrade for Nutrient Removal)

<u>Project status:</u>	<u>Current approved</u>			<u>Final deliverable(s) status:</u>	Previously Submitted
Closed	Start:	End:	Closeout:		
	10/1/2008	9/30/2009	12/31/2009		

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VIRGINIA COASTAL ZONE MANAGEMENT PROGRAM
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Task: 6 Virginia Marine Resources Commission
Permit Review and Compliance

Project status: Current approved Final deliverable(s) status: Previously Submitted
Closed Start: End: Closeout:
10/1/2008 9/30/2009 12/31/2009

Task: 7 Dept. of Conservation & Recreation - Natural Heritage
Habitat Conservation/ Locality Liason

Project status: Current approved Final deliverable(s) status: Previously Submitted
Closed Start: End: Closeout:
10/1/2008 9/30/2009 12/31/2009

Task: 8 Virginia Institute of Marine Science
Tidal Wetlands Management Support

Project status: Current approved Final deliverable(s) status: Previously Submitted
Closed Start: End: Closeout:
10/1/2008 9/30/2009 12/31/2009

Task: 9 Virginia Institute of Marine Science
2008 Submerged Aquatic Vegetation Distribution and Abundance Survey of Virginia's Chesapeake Bay and its Tributaries

Project status: Current approved Final deliverable(s) status: Previously Submitted
Closed Start: End: Closeout:
10/1/2008 12/31/2009 3/31/2010

Task: 10 Dept. of Conservation & Recreation
Eastern Shore Land Acquisition Morgan Tract 8 acres

Project status: Current approved Final deliverable(s) status: Previously Submitted
Closed Start: End: Closeout:
2/1/2009 12/31/2009 3/31/2010

Task: 11.01 Dept. of Conservation & Recreation
NEMO Support for Sustainable Community Planning

Project status: Current approved Final deliverable(s) status: Previously Submitted
Closed Start: End: Closeout:
10/1/2008 9/30/2009 12/31/2009

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Task: 11.02 Dept. of Game & Inland Fisheries/VCU/DCR
Assessment of Priority Green Infrastructure

<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Previously Submitted
Closed	Start: End: Closeout:		
	10/1/2008 9/30/2009 12/31/2009		

Task: 11.03 Virginia Institute of Marine Science
Estuarine Blue Infrastructure: Final Priority Conservation Areas for Chesapeake Bay and its Tidal Tributaries and Back Bay

<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Attached
Closed	Start: End: Closeout:		
	10/1/2009 3/31/2010 6/30/2010		

Task: 12 TBD
Sustainable Community Planning

<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Project Canceled
Cancelled	Start: End: Closeout:		
	10/1/2008 9/30/2009 12/31/2009		

Funds for Task 12 have all been allocated to Tasks 12.01 - 12.08.

Task: 12.01 Accomack County
Accomack County Blue-Green Infrastructure Planning

<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Attached
Closed	Start: End: Closeout:		
	5/1/2009 4/30/2010 9/30/2010		

Task: 12.02 George Washington Regional Commission
Blue-Green Infrastructure Protection- Developing a Conservation Corridor Plan for the GW Region, Phase 1

<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Previously Submitted
Closed	Start: End: Closeout:		
	10/1/2008 9/30/2009 12/31/2009		

Task: 12.03 Hampton Roads Planning District Commission
Hampton Roads Climate Change Adaptation

<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Previously Submitted
Closed	Start: End: Closeout:		
	10/1/2008 12/31/2009 3/31/2010		

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Task: 12.04 Middle Peninsula Planning District Commission

Middle Peninsula Climate Change Adaptation- An Assessment of Potential Anthropogenic and Ecological Impacts of Climate Change on the

Project status: Current approved Final deliverable(s) status: Previously Submitted

Closed Start: End: Closeout:
10/1/2008 9/30/2009 12/31/2009

Task: 12.05 Northern Neck Planning District Commission

Northern Neck Blue-Green Infrastructure Protection

Project status: Current approved Final deliverable(s) status: Previously Submitted

Closed Start: End: Closeout:
10/1/2008 12/31/2009 3/31/2010

Task: 12.06 Northern Virginia Regional Commission

Northern Virginia Climate Change Adaptation- Sustainable Shoreline Community Management, Phase I

Project status: Current approved Final deliverable(s) status: Previously Submitted

Closed Start: End: Closeout:
10/1/2008 9/30/2009 12/31/2009

Task: 12.07 Richmond Regional Planning District Commission

Central Virginia Blue-Green Infrastructure Protection

Project status: Current approved Final deliverable(s) status: Previously Submitted

Closed Start: End: Closeout:
10/1/2008 9/30/2009 12/31/2009

Task: 12.08 Northampton County

Northampton Co. Blue & Green Infrastructure Protection, Phase I

Project status: Current approved Final deliverable(s) status: Attached

Closed Start: End: Closeout:
6/1/2009 12/31/2009 6/30/2010

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Task: 13 Dept. of Conservation & Recreation
Kiptopeke State Park: CZM/Taylor Tract Songbird Habitat Restoration

<u>Project status:</u>	<u>Current approved</u>			<u>Final deliverable(s) status:</u>	Submit w/next Semiannual Report
Closeout	Start:	End:	Closeout:		
	3/15/2010	9/30/2010	12/31/2010		

Grant awarded March 10, 2010. Songbird habitat restoration completed April 2010 by Conservation Services Inc. Native Grasses and Pond Buffer completed April 2010 by Wagner Brothers Landscaping Inc. Eastern Shore Native Demonstration Garden completed August 16, 2010 by the Eastern Shore Master Gardeners volunteer group (10+ volunteers). Phragmites treated September 20, 2010 by Virginia State Park employees (2), Wildlife Viewing blinds completed by Kiptopeke State Park staffing and volunteers (3) September 30, 2010. 5 of 6 signs written and manufactured by CZM and state park staff (3); installation pending by state park employees (2).

Final Products	% Completion	Anticipated Completion Date
Songbird Habitat Restoration	100%	April 30, 2010
Plant Eastern Shore Native Demonstration Garden	100%	August 16, 2010
Native Grasses Walking Trail and Pond Buffer	100%	April 30, 2010
Phragmites Removal	100%	September 20, 2010
Interpretive Signage	75%	October 8, 2010
Wildlife Viewing Blinds	100%	October 1, 2010

Task: 41 Accomack-Northampton Planning District Commission
Technical Assistance Program

<u>Project status:</u>	<u>Current approved</u>			<u>Final deliverable(s) status:</u>	Previously Submitted
Closed	Start:	End:	Closeout:		
	10/1/2008	9/30/2009	12/31/2009		

Task: 42 Crater Planning District Commission
Technical Assistance Program

<u>Project status:</u>	<u>Current approved</u>			<u>Final deliverable(s) status:</u>	Previously Submitted
Closed	Start:	End:	Closeout:		
	10/1/2008	9/30/2009	12/31/2009		

Task: 43 Hampton Roads Planning District Commission
Technical Assistance Program

<u>Project status:</u>	<u>Current approved</u>			<u>Final deliverable(s) status:</u>	Previously Submitted
Closed	Start:	End:	Closeout:		
	10/1/2008	9/30/2009	12/31/2009		

Task: 44 Middle Peninsula Planning District Commission
Technical Assistance Program

<u>Project status:</u>	<u>Current approved</u>			<u>Final deliverable(s) status:</u>	Previously Submitted
Closed	Start:	End:	Closeout:		
	10/1/2008	9/30/2009	12/31/2009		

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Task: 45 Northern Neck Planning District Commission
Technical Assistance Program

Project status: Current approved Final deliverable(s) status: Previously Submitted
Closed Start: End: Closeout:
10/1/2008 9/30/2009 12/31/2009

Task: 46 Northern Virginia Regional Commission
Technical Assistance Program

Project status: Current approved Final deliverable(s) status: Previously Submitted
Closed Start: End: Closeout:
10/1/2008 9/30/2009 12/31/2009

Task: 47 George Washington Regional Commission
Technical Assistance Program

Project status: Current approved Final deliverable(s) status: Previously Submitted
Closed Start: End: Closeout:
10/1/2008 9/30/2009 12/31/2009

Task: 48 Richmond Regional Planning District Commission
Technical Assistance Program

Project status: Current approved Final deliverable(s) status: Previously Submitted
Closed Start: End: Closeout:
10/1/2008 9/30/2009 12/31/2009

Task: 49 Virginia Beach/Virginia Aquarium and Marine Science Center
Marine Mammal & Sea Turtle Stranding Response

Project status: Current approved Final deliverable(s) status: Previously Submitted
Closed Start: End: Closeout:
1/1/2009 12/31/2009 3/31/2010

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Task: 81 Dept. of Conservation & Recreation
Coastal NPS Program Management

<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Attached
Closed	Start: End: Closeout:		
	10/1/2008 6/30/2010 9/30/2010		

For the grant reporting period, the Environmental Analyst at the Virginia Commonwealth University continued to serve as the Coastal NPS Program Manager and implement the Coastal NPS Program at the Virginia Department of Conservation and Recreation. The focus of the Coastal NPS Program is the continued expansion of the role and services of the Virginia Network for Education of Municipal Officials (VNEMO) in the Coastal Zone.

The funds that were extended were used to support the implementation of assistance through the VNEMO Program, specifically to support the staff time of a VCU GIS Specialist to assist in the development of the buildout analysis in Charles City County. Charles City County is undergoing their Comprehensive Planning Process and is including the establishment of Urban Development Areas. The VCU GIS Specialist obtained the necessary data to begin the foundation of the buildout analysis process working with the County staff. The County requested the VNEMO Program to provide: assistance in conducting a buildout analysis to support the policy development process in the County Comprehensive Planning revision, assistance in outlining the planning process and community engagement component for the various scenarios.

Final Products	% Completion	Anticipated Completion Date
Product #1	100%	

Task: 91.01 Virginia Institute of Marine Science
Program Implementation: Coordinator Position

<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Previously Submitted
Closed	Start: End: Closeout:		
	10/1/2008 9/30/2009 12/31/2009		

Task: 91.02 Environmental Law Institute
RPCs & Amendments

<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Project Canceled
Pending	Start: End: Closeout:		

Funds were transferred to Task 93.02 (\$3,729) for the Publicly Accessible Conservation Lands Data Layer and to Task 96.01 (\$17,238) for the Accomack County Shore Bird Survey.

Task: 92 Middle Peninsula Planning District Commission
Aquaculture: Local Policy Development

<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Previously Submitted
Closed	Start: End: Closeout:		
	10/1/2008 9/30/2009 12/31/2009		

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**Performance Report, Section A, for Cooperative Agreement No. NAO8NOS4190466
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Task: 93.01 Virginia Commonwealth University Coastal GEMS Maintenance				
<u>Project status:</u>	<u>Current approved</u>			<u>Final deliverable(s) status:</u> Previously Submitted
Closed	Start:	End:	Closeout:	
	10/1/2008	9/30/2009	3/31/2010	

Task: 93.02 Dept. of Conservation & Recreation - Natural Heritage Publicly Accessible Conservation Lands				
<u>Project status:</u>	<u>Current approved</u>			<u>Final deliverable(s) status:</u> Submit w/next Semiannual Report
Closeout	Start:	End:	Closeout:	
	6/1/2010	9/30/2010	12/31/2010	

To begin work, a copy of all Publicly Accessible Lands (PAL) was extracted from the Statewide Conservation Lands Database. The source field was used to begin contacting data sources to confirm that data were spatially accurate and up to date. In many cases, updates to spatial and tabular data have been, and are being made. DCR-NH has worked with DEQ-CZMP to determine the key PAL fields to include for query display on Coast GEMS are LABEL (i.e. name of place), MATYPE (e.g. National Forest wilderness area, National Historic Park, etc.), PUBACCESS and TOTALACRE, though DCR-NH also determined that these fields will be labeled in a more intuitive way for GEMS users. DCR-NH has also decided that rather than populate the PUBACCESS field with either "Open" or "By permission", lands will also be indicated as open but with "No facilities". This will better inform the public of many lands that are indeed accessible to them, but not necessarily always "Open". Visits to these places would require more preparation for a visit to identify specific facilities that are available (i.e., parking, trails, signage, restrooms, etc.) and to plan for those that are not. To support users interested in these lands, DCR-NH will include a field with the most suitable weblink to find out more about a particular PAL, and/or to use to contact the manager prior to visiting. DCR-NH is currently QCing over 400 weblinks to include in the final layer and attribute table to provide this added value to the product. Factsheet and metadata for Coastal GEMS are in a late draft stage. DCR-NH has maintained communication with DEQ-CZMP about the progress to data as well as eminent decisions about attribution and symbology to assure that the PAL is clearly and logically symbolized on GEMS. As deliverables, DCR-NH still plans to provide both an update to the Coastal Zone Conservation Lands dataset on GEMS now, as well as a stand-alone current PAL layer, metadata and factsheet as a new GEMS layer.

Final Products	% Completion	Anticipated Completion Date
Updated shapefile, layerfile and metadata on VA Coastal Zone Conservation Lands, for update to Coastal GEMS.	90	November 15, 2010
Updated shapefile, layerfile and metadata on VA Public Access Lands in the Coastal Zone, for update to Coastal GEMS.	90	November 15, 2010

Task: 93.03 College of William & Mary - Center for Conservation Biology An investigation of a hemispherically important migratory staging area for whimbrel along the seaside of the Delmarva Peninsula				
<u>Project status:</u>	<u>Current approved</u>			<u>Final deliverable(s) status:</u> Previously Submitted
Closed	Start:	End:	Closeout:	
	8/15/2009	3/31/2010	6/30/2010	

Task: 93.04 Virginia Eastern Shorekeeper Seaside Special Area Management Plan: Recreational Use Survey & GIS Layer				
<u>Project status:</u>	<u>Current approved</u>			<u>Final deliverable(s) status:</u> Project Period Open
Closeout	Start:	End:	Closeout:	
	9/1/2009	6/30/2010	12/31/2010	

Final Products were completed but not received due to technical problems.

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Task: 94.01 Virginia Institute of Marine Science
Living Shoreline Design and Construction Guidance Manual

<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Attached
Closed	Start: End: Closeout:		
	10/1/2008 3/31/2010 6/30/2010		

Task: 94.02 Virginia Institute of Marine Science - Center for Coastal Resources Management
Shoreline Inventory Reports for York & Newport News: Phase 2

<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Previously Submitted
Closed	Start: End: Closeout:		
	10/1/2008 9/30/2009 12/31/2009		

Task: 94.03 Virginia Institute of Marine Science
Shore Evolution in Four Virginia Localities

<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Previously Submitted
Closed	Start: End: Closeout:		
	10/1/2008 12/31/2009 3/31/2010		

Task: 94.04 Virginia Institute of Marine Science
Shoreline Management- Draft Management Plan MOA and Guidance Document for Local Governments

<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Previously Submitted
Closed	Start: End: Closeout:		
	10/1/2008 9/30/2009 12/31/2009		

Task: 95 Middle Peninsula Planning District Commission
SAMP: Dragon Run

<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Previously Submitted
Closed	Start: End: Closeout:		
	10/1/2008 3/31/2010 4/30/2010		

Task: 96 TBD
SAMP: Seaside Eastern Shore

<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Project Canceled
Pending	Start: End: Closeout:		

Task 96 funds were all allocated to subtasks 96.01 and 96.02. \$0 remain in this task.

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Task: 96.01 The Nature Conservancy

Seaside Special Area Management Plan: Project Team Administration and Avian Distribution Evaluation

<u>Project status:</u>	<u>Current approved</u>		<u>Final deliverable(s) status:</u> Submit w/next Semiannual Report
Closeout	Start: End: Closeout:		
	10/1/2009 9/30/2010 12/31/2010		

The FY2008 SAMP Project Team members include Steve Parker, Barry Truitt and Alex Wilke of The Nature Conservancy's Virginia Coast Reserve (TNC), Laura McKay and Nick Meade of the Virginia Coastal Zone Management Program (VA-CZM), Dave Burden of the Eastern Shore Keeper, Tony Watkinson, Hank Badger and Jim Wesson of the Virginia Marine Resources Commission (VMRC), Mark Luckenbach and Marcia Berman of the Virginia Institute of Marine Science (VIMS), Heather Lusk and Pete Terry of Terry Brothers Seafood, and Tom Walker of JC Walker & Sons Seafood. The purpose of the Project was to: 1) map, analyze, and interpret the current status and trends in the uses, economic values, and beneficial eco-system functions associated with state- owned and other habitats in the seaside bays of Virginia's Eastern Shore; 2) to re-evaluate these uses in light of current and projected conditions, and 3) to recommend guidelines for the allocation of resources in a manner that optimizes the environmental and socio-economic benefits derived from Virginia's barrier island lagoon system.

The Nature Conservancy's work included organizing the Project Team, developing a draft work plan, convening meetings which reviewed and compiled spatial data, uses and biological resources, including avian distribution surveys, provided by VIMS, VMRC, TNC, Shore Keeper and William and Mary's Center for Conservation Biology. The Team analyzed the Baylor Survey in terms of the current geomorphology and biological productivity of the seaside. In a series of Team meetings, VIMS, with the assistance of other Team members and also using VA-CZM's Coastal Gems mapping, prepared an overlay of the Baylor Survey. This survey, which delineates state shellfish grounds open to public and private (leased) harvest, was created by the Commonwealth to protect and allocate Virginia's productive oyster habitats and facilitate commercial harvest. The survey has not changed since the 1880's, while the seaside barrier islands, inlets, marshes, mud and sand flats are among the most dynamic and shifting marine habitats in the world, constantly moving and changing.

The final report will summarize efforts to gather, compile and present new spatial distribution data for shorebirds for the spring 2010 migration along the seaside barrier island/lagoon system of Virginia's Eastern Shore. Aerial surveys on pre-determined transects were flown over the barrier islands by scientists from the College of William & Mary's Center for Conservation Biology and The Nature Conservancy. Consistency with previous spring migration counts was assured by utilizing identical transects and sampling methods, as well as the same personnel.

This important shorebird spatial data is being added to additional avian GIS distribution data gathered earlier for the FY08 SAMP Project to be used as a tool by the Project Team. The team can analyze and interpret existing uses of the seaside bays of Virginia's Eastern Shore and make recommendations to the state regarding spatial planning, use allocations and enhancing the productivity of the ecological system.

The results of this preliminary avian distribution evaluation will be refined and integrated with other spatial distribution information (e.g. aquaculture, eelgrass and native oyster restoration) as the process continues and the Seaside SAMP Project Team and others review all spatial data layers, existing spatial allocations and stakeholder use of the barrier island system.

The GIS data has been forwarded by The Nature Conservancy to Mr. Nick Meade of the Virginia Coastal Zone Management Program to be made available on the VA-CZM Coastal GEMS website: www.deq.virginia.gov/coastal.

Final Products	% Completion	Anticipated Completion Date
Work Plan and GIS Data Review	95%	10/15/10
Data Spatial Gathering and Analysis of Avian Distribution on Seaside	95%	10/15/10
Shore Bird Spring Migration Survey	100%	9/30/10

Task: 96.02 Virginia Institute of Marine Science

Seaside Special Area Management Plan: Spatial Information Analysis and Interpretation for Shellfish Grounds and SAV Beds

<u>Project status:</u>	<u>Current approved</u>		<u>Final deliverable(s) status:</u> Attached
Closed	Start: End: Closeout:		
	10/1/2009 3/31/2010 6/30/2010		

Year: 2008

VIRGINIA COASTAL ZONE MANAGEMENT PROGRAM
Performance Report, Section A, for Cooperative Agreement No. NAO8NOS4190466
for the period from April 1, 2010 - September 30, 2010

Task: 97.01 Middle Peninsula Planning District Commission
MPPDC Inventory of Non-traditional OSDs and Impacts on Land Use Patterns

<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Previously Submitted
Closed	Start: End: Closeout:		
	10/1/2008 9/30/2009 12/31/2009		

Task: 97.02 Hampton Roads Planning District Commission
Hampton Roads Conservation Corridor Update and Implementation

<u>Project status:</u>	<u>Current approved</u>	<u>Final deliverable(s) status:</u>	Previously Submitted
Closed	Start: End: Closeout:		
	10/1/2008 12/31/2009 3/31/2010		