

# SOUTHERN MARYLAND RESOURCE CONSERVATION & DEVELOPMENT BOARD, INC.

**ANNUAL PLAN OF WORK**  
JULY 1, 2010 – JUNE 30, 2011

## COMMUNITY DEVELOPMENT

**GOAL I: Develop a comprehensive program to educate Southern Maryland community associations on fire hazard mitigation while making resources that enhance fire suppression capabilities available to volunteer fire departments.**

**OBJECTIVE A:** Collaborate with 2 volunteer fire departments in the Development Area to design and install 6 new dry-hydrants, hold 3 one-hour community seminars on defensible space and make general fire safety information available to Southern Maryland communities by 2014.

Project Measure and Partners	Completion Date	Est. Cost
<b>336 Design and Install Dry Hydrants in Charles County – (vi)</b> Partner with Charles County volunteer fire departments to design and install Up to 6 dry hydrants at the Cobb Island and Indian Head <i>Partners: Cobb Island VFD, Indian Head VFD and Eastern Shore RC&amp;D</i>	6/30/11	\$5,000

**OBJECTIVE B:** Develop a networking process for fire departments to share information on inventory of equipment, specialized equipment needs (such as fire boats), training programs and dry fire hydrant use and acquire needed assets beginning in 2011.

Project Measure and Partners	Completion Date	Est. Cost
<b>350 Assistance to Volunteer Fire Departments – (ii)</b> Partner with volunteer fire departments regarding a tool that would enhance the current method of sharing information regarding first responder assets, create an awareness of equipment on inventory, and compliment a computer program that can identify dry hydrants along with ground water supply tanks along with their locations. <i>Partners: Volunteer Fire Departments</i>	6/30/12	\$3,500

**GOAL II: Protect historical, cultural, archaeological and native resources to create sustainable economic development and heritage tourism opportunities and promote cross-cultural understanding for at least 5 communities in Southern Maryland by 2014.**

**OBJECTIVE A:** Partner with the National Park Service, Tri-County Council, Southern Maryland Heritage Area Consortium, County tourism offices and regional organizations to grow sustainable economic development opportunities and encourage historic preservation in at least 5 communities in the Development Area by 2013.

	Project Measure and Partners	Completion Date	Est. Cost
	<b>Develop Potomac Heritage Trail Corridor in Southern Maryland – (i)</b>		
293	Partner with National Park Service to extend Potomac Heritage Trail into Charles and St. Mary's Counties. Project will include identifying trail route on existing facilities, trail signage/interpretation and funding searches. <i>Partners: National Park Service; County Commissioners, Recreation and Parks, Tourism and Economic Development Offices for Charles and St. Mary's Counties; Southern Maryland Heritage Area Consortium; Oxon Hill Bicycle and Trail Club</i>	6/30/13	\$250,000
	<b>Indian Head Trail Town Initiative – (ii)</b>		
351	Work with the Town of Indian Head, the Trail Town Program, National Park Service, Charles County Parks and Recreation, and area cycling and trail clubs to transform Indian Head into a Trail Town that connects visitors and residents to the Indian Head Rail Trail and PHNST while simultaneously promoting sustainable and economic development in the town. <i>Partners: Town of Indian Head; Charles County Parks and Recreation; National Park Service; Trail Town Program; Oxon Hill Bicycle and Trail Club</i>	6/30/14	\$100,000
	<b>Assistance to the African American Heritage Society – (iv)</b>		
327	Apply to grantors for funding to facilitate renovations, library/multi-media expansion, and mobile exhibit resources for the Heritage House Museum in La Plata. <i>Partners: African American Heritage Society; Charles County Commissioners</i>	6/30/11	\$100,000

**OBJECTIVE B:** Promote Southern Maryland's historical, cultural, archaeological and native resources for heritage tourism through participation in at least 20 regional events between 2009 and 2014.

	Project Measure and Partners	Completion Date	Est. Cost
	<b>PHNST Century Rides and Promotion – (i)</b>		
293	Work with the Oxon Hill Bicycle and Trail Club to facilitate two century rides on the newly designated Southern Maryland segment of the Potomac Heritage Trail. The rides will raise awareness of Southern Maryland's unique natural and cultural heritage and raise funding to support signage and interpretation efforts along the trail corridor. If no funding is needed for signage, rides will benefit selected charity. <i>Partners: National Park Service; Oxon Hill Bicycle and Trail Club</i>	6/30/11	\$850
	<b>PHNST Trail Signage – (i)</b>		
293	Develop and install trail signage for the PHNST in Charles and St. Mary's Counties, generating project revenue through RC&D sponsored century rides. <i>Partners: National Park Service; Oxon Hill Bicycle and Trail Club</i>	6/30/11	\$2,150
	<b>Port Tobacco Archaeology – (iii)</b>		
321	Continue ongoing support for the exploration and conservation of historic resources at Port Tobacco. Develop a display of artifacts for appreciation by Charles County residents. <i>Partners: Gibbs Archaeology; Charles County Planning and Growth Management; Preservation Maryland</i>	6/30/11	\$3,000

349	<b>Charles County History Day – (iii)</b> Support History Day in Charles County as students develop historic themes in the exploration of their county’s history. <i>Partners: Charles County Board of Education</i>	3/31/11	\$100
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**GOAL III: Cooperate with schools and a wide array of regional partners to educate Southern Marylanders on the value of preserving and protecting our agricultural and natural heritage for the benefit of present and future generations through the development and annual distribution of educational materials.**

**OBJECTIVE A:** Develop a comprehensive list of organizations and individuals for potential partnership and opportunities for project investment in the development of educational programs to address agricultural and natural resource topics by 2009.

Project Measure and Partners	Completion Date	Est. Cost
No project activities planned for Fiscal Year 2011		

**OBJECTIVE B:** Work with County Boards of Education, Forest Conservancy District Boards and other organizations to develop educational curricula/materials supporting the preservation of Southern Maryland’s agricultural and natural heritage for use by local schools and other partners by 2010.

Project Measure and Partners	Completion Date	Est. Cost	
330	<b>Maryland’s Big Tree Program – (ii)</b> Coordinate with universities and the Maryland Association of Forestry Boards to secure grant funding to update equipment, establish a database and build a reference collection supporting the Maryland Big Tree Program. <i>Partners: Frostburg, Salisbury and Towson Universities; Maryland Association of Forestry Boards</i>	6/30/11	\$15,000
292	<b>TreeTalk Publication – (i)</b> Collaborate with the Forest Conservancy District Boards to create a publication based on the long-running TreeTalk article. The book will be made available to schools to encourage an appreciation for Maryland’s forests among young people. <i>Partners: Anne Arundel Forest Conservancy District Board</i>	12/31/11	\$5,000
348	<b>County Science Fairs - 2010 – (iii)</b> Support county science fairs throughout the Development Area with cash awards for innovative conservation research by Maryland students. <i>Partners: County Boards of Education</i>	6/30/11	\$500
352	<b>Mobile Science Labs- (iii)</b> Support the Maryland Agricultural Education Foundation’s Mobile Science Labs for K through elementary school children. Educate students on the importance of agriculture, and Know Your Farmer Know Your Food. <i>Partners: County Farm Bureaus, Soil Conservation Districts, Environmental Groups</i>	6/30/11	\$1,500

**National RC&D Week 2010 – (iii)**

353	Outreach to schools and youth in the development area by holding a coloring contest celebrating Resource Conservation & Development Week and encouraging interest in conservation and environmental education in schools. <i>Partners: Charles, St. Mary's, Calvert, &amp; Anne Arundel County Schools, Environmental Clubs, after-school organizations</i>	4/30/11	\$200
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**GOAL IV: Impact at least 20 businesses annually by preserving, increasing and/or further developing the economic and environmental viability of the diverse resource-based industries in Southern Maryland in a safe and sustainable manner.**

**OBJECTIVE A:** Work with local partners, including Soil Conservation Districts and regional professional associations, to identify resources-based industry stakeholders (watermen, farmers, trappers and foresters) and assess their need for, and opportunities in, sustainability and economic development by 2011.

	Project Measure and Partners	Completion Date	Est. Cost
354	<b>Agricultural Use Advisory Board – (i)</b> Work with local partners, stakeholders and other resource based (i) representatives regarding the development of a list of individuals willing to serve on an advisory board that would be tasked in developing a regional land use definition for the term “Agricultural Use.” <i>Partners: Soil Conservation Districts, County Farm Bureaus, County Governments, County Agricultural Advisory Committees, Southern Maryland Agricultural Development Commission</i>	6/30/11	\$200

**LAND CONSERVATION**

**GOAL V: Utilize diverse educational opportunities and outreach to Southern Maryland audiences to promote a land ethic that values native habitat in the RC&D Development Area.**

**OBJECTIVE A:** Promote legislative initiatives that include enforcement of existing laws through the formation of alliances with other agencies with similar goals, designing and implementing a citizens monitoring project and encourage public participation via the RC&D web-site, school contests, programs and publications to preserve sites of natural character in the RC&D Development Area by 2014.

	Project Measure and Partners	Completion Date	Est. Cost
339	<b>Forest Landowner Outreach – (i)</b> Work with “Forestry for the Bay” to develop and implement a forest management workshop for the agricultural community. The workshop will expose farmers to new forestry management practices funded under the Farm Bill. <i>Partners: NRCS; Forestry for the Bay; University of Maryland Extension; Soil Conservation Districts</i>	6/30/11	\$500

**Patuxent River Waterfowl – (iii)**

355	Provide oversight and management of a grant evaluating the impact of warm water discharge from the Chalk point power plant/other environmental factors on the increased diving duck population. <i>Partners: MDDNR; Mirant Mid-Atlantic; Jug Bay Wetlands Sanctuary; Versar, Inc.; Washington D.C. Audubon Society.</i>	6/30/11	\$112,970
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**GOAL VI: Utilize diverse tools to promote land use practices and best management practices that minimize soil erosion and sedimentation in our rural, suburban and urban communities.**

**OBJECTIVE A:** Educate the public through the promotion of at least 2 publications and at least 1 public service announcement on soil erosion/sedimentation control and the availability of resources, including financial support from local, state and federal entities by 2010 to ensure that our soil is kept out of the Chesapeake Bay.

	Project Measure and Partners	Completion Date	Est. Cost
356	<b>Erosion &amp; Sediment Control Regulations – (ii)</b> Sponsor 4 county public informational meetings on the new erosion and sediment control regulations. <i>Partners: Soil Conservation Districts, County Governments, Maryland Department of the Environment.</i>	6/30/11	\$400
356	<b>Erosion &amp; Sediment Control Regulations - (i)</b> Assist in the development, distribution of press releases and other informational material related to the new erosion & sediment control regulations. <i>Partners: Soil Conservation Districts, County Governments, Maryland Department of the Environment.</i>	6/30/11	\$400
357	<b>Living Shoreline Fact Sheet – (iii)</b> Develop a fact sheet/brochure to promote innovative living shoreline practices throughout the development area and on the RC&D website. <i>Partners: Soil Conservation Districts, Coastline Design, P.C., Eastern Shore RC&amp;D, NRCS</i>	12/31/10	\$300

**OBJECTIVE B:** Solicit legislative and financial support, including grants from local, state and federal agencies for conservation education, environmental restoration and enforcement of existing environmental regulations between 2009 and 2014.

	Project Measure and Partners	Completion Date	Est. Cost
320	<b>Mill Point Innovative Stormwater Management Design – (i)</b> Fund the design of an innovative stormwater management solution to community flooding and septic issues. <i>Partners: NRCS; Mill Point Community Association; St. Mary's SCD</i>	6/30/11	\$45,000
313	<b>Indian Head Shoreline Phase II – (iii)</b> Stabilize approximately 3,840 linear feet of severely eroding shoreline at Reaches IIIC and IIID. Stabilization efforts will include the use of living shoreline techniques and will result in the creation of approximately 10	5/24/11	\$4,807,856.37

acres of tidal wetland and thousands of tons of sediment kept out of the Chesapeake Bay.

*Partners: NAVFAC; Charles SCD; Coastline Design P.C.; EcoSystem Solutions, Inc.*

**Indian Head Shoreline Phase III – (iii)**

325	Stabilize approximately 8,650 linear feet of severely eroding shoreline at Reaches III, III and V. Stabilization efforts will include the use of living shoreline techniques and will result in the creation of approximately 20 acres of tidal wetland and thousands of tons of sediment kept out of the Chesapeake Bay. <i>Partners: NAVFAC; Charles SCD; Coastline Design P.C.</i>	5/30/12	\$10,000,000
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**Indian Head Fish Blockage Removal – (iii)**

341	Design and implement fish blockage removal and stream channel restoration at two locations at NSF Indian Head. <i>Partners: NAVFAC; Charles SCD</i>	3/30/11	\$68,900
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**CBD-NRL Bulkhead Renovation – (iii)**

358	Stabilize approximately 4,300 linear feet of severely eroding shoreline along the western shore of the Chesapeake Bay at the Naval Research Lab – Chesapeake Bay Detachment. Efforts will result in the preservation of wetlands and riparian buffers and the protection of the integrity of the cliffs and research facilities. <i>Partners: NAVFAC; Calvert SCD</i>	6/30/13	\$4,164,872.32
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**Theodolite Tracking Stations Shoreline Repair – (iii)**

319	Stabilize approximately 215 linear feet of severely eroding shoreline to protect Theodolite tracking stations and reduce sediment going into the Chesapeake Bay at Point No Point and Bay Forest Theodolite tracking stations, NAS Patuxent River. <i>Partners: NAVFAC; St. Mary's SCD; Coastline Design P.C.</i>	4/30/11	\$320,183.55
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**OBJECTIVE C:** Produce 1 web-based and 1 hard-copy publication that represents a compilation of existing land use practices and Best Management Practices that qualify as ‘smart’ and ‘green’ by 2012.

	Project Measure and Partners	Completion Date	Est. Cost
342	<p><b>Create Web-based Clearinghouse of Forage Practice Resources – (ii)</b> Create a website clearinghouse for all forage materials developed by Dr. Les Vough in his work for RC&amp;D over the past two years, as well as important related materials developed by the University of Maryland and state and federal agencies. The website will also include a calendar of upcoming RC&amp;D forage agronomy events to increase farmer participation. <i>Partners: NRCS; Soil Conservation Districts throughout Maryland; National Plant Materials Center</i></p>	12/31/11	\$1,000

**LAND MANAGEMENT**

**GOAL VII:** Help our county governments protect the Development Area’s unique agricultural heritage and natural character by presenting annually the most innovative development alternatives to partners, communities and agricultural operations.

**OBJECTIVE A:** Work closely with RC&D sponsors, partners and agricultural operations to prevent the conversion of agricultural land to other uses by ensuring at least 50 of our agricultural operations remain financially viable throughout the 4-county area by 2014.

	Project Measure and Partners	Completion Date	Est. Cost
	<b>Forage Agronomy Assistance for Maryland’s Farmers – (ii)</b> Provide professional forage agronomy assistance to Maryland’s agricultural community, including the facilitation of farm visits, outreach and technical assistance at professional meetings and conferences, and research support at the National Plant Materials Center. <i>Partners: NRC&amp;S; Dr. Les Vough; University of Maryland; National Plant Materials Center; Soil Conservation Districts throughout Maryland</i>		
326		9/30/11	\$55,000
	<b>Southern Maryland Foods, Limited – (iv)</b> Provide coordination and planning assistance for the development of Southern Maryland Foods, Limited to bring processed local livestock meat to market Southern Maryland. <i>Partners: Southern Maryland Foods, Limited; University of Maryland Extension; Tri-County Council of Southern Maryland</i>		
359		12/31/13	\$300,000
	<b>Millbrook Farm Grist Mill – (iii)</b> Assist the Millbrook Farm Grist Mill property owner with the acquisition and management of grant funding to restore the mill site for future generations and to showcase Southern Maryland’s agricultural heritage. <i>Partners: Property Owner, Charles County Planning and Growth Management; Society for the Preservation of Old Mills</i>		
347		12/31/12	\$400,000

**OBJECTIVE B:** Protect Southern Maryland’s natural context through native habitat restoration, invasive species treatment and park space protection/development efforts on at least 500 acres in all four counties between 2009 and 2014.

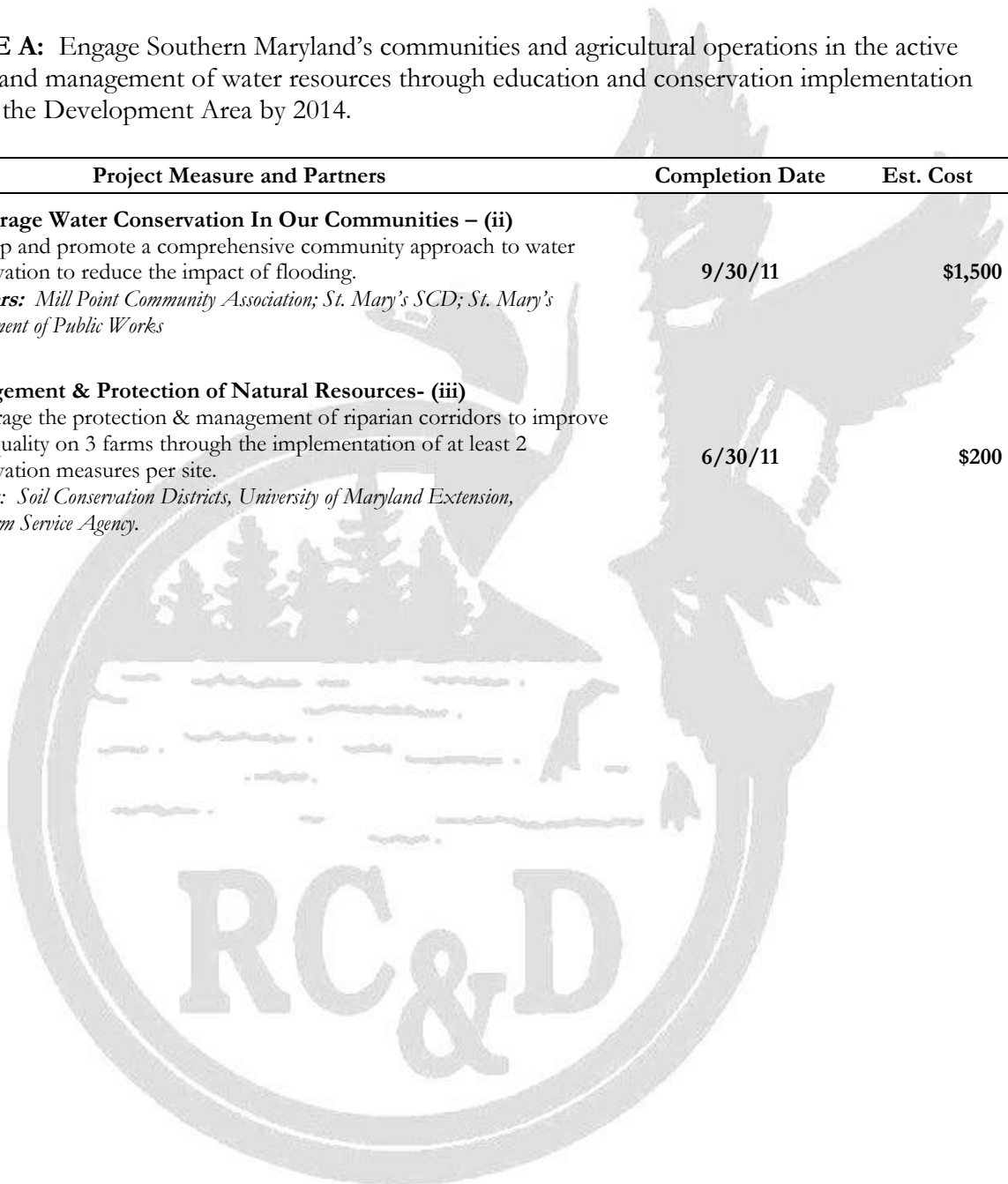
	Project Measure and Partners	Completion Date	Est. Cost
	<b>Indian Head Bald Eagle Monitoring 2010 – (i)</b> Partner with NAVFAC and the College of William and Mary to conduct bald eagle monitoring activities on NSF Indian Head bald eagle populations over three nesting seasons. <i>Partners: NAVFAC; College of William and Mary</i>		
346		12/31/10	\$96,828
	<b>Oxbow Scenic Overlook Construction – (iii)</b> Facilitate the construction of the trail and accessibility improvements at the scenic overlook project to allow a broader range of citizen enjoyment of the Oxbow Nature Preserve. <i>Partners: Russett Community Association; Anne Arundel Recreation and Parks; The Nature Conservancy; Maryland Department of the Environment</i>		
268		9/30/12	\$200,000
	<b>Southern Maryland Farmers &amp; Hunters Feeding the Hungry – (i)</b> Partner with Southern Maryland Farmers & Hunters Feeding the Hungry to find grant funding to increase the capacity of FHFH to provide high-protein, low-fat meals to under-served and under-represented populations of Southern Maryland. <i>Partners: Southern Maryland FHFH; Area food distributors, food banks and pantries</i>		
344		6/30/2012	\$35,000

## WATER MANAGEMENT

**GOAL VIII: Improve the Development Area’s literacy and capacity on water conservation through education and outreach throughout Southern Maryland between 2009 and 2014.**

**OBJECTIVE A:** Engage Southern Maryland’s communities and agricultural operations in the active conservation and management of water resources through education and conservation implementation on 13 sites in the Development Area by 2014.

Project Measure and Partners	Completion Date	Est. Cost
<p><b>332 Encourage Water Conservation In Our Communities – (ii)</b>                      Develop and promote a comprehensive community approach to water conservation to reduce the impact of flooding.  <i>Partners: Mill Point Community Association; St. Mary’s SCD; St. Mary’s Department of Public Works</i></p>	9/30/11	\$1,500
<p><b>360 Management &amp; Protection of Natural Resources- (iii)</b>                      Encourage the protection &amp; management of riparian corridors to improve water quality on 3 farms through the implementation of at least 2 conservation measures per site.  <i>Partners: Soil Conservation Districts, University of Maryland Extension, and Farm Service Agency.</i></p>	6/30/11	\$200



**REQUIRED SIGNATURES**

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**Southern Maryland Resource Conservation and Development Board, Inc.**

By: Patricia Pinnell  
Patricia Pinnell, Chair

Date: 8-2-10

By: Olga Walter  
Olga Walter, Secretary/Treasurer

Date: 8-2-10

**U.S. Department of Agriculture, Natural Resources Conservation Service**

By: Jon Hall  
Jon Hall, State Conservationist

Date: 8/12/2010

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## ADDITIONAL INFORMATION

### PROJECT PLANNING COMMITTEES

#### **NAVY PROJECTS**

Jim Bardsley, *Anne Arundel Forest Conservancy District Board*  
 Bill Clark, *Calvert Soil Conservation District*  
 Jennifer David, *Tri-County Council for Southern Maryland*  
 Luis Dieguez, *Charles County Soil Conservation District*  
 Pat Pinnell, *St. Mary's Forest Conservancy District Board*  
 Olga Walter, *Board Appointed Member*  
 Bruce Young, *St. Mary's County Commissioners*

#### **POTOMAC HERITAGE NATIONAL SCENIC TRAIL**

Jennifer David, *Tri-County Council for Southern Maryland*  
 John Downs, *Board Appointed Member*  
 Michael Pellegrino, *Charles County Commissioners*  
 Pat Pinnell, *St. Mary's Forest Conservancy District Board*

#### **EROSION & SEDIMENT CONTROL EDUCATION**

Bill Clark, *Calvert Soil Conservation District*  
 John Czajkowski, *Anne Arundel Soil Conservation District*  
 Luis Dieguez, *Charles County Soil Conservation District*  
 Bruce Young, *St. Mary's County Commissioners*

#### **MILLBROOK FARM GRIST MILL**

John Downs, *Board Appointed Member*  
 John Gray, *Calvert County Commissioners*

#### **POLICIES & PROCEDURES**

Jim Bardsley, *Anne Arundel Forest Conservancy District Board*  
 Jennifer David, *Tri-County Council for Southern Maryland*  
 Bruce Young, *St. Mary's County Commissioners*  
*(For HR/personnel matters include Chair – Pat Pinnell)*

### SPONSORED PROJECTS

#### **AFRICAN AMERICAN HERITAGE HOUSE**

Michael Pellegrino, *Charles County Commissioners*

#### **DRY FIRE HYDRANTS**

John Gray, *Calvert County Commissioners*

#### **FARMERS & HUNTERS FEEDING THE HUNGRY**

Tommy Wright, *Board Appointed Member*

#### **MARYLAND BIG TREE PROGRAM**

Jim Bardsley, *Anne Arundel County Forest Conservancy District Board*

#### **MILLPOINT STORMWATER MANAGEMENT**

Bruce Young, *St. Mary's Soil Conservation District*

#### **OXBOW SCENIC OVERLOOK**

Jim Bardsley, *Anne Arundel Forest Conservancy District Board*

#### **SOUTHERN MARYLAND FOODS, LTD.**

Olga Walter, *Board Appointed Member*

#### **TREE TALK PUBLICATION**

Jim Bardsley, *Anne Arundel Forest Conservancy District Board*

### ESTIMATED RC&D COORDINATOR TIME OBLIGATIONS

GOAL I, Objective A – 5%

GOAL I, Objective B – 0%

GOAL II, Objective A – 5%

GOAL II, Objective B – 4%

GOAL III, Objective A – 2%

GOAL III, Objective B – 3%

Goal IV, Objective A – 5%

GOAL V, Objective A – 2%

GOAL VI, Objective A – 7%

GOAL VI, Objective B – 6%

GOAL VI, Objective C – 2%

GOAL VII, Objective A – 6%

GOAL VII, Objective B – 4%

GOAL VIII, Objective A – 5%

NRCS Activities – 44%

### REVIEW SCHEDULE AND UPDATES

Southern Maryland Resource Conservation and Development Board, Inc. monitors and evaluates progress of the Annual Plan of Work on a continuing basis. Updates occur on a quarterly basis at official Board Meetings, as needed. The Annual Plan of Work and associated Operating Budget are evaluated and approved every year at the July Board Meeting.

The NRCS POINTS database is updated on a continuous basis, as project activities are completed. Progress/completion documentation is maintained in the appropriate project file, and when possible in the POINTS database.