

SOUTHERN MARYLAND RESOURCE CONSERVATION & DEVELOPMENT BOARD, INC.

ANNUAL PLAN OF WORK
JULY 1, 2009 – JUNE 30, 2010

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 8 volunteer fire departments in the Development Area to design and install 19 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
334 Design and Install Dry Hydrants in Calvert County – (iv) Partner with Calvert County volunteer fire department Drum Point Community to design and install two dry-hydrants. <i>Partners: Drum Point Property Owners Association; Calvert County Fire, Rescue and EMS Division; Calvert SCD</i>	9/30/09	\$1,000
335 Design and Install Dry Hydrants in St. Mary’s County – (vi) Partner with St. Mary’s County volunteer fire department and community member Michael Sirk to design and install two dry-hydrants. <i>Partners: Michael Sirk; St. Mary’s County EMS; St. Mary’s SCD</i>	6/30/10	\$1,000
336 Design and Install Dry Hydrants in Charles County – (vi) Partner with Charles County volunteer fire departments to design and install up to five dry-hydrants at Cobb Island. <i>Partners: Cobb Island VFD; Charles SCD</i>	6/30/10	\$3,000

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
No project activities planned for Fiscal Year 2010		

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
293	<p>Develop Potomac Heritage Trail Corridor in Southern Maryland – (i) 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></p>	6/30/13	\$250,000
327	<p>Assistance to the African American Heritage Society – (iv) 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></p>	6/30/10	\$15,000

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
293	<p>PHNST Century Rides and Promotion – (i) 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. <i>Partners: National Park Service; Oxon Hill Bicycle and Trail Club</i></p>	6/30/10	\$850
293	<p>PHNST Trail Signage – (i) 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: Oxon Hill Bicycle and Trail Club</i></p>	6/30/10	\$2,150
321	<p>Port Tobacco Archaeology – (iii) 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></p>	6/30/10	\$3,000
329	<p>Charles County History Day – (iii) 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></p>	3/31/10	\$100

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
	Develop Comprehensive List of Potential Partners – (i)		
337	Survey all present RC&D partners to develop a comprehensive list of conservation organizations and funding opportunities active in the RC&D Development Area. <i>Partners: all partnering organizations</i>	12/31/09	\$0

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
	Maryland’s Big Tree Program – (i)		
330	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>	6/30/10	\$15,000
	TreeTalk Publication – (i)		
292	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 appreciate for Maryland’s forests among young people. <i>Partners: Anne Arundel Forest Conservancy District Board</i>	12/31/10	\$5,000
	County Science Fairs - 2010 – (iii)		
333	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>	6/30/10	\$500

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
323	<p>Water Quality Testing – (iii) Work with St. Mary’s Cooperative Extension to bring water testing opportunities to resource based industries/agricultural enterprises. <i>Partners:</i> NRC&D; St. Mary’s Cooperative Extension</p>	12/31/09	\$10,400
338	<p>Poultry Injector Demonstration – (iv) Partner with NRC&D, Maryland Association of Soil Conservation Districts and the National Association of RC&D Councils to bring a poultry injector demonstration set to Maryland for display at the 2009 Maryland Association of Soil Conservation Districts Conference. <i>Partners:</i> NRC&D; MASCD; NARC&D</p>	8/31/09	\$5,000

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	<p>Forest Landowner Outreach – (i) 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:</i> NRC&D; Forestry for the Bay; Cooperative Extension; Soil Conservation Districts</p>	12/31/09	\$500
340	<p>Forestry Technical Service Provider Certification Workshop – (i) Work with NRC&D to develop and implement a workshop for facilitating the certification of forestry Technical Service Providers (TSP). The forestry TSPs will be qualified to develop EQIP funded forest management plans, making new properties eligible for a wide range of EQIP funded forest management activities. <i>Partners:</i> NRC&D; Maryland State Forest Service</p>	9/30/09	\$500

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
No project activities planned for Fiscal Year 2010		

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
<p>320 Mill Point Innovative Stormwater Management Design – (i) 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></p>	6/30/10	\$45,000
<p>311 Southdown Shores Community Association Shoreline – (i) Facilitate the ARRA funded design and construction of shoreline stabilization and intertidal restoration at the Southdown Shores community. <i>Partners: Southdown Shores Community Association; Chesapeake Bay Trust</i></p>	9/30/10	\$100,000
<p>313 Indian Head Shoreline Phase II – (iii) 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 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.; EcoSystem Solutions, Inc.</i></p>	4/26/10	\$4,791,056
<p>325 Indian Head Shoreline Phase III – (iii) 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></p>	2/02/11	\$10,000,000
<p>269 Pax River Shoreline Plan – (iii) Design shoreline restoration plan for approximately 13,500 linear feet of Chesapeake Bay shoreline at Patuxent River Naval Air Station. <i>Partners: NAVFAC; St. Mary's SCD; Coastline Design, P.C.</i></p>	8/31/09	\$80,000

341	<p>Indian Head Fish Blockage Removal – (iii) Design and implement fish blockage removal and stream channel restoration at NSF Indian Head. <i>Partners: NAVFAC; Charles SCD</i></p>	6/30/10	\$68,900
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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>Create Web-based Clearinghouse of Forage Practice Resources – (ii) Create a website clearinghouse for all forage materials developed by Dr. Les Vough in his work for RC&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&D forage agronomy events to increase farmer participation. <i>Partners: NRCS; Soil Conservation Districts throughout Maryland; National Plant Materials Center</i></p>	12/31/09	\$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
326	<p>Forage Agronomy Assistance for Maryland’s Farmers – (ii) 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: NRCS; Dr. Les Vough; University of Maryland; National Plant Materials Center; Soil Conservation Districts throughout Maryland</i></p>	9/30/10	\$55,000

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
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322	<p>Indian Head Bald Eagle Monitoring – (i) 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></p>	11/30/09	\$80,978
268	<p>Oxbow Scenic Overlook Design – (iii) Facilitate the design of 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></p>	9/30/09	\$15,000

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
332	<p>Encourage Water Conservation In Our Communities – (ii) 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>	6/30/10	\$1,500

REQUIRED SIGNATURES

Southern Maryland Resource Conservation and Development Board, Inc.

By: _____
Patricia Pinnell, Chair

Date: _____

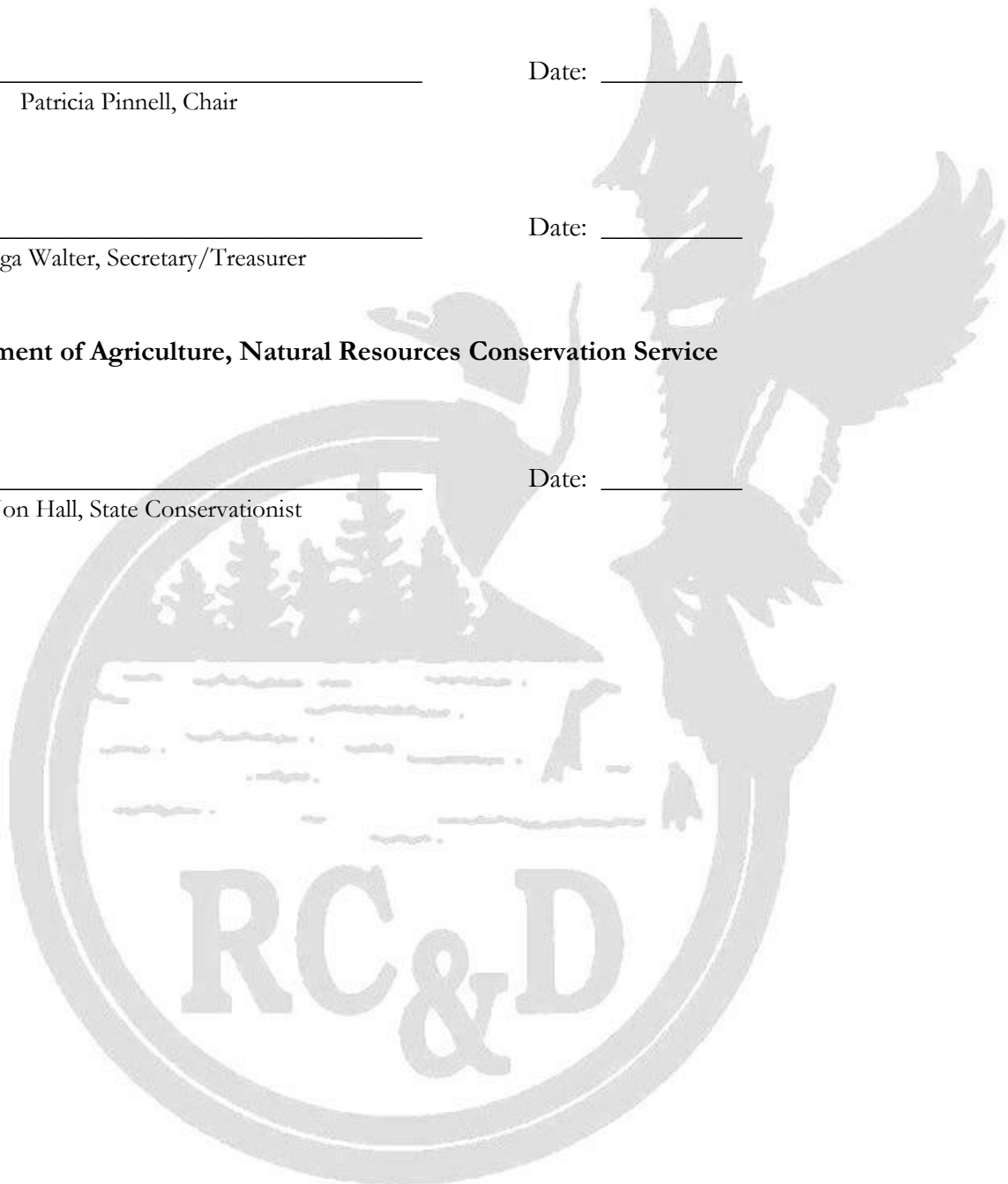
By: _____
Olga Walter, Secretary/Treasurer

Date: _____

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

By: _____
Jon Hall, State Conservationist

Date: _____



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ADDITIONAL INFORMATION

PROJECT PLANNING COMMITTEES and PARTICIPATING COUNCIL MEMBERS

AGRICULTURE AND NATURAL RESOURCES

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

TOURISM AND HISTORIC PRESERVATION

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*

NAVY PROJECTS

This committee is proposed only and has not yet been established by the Board of Directors.

COMMUNITY DEVELOPMENT

Jennifer David, *Tri-County Council for Southern Maryland*
 John Downs, *Board Appointed Member*
 Michael Pellegrino, *Charles County Commissioners*

ENVIRONMENTAL EDUCATION

Jim Bardsley, *Anne Arundel Forest Conservancy District Board*
 Bill Clark, *Calvert Soil Conservation District*
 Olga Walter, *Board Appointed Member*
 Bruce Young, *St. Mary's County Commissioners*

ESTIMATED RC&D COORDINATOR TIME OBLIGATIONS

GOAL I, Objective A – 5%
 GOAL I, Objective B – 0%
 GOAL II, Objective A – 6%
 GOAL II, Objective B – 5%
 GOAL III, Objective A – 2%
 GOAL III, Objective B – 2%
 Goal IV, Objective A – 5%

GOAL V, Objective A – 2%
 GOAL VI, Objective A – 2%
 GOAL VI, Objective B – 15%
 GOAL VI, Objective C – 2%
 GOAL VII, Objective A – 6%
 GOAL VII, Objective B – 1%
 GOAL VIII, Objective A – 5%

NRCS Activities – 42%

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.