

SOUTHERN MARYLAND RESOURCE CONSERVATION & DEVELOPMENT BOARD, INC.

ANNUAL PLAN OF WORK
JULY 1, 2011 – JUNE 30, 2012

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
<p>Design and Install Dry Hydrants in Charles County – (vi) 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&D</i></p>	6/30/12	\$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
<p>Assistance to Volunteer Fire Departments – (ii) 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></p>	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
<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
<p>Indian Head Trail Town Initiative – (ii) 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></p>	6/30/14	\$100,000
<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>	6/30/12	\$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
<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. If no funding is needed for signage, rides will benefit selected charity. <i>Partners: National Park Service; Oxon Hill Bicycle and Trail Club</i></p>	6/30/12	\$850
<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: National Park Service; Oxon Hill Bicycle and Trail Club</i></p>	6/30/12	\$2,150
<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>	6/30/12	\$3,000

Charles County History Day – (iii)

Support History Day in Charles County as students develop historic themes in the exploration of their county's history.

3/31/12

\$50

Partners: Charles County Board of Education

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 2012

Project Measure and Partners	Completion Date	Est. Cost
No project activities planned for Fiscal Year 2012		

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 2012.

Project Measure and Partners	Completion Date	Est. Cost
<p>Maryland's Big Tree Program – (ii) 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></p>	6/30/12	\$15,000
<p>TreeTalk Publication – (i) 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></p>	12/31/12	\$5,000
<p>County Science Fairs - 2012 – (iii) 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></p>	6/30/12	\$500

National RC&D Week 2011 – (iii)

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.

4/30/12

\$270

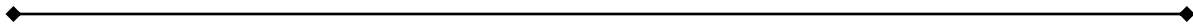
Partners: Charles, St. Mary's, Calvert, & Anne Arundel County Schools, Environmental Clubs, after-school organizations

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 2012.

Project Measure and Partners	Completion Date	Est. Cost
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No project activities planned for Fiscal Year 2012



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
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Patuxent River Waterfowl – (iii)

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.

06/30/12

\$102,700

Partners: MDDNR; Mirant Mid-Atlantic; Jug Bay Wetlands Sanctuary; Versar, Inc.; Washington D.C. Audubon Society.

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 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>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>	6/30/12	\$45,000
<p>Indian Head Shoreline Phase II – (iii) Ecosystems Solutions, Inc. is monitoring impacts of constructed breakwaters and sills on fish aquatic vegetation. Beach plantings by National Aquarium. <i>Partners: NAVFAC; Charles SCD; EcoSystem Solutions, Inc.</i></p>	3/31/12	\$628,538
<p>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>	5/30/13	\$10,000,000
<p>Indian Head Fish Blockage Removal – (iii) Design and implement fish blockage removal and stream channel restoration at two locations at NSF Indian Head. <i>Partners: NAVFAC; Charles SCD</i></p>	11/30/11	\$68,900
<p>CBD-NRL Bulkhead Renovation – (iii) 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></p>	3/10/13	\$3,818,460
<p>Solomons Dredge Beach Creation & Shoreline Repair Project Creation of 800 feet of living shoreline in front of an existing cliff. <i>Partners: NAVFAC; Calvert SCD</i></p>	6/30/13	\$1,300,000

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
<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>	9/30/11	\$55,000
<p>Millbrook Farm Grist Mill – (iii) 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></p>	12/31/15	\$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
<p>Oxbow Scenic Overlook Construction – (iii) 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></p>	9/30/12	\$200,000
<p>Southern Maryland Farmers & Hunters Feeding the Hungry – (i) 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; Community Foundation of Charles County; Area food distributors, food banks and pantries</i></p>	6/30/2012	\$5,400
<p>Chancellor's Point Road Repair (iii) Assist in project management to provide road repair that will improve access to Chancellor's Point in St. Mary's County, Maryland. St. Mary's SCD will provide site survey, design, preparation of specifications and management of a pre-qualified bid process. <i>Partners: St. Mary's College; Historic St. Mary's City; St. Mary's SCD</i></p>	6/30/12	\$22,000

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
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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*

MINI GRANT PROGRAM

John Gray, *Calvert County Commissioners*
 Mike Pellegrino, *Charles County Commissioners*
 Olga Walter, *Board Appointed Member*
 Tommy Wright, *Board Appointed Member*

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.