

Southern Maryland Resource Conservation and Development, Inc.



2014 Annual Report

PARTNERSHIPS

For many years, Southern Maryland RC&D has been working with organizations on numerous projects. We have partnered with the local Soil Conservation Districts, County Governments, local Volunteer Fire Departments, Patuxent Tidewater Land Trust, Department of the Navy, Natural Resource Conservation Service and many others. We look forward to working with these organizations and many more in the future.



Mission Statement

Working in partnership with community groups and organizations, Southern Maryland Resource Conservation and Development, Inc. is dedicated to improving quality of life in the region by enabling the people and promoting the wise use of our natural and economic resources.



July 2015

Dear Friend of RC&D:

It is my pleasure to present the 2014 Southern Maryland RC&D Annual Report.

Over the years RC&D has maintained respectable partnerships with various organizations in the Southern Maryland area and beyond. We hope to continue in the coming years with current and new partnerships. Please let us know if you would like to become an RC&D board member or if you have or know of any projects RC&D can assist with.



Sincerely,

*Patricia Pinnell, Chair
Southern Maryland RC&D*

NEWS

SOUTHERN MARYLAND RC&D ACTIVITIES

Ag Center Open House

On October 14th an Open House was held at the St. Mary's Agricultural Center. Organizations within the Ag Center set up display boards showcasing their work. St. Mary's County Commissioners Jack Russell and Todd Morgan were in attendance as well as Senator Roy Dyson and others.



Southern MD RC&D Partners with Maryland Forestry Board Foundation, Inc.

Southern Maryland RC&D and the Maryland Forestry Board Foundation has partnered to make available two scholarships for full or part time Maryland resident students. A couple of requirements for the \$500 scholarships is to maintain an undergraduate GPA of 2.5 or at least a graduate level GPA of 3.0, and be a U.S. Citizen. One award is restricted to students residing in Southern Maryland the other is for any Maryland resident.

For more information see

<http://marylandforestryboards.org/mfbf.cfm>.



Patuxent Tidewater Land Trust

The [Patuxent Tidewater Land Trust](#) (PTLT) is dedicated to the preservation of southern Maryland's agricultural, forested and open space land in the five tidal counties of the Patuxent River watershed (Prince George's, Anne Arundel, Calvert, Charles and St Mary's). It's mission is to sustain the region's biodiversity and water resources through a network of protected landscapes; to advance the stewardship of forest and farm lands as vital local and regional economies; to preserve the region's unique historic and scenic character for resident's sense of place, visitor's enjoyment, and prospective newcomer's attraction; and to guide the pattern of future growth. PTLT acquires (by purchase or donation) land and conservation easements. Land trusts are committed to the protection of land in perpetuity. Every site and every situation is unique. The Trust works with landowners, communities and funders to address needs and circumstances of the present while also seeking to protect the interests of future generations. The Southern Maryland RC&D has entered into a one year agreement with Patuxent Tidewater Land Trust to provide staffing to them that will allow for the performance of administrative services necessary for the management of the Rural Legacy Program in St. Mary's County Maryland.

2014 Soil Health Workshop

Southern Maryland RC&D held a Soil Health Workshop at the Ag Service Center in Leonardtown, MD. USDA NRCS National Soil Health & Sustainability Leader David Lamm provided the latest information on using plant diversity, keeping soil covered and understanding how surface vegetation affects soil function. NRCS MD Assistant State Soil Scientist Dean Cowherd and NRCS MD Resource Conservationist Susan Davis used an excavated soil pit to demonstrate what occurs in a typical Southern Maryland soil that affects moisture and nutrient transport, plant growth and crop production. Over 50 participants were in attendance. Click link to see more [photos](#).



Dry Fire Hydrant

RC&D assisted the Prince Frederick Fire Department (below) in installing a Dry Fire Hydrant on Falls Pointe Way in Huntingtown, MD. Volunteers from the Calvert County Dive and Rescue Team also assisted along with staff from Calvert Soil Conservation District Board.



Southern MD RC&D also assisted the Hughesville VFD (above) in replacing a 20 year old non-functioning Dry Hydrant at Hughesville Pond. The RC&D worked with Leonard Collins and Brice Austin to replace the hydrant head and intake strainer. The new system was test operated by the Hughesville VFD and found to be in good working order in December 2014.

SOUTHERN MARYLAND RC&D ACTIVITIES

US Navy Remains Important Partner for RC&D in 2014

The following is a summary of the Navy projects in which RC&D is involved:

COMPLETED in 2014

Phase III Shoreline Stabilization at Indian Head – Construction of the third phase of shoreline stabilization began in 2011. This phase of the implementation of the ongoing Shoreline Management Plan included the stabilization of approximately 7,980 feet of Potomac River shoreline. Two areas of this shoreline stabilization work had bank heights in excess of 70 feet high that had been rapidly eroding. RC&D partnered with the Charles Soil Conservation District to accomplish this effort. The District is provided project management and inspection and construction supervision. Design work for this phase was provided by Coastline Design, P.C. of Achilles, Virginia. The shoreline construction was completed in August, and RC&D partnered with the National Aquarium to perform the planting of stabilized areas with native vegetation. Approximately 45,900 wetland plants and 2000 trees and shrubs have been planted using volunteers under the supervision of the Aquarium's highly trained staff. All work for the project was completed in October 2014.

Point Lookout Theodolite Tracking Station Shoreline Protection—The Navy had requested that the RC&D provide the design work and acquire the necessary permitting to repair the 300 linear feet of deteriorated revetment that protects the Tracking Station on an exposed site of the Chesapeake Bay. The Design was completed in 2013 through a contract with Coastline Design, PC. Construction of the revetment repair was completed in December 2014. RC&D had partnered with St. Mary's SCD to supervise the construction.

Phase IV-B Shoreline Stabilization at Indian Head – RC&D had entered into a contract with Coastline Design, PC to prepare the design work needed to construct an additional 6,255 linear feet of living shoreline along the Potomac River and Mattawoman Creek on the Naval Support Facility at Indian Head. With completion of this Cooperative Agreement, RC&D has provided the Navy with construction ready final designs and cost estimates for all areas on Indian Head that currently have active Maryland Department of Environment and US Army Corps of Engineers wetland permit approval. All permitting was secured and the completed design was accepted by the Navy in March 2014.

NEW in 2014:

NRL Slope Stabilization

RC&D will partner with Calvert SCD to perform slope stabilization on 782 linear feet of cliff face at the Naval Research Lab - Chesapeake Bay Detachment. The design was prepared by others and the District will provide project management to construct the slope repair as designed. The project will utilize soil nails to stabilize a 100 feet high cliff face that is actively eroding.

NRL Pond Repair

RC&D will partner with Calvert SCD to provide project design and construction supervision to repair a stormwater pond at NRL. The District will develop a design to repair the dam and replace approximately 100 feet of failed principal spillway pipe and riser, select a local construction contractor through a competitive bid process, and supervise the construction.

SOUTHERN MARYLAND RC&D ACTIVITIES

ONGOING into 2015:

Hog Point Shoreline Repair – The Naval Air Station Patuxent River has asked RC&D to provide construction ready design and acquire all necessary state and federal permitting to repair 3,700 linear feet of rapidly eroding shoreline on the Patuxent River west of Hog Point. This area of the station is experiencing rapid erosion of the sand beach and this erosion is threatening to breach the fastland that separates the Patuxent River and Pearson Creek. RC&D entered into a Cooperative Agreement with the Navy in September of 2013. Coastline Design, PC and St. Mary's SCD have been contracted by RC&D to provide the design and to assist with the procurement of permits.

Pond 3/Holton Pond Naval Air Station Patuxent River – Pond 3 is the largest pond on the Naval Air Station and it has a very large drainage area contributing stream flow to it. The dam is more than 40 years old and 3 years ago, the original pipes that served as the principal spillway failed and had to be removed. RC&D had provided a reconstruction design plan to the Navy previously, and in 2013, the Navy acquired funding to reconstruct the dam. RC&D entered into a Cooperative Agreement with the Navy to remove the old embankment and reconstruct it to current standards and specifications. RC&D has contracted with St. Mary's SCD to provide project management and construction supervision of the repair effort.

Stream Restoration and Habitat Improvement, Naval Support Facility Indian Head—The RC&D has entered into a Cooperative Agreement with the Navy to remove a collapsed culvert and 1000 cubic yards of fill material from a small stream and to restore the area to natural conditions. As part of the same agreement, we will also create a wooded shallow water area for wildlife at a separate site. We have partnered with Charles SCD to prepare the design work, secure necessary permitting and supervise the construction.

Solomon's Recreation Center Shoreline Stabilization— RC&D has contracted with the Calvert SCD to prepare design work, acquire necessary permitting, and supervise construction on approximately 1600 linear feet of eroding shoreline at the Navy Recreation Center at Solomon's. An 800 feet section of severely eroding cliff face was stabilized this past year by creating a living shoreline using dredge materials from an adjacent cove on the Recreation Center. The District prepared the design, selected a construction contractor through a competitive bid process, and provided project management for the construction. The District is now working with the permitting agencies, MDE and the Army Corps of Engineers, to gain acceptance of the design they prepared for an additional 800 plus feet of rock revetment. That work is expected to be completed in 2015.

HIGHLIGHTS

2014: A YEAR IN REVIEW

Other Activities with Southern Maryland Schools

Science Fairs

Each year RC&D staff and Board Members participate as judges in local county Science Fairs. The selected winners from this year's fairs are below.

St. Mary's County Winners

Chair Pat Pinnell and husband Bill Pinnell judged the St. Mary's County Science Fair and chose the following students to receive awards from Southern MD RC&D:

Senior First Place—Rebecca Wolf—Solar & Wind: The Perfect Combination

Junior First Place—Michael Wilson—Under the Sea

Calvert County Winners

At the Calvert County Science Fair the following students to receive awards from Southern MD RC&D were:

Senior First Place—Paul Kenney—From Waste to Watts: Using a Microbial Fuel Cell to Harness the Power of Bacterial Reactions

Junior First Place—Catherin Bubser—Alternative Energy: Manure or Compost

Anne Arundel County Winners

Board Members John Czajkowski & Jill Lee volunteered to judge for RC&D at the Anne Arundel County Science Fair and chose the following students to receive awards from Southern MD RC&D:

Senior First Place—Corinne Whisman—Degradation Rate of paper made from various weeds

Junior First Place—Katheryne Lochart—Don't let Phosphorus be Prosperous!

(Science Fair continued)

Charles County Winners

Office Associate Denitra Brawner and Gary Jackson judged the Charles County Science Fair and chose the following students to receive awards from Southern MD RC&D:

Senior First Place—Denver Bennett—Battle of the Leaves

Junior First Place—Mya Rivenburg—Deforestation vs. Respiratory Illnesses



RC&D has a Facebook Page!

RC&D has created a Facebook account. Click [here](#) to visit our page.

Open RC&D Board Positions

Southern Maryland RC&D is currently searching for Board Members to serve our communities. There are a total of four open positions, with representatives needed for the Charles Forest Conservancy District Board, Charles County Student, County of Anne Arundel, and Anne Arundel County Student. Additional Board Appointee positions are also open. Board Members serve for a period of three years and student members serve for two years and both have numerous opportunities to develop both professionally and personally, working with a talented group of professionals from Southern Maryland's four-county area. For more information, please contact the RC&D office at (301) 475-8427 X 6.

Congratulations to all our winners!

SOUTHERN MARYLAND RC&D BOARD

Board of Directors

The Southern Maryland RC&D is composed entirely of volunteers from the communities we serve. There are currently 15 Board Members serving Southern Maryland RC&D's four-county area. If you are interested in finding out how you can serve on Southern Maryland RC&D's Board of Directors, please contact us at (301) 475-8427 X 6.

SPONSOR REPRESENTED	MEMBER
Calvert Forest Conservancy District Board.....	Jill Lee
St. Mary's Forest Conservancy District Board.....	Patricia Pinnell
Charles Forest Conservancy District Board.....	Vacant
Anne Arundel Forest Conservancy District Board.....	James Bardsley
Calvert Soil Conservation District.....	William A. Clark
St. Mary's Soil Conservation District.....	Donnie Ocker
Charles Soil Conservation District.....	Luis Dieguez
Anne Arundel Soil Conservation District.....	John Czajkowski
Tri-County Council.....	Jennifer David
County of Anne Arundel.....	Vacant
Calvert County Commissioners.....	Steve Weems
St. Mary's County Commissioners.....	Bruce Young
Charles County Commissioners.....	Michael Pellegrino
Calvert Student Representative.....	Josh Crocker
Charles Student Representative.....	Vacant
St. Mary's Student Representative.....	Charlie Sasscer
Anne Arundel Student Representative.....	Vacant

RC&D BOARD APPOINTED

Tommy Wright

Olga Walter

EXECUTIVE BOARD (2013-2015)

Chair - Patricia Pinnell
Vice Chair – John Czajkowski
Secretary/Treasurer - Bruce Young
Member - Tommy Wright (St. Mary's)
Member – Jennifer David (Charles)
Member – William A. Clark (Calvert)
Member – James Bardsley (Anne Arundel)

RC&D Staff

Office Associate—Denitra Brawner
Executive Director—Al Stewart

SOUTHERN MARYLAND RC&D PARTNERSHIPS

PARTNERS

Acknowledgements

The Southern Maryland RC&D Board extends sincere appreciation to the following individuals, groups, agencies and organizations for their assistance and support in carrying out projects and activities. Partnerships are the key to accomplishing projects and the successful operation of the RC&D program in Southern Maryland.

Anne Arundel County –

- Board of Education
- Fire and Rescue
- Forestry Board
- Office of the County Executive
- Soil Conservation District

Calvert County –

- Board of Education
- Commissioners
- Fire and Rescue
- Forestry Board
- Soil Conservation District

Charles County –

- Board of Education
- Commissioners
- Forestry Board
- Soil Conservation District

Coastline Design, P.C.

Community Foundation of Southern Maryland

Dept. of the Interior National Parks Service

Federal Legislators –

- Representative Steny H. Hoyer
- Representative John P. Sarbanes
- Representative C.A. Dutch Ruppersberger, III
- Senator Benjamin L. Cardin
- Senator Barbara Mikulski

Maryland Association of Soil Conservation Districts

Maryland Dept. of Natural Resources Forestry Services

Maryland Eastern Shore RC&D Council

Maryland Forest Association

Maryland Governor Martin O'Malley

Maryland Historical Trust

Mid-Atlantic RC&D Association

National Aquarium in Baltimore

National Association of RC&D Councils

National Fish and Wildlife Foundation

National Park Service

Patuxent Tidewater Land Trust

Potomac Heritage Trail Partners

Southern Maryland Chapter—Farmers and Hunters Feeding the Hungry (FHFH)

St. Mary's County –

- Board of Education
- Commissioners
- Fire and Rescue
- Forestry Board
- Soil Conservation District

State Delegates –

- Benjamin Barnes
- Pamela G. Beidle
- John Bohanan, Jr.
- Michael E. Busch
- Robert A. Costa
- Mark Fisher
- Barbara Frush
- Ronald A. George
- Sally Y. Jameson
- Nicholaus R. Kipke
- Mary Ann Love
- Tony McConkey
- Herbert McMillan
- Peter Murphy
- Anthony J. O'Donnell
- Joseline Pena-Melnyk
- James E. Proctor, Jr.
- Steven Schuh
- Theodore J. Sophocleus
- Joseph F. Vallario, Jr.
- Cathleen Vitale
- C.T. Wilson
- John F. Wood, Jr.

State Senate

- John C. Astle
- James E. DeGrange, Sr.
- Roy P. Dyson
- Thomas "Mac" Middleton
- Thomas V. Mike Miller, Jr.
- James Rosapepe
- Bryan W. Simonaire

Tri-County Council

University of Maryland Extension

USDA Natural Resources Conservation Service

USDA Farm Service Agency

USDA Forest Service

USDA Rural Development

US Department of the Navy

Patuxent River Naval Air Station

Naval Support Facility Indian Head

Naval Research Lab Chesapeake Bay Detachment

US Naval Academy

Naval District Washington, Solomons

Webster Field Annex, Pax River

Volunteer Fire Departments and Dive Teams

Western Maryland RC&D Council

Southern Maryland RC&D Board, Inc.

Statements of Financial Position June 30, 2014 and 2013

	<u>2014</u>	<u>2013</u>
Assets		
Cash and cash equivalents	\$ 381,118	\$ 496,617
Certificates of deposit	-	92,388
Grants receivable	102,293	71,241
Prepaid expenses	2,787	2,560
Property and equipment, net	6,034	9,008
	<u> </u>	<u> </u>
Total assets	<u>\$ 492,232</u>	<u>\$ 671,814</u>
Liabilities and Net Assets		
Liabilities		
Accounts payable and accrued expenses	\$ 52,316	\$ 9,097
Refundable advances	379,670	418,760
Due to other organizations and governments	12,583	45,852
	<u> </u>	<u> </u>
Total liabilities	<u>444,569</u>	<u>473,709</u>
Net Assets		
Unrestricted	43,148	193,375
Temporarily restricted	4,515	4,730
	<u> </u>	<u> </u>
Total net assets	<u>47,663</u>	<u>198,105</u>
Total liabilities and net assets	<u>\$ 492,232</u>	<u>\$ 671,814</u>

Southern Maryland RC&D Board, Inc.

Statement of Activities
For the Year Ended June 30, 2014

	Unrestricted	Temporarily Restricted	Total
Revenue and Support			
Federal grants	\$ 405,249	\$ -	\$ 405,249
Administrative fees	23,240	-	23,240
Conference and other income	4,203	-	4,203
Interest income	1,434	-	1,434
Released from restrictions	215	(215)	-
	434,341	(215)	434,126
Expenses			
Program services	519,453	-	519,453
General and administrative	65,115	-	65,115
	584,568	-	584,568
Change in Net Assets	(150,227)	(215)	(150,442)
Net Assets, beginning of year	193,375	4,730	198,105
Net Assets, end of year	\$ 43,148	\$ 4,515	\$ 47,663



For more information about
Southern Maryland RC&D,
please visit our website.

www.somdrcd.org

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MAKING THINGS HAPPEN
2014
ANNUAL REPORT
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Donate Now Online! Southern Maryland RC&D can now receive your tax-deductible donations online securely and easily. If you've been considering making your charitable donation to Southern Maryland RC&D, but just haven't had the time to print and mail the donation form, please take advantage of this fast, safe, and easy method of payment online. Or, for those who prefer traditional mail or would like to make an anonymous donation, the printable donation form is still available online at www.somdrcd.org or by contacting our office at (301) 475-8427 X 6.