ANNE ARUNDEL SOIL CONSERVATION DISTRICT
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OUR MISSION

In agriculture, the District emphasizes the importance of soil conservation and water quality, striving to have voluntary soil and water conservation plans for all working farms. In the area of urban development, the AASCD reviews all sediment and erosion control plans for pending construction projects in Anne Arundel County to ensure that developers take the necessary steps to manage runoff during construction to control soil erosion.
Message from the District Manager

In 2000, Maryland, Virginia, Pennsylvania, the District of Columbia, EPA and the Chesapeake Bay Commission signed an agreement to work towards a healthier Chesapeake Bay through water quality standards that support aquatic living resources and protect human health. The Environmental Protection Agency (EPA) set limits, called Total Maximum Daily Loads (TMDLs), that say how much sediment and nutrients can enter the bay. Cap loads are based on EPA’s proposed dissolved oxygen water quality criteria. By their calculation, we collectively need to reduce the nitrogen load by 175 million pounds per year, reduce phosphorous load by 12.8 million pounds per year and reduce sediment to 4.15 million tons of per year in order to eliminate excessive algal blooms and summer no-oxygen conditions. In 2007, the EPA found that no significant progress had been made to reduce the amount of nutrients entering the Bay. In 2009, the Chesapeake Executive Council set two-year milestone goals to reduce pollution entering the Bay with the intent of restoring water quality in the Bay by 2025. Jurisdictions had to develop Watershed Implementation Plans (WIPs). EPA worked with jurisdictions to develop “what if” scenarios using combinations of practices and programs to achieve their pollution allocations. In 2010 EPA outlined the states’ draft TMDL nitrogen and phosphorous allocations. All pollution control measures are required to be in place by 2025 with 60% of the practices were to be in place by 2017. And in December of 2010, the Chesapeake Bay TMDLs were determined by Watershed Implementation Plans (WIPs) submitted by Delaware, Maryland, New York, Pennsylvania, Virginia, West Virginia and the District of Columbia.

This summer, the Maryland Department of Agriculture (MDA) visited every Soil Conservation District in the state to evaluate the progress each District has made in this effort. Maryland is entering WIP III, which is the third and final phase of the Watershed Implementation Plan. All Soil Conservation Districts are working with agriculture landowners to meet their individual county TMDL goals. The Districts work with agricultural landowners to reduce the amount of nutrients and sediment entering the bay, while the county governments work to reduce pollutants on the urban side by upgrading waste treatment facilities, septic systems and reducing storm water runoff. **Anne Arundel county set goals to reduce farmland phosphorous by 10,128 pounds and nitrogen by 185,986 pounds by 2025.** This goal will be reached through collaboration from the District and landowners who voluntarily sign up for a Soil Conservation and Water Quality Plan (Farm Plan) and choose to install Best Management Practices on their property. These plans are good for ten years and help us document progress being made towards our goal and take credit for the hard work agricultural landowners are doing.

John Czajkowski

AASCD District Manager
Our Funding Sources

AASCD is one of 23 soil conservation districts in Maryland. Each district functions independently under a local Board of Supervisors. This ensures that local natural resource issues are addressed. Although AASCD occupies the same boundaries as Anne Arundel County, we are not part of the local county government. Our staff and operating budgets are funded through a combination of federal, state and local assistance.

AASCD Funding by Source:

County: $533,196
Ches. Bay Trust Fund: $68,400
MDA Grant: $6,513
Interest: $4,348
MASCD Grant: $2,310
Fees for Services: $50,470

Total Funding: $665,237

To carry out our mission, we work with a number of local, state and federal agencies including county government offices, the Maryland Department of Agriculture, Environment and Natural Resources, the USDA Natural Resources Conservation Service and Farm Service Agency, the University of Maryland Cooperative Extension, US Fish and Wildlife Service, US Army Corps of Engineers and state and federal legislators.

OUR PARTNER AGENCIES:
Message from the Board of Supervisors Chair

It has been an honor to serve as Chairman of this Anne Arundel Soil Conservation Board of Supervisors. This first year has brought many new experiences and many opportunities for me to engage with our Cooperators. The focus of our efforts has been to better understand how to elevate awareness of our District’s mission and educate the greater community on the resources that AASCD offers and the people we serve.

Additionally we are moving into Phase III of The Watershed Implementation Plans (WIPIII) and it is not without its challenges. This year has brought a series of problematic weather events in the Mid Atlantic area that have greatly affected Anne Arundel County, a larger portion of our effort has been understanding the leadership role we have and what best practices we can implement to adapt to the onslaught of stormwater. Locally, rainfall has exceeded 50” for the year. This September was the fifth wettest September in the county’s history. AASCD can’t control the weather – but we can help minimize soil erosion. And that is what our staff does, working on both the agriculture and urban sides to protect our county’s natural resources.

The AASCD Board of Supervisors meets on the third Wednesday of each month, from 8:00 a.m. to 10:30 a.m. You are invited to join us at these meetings where we review Farm Plans and hear reports from our urban and rural staff. We also have regular reports from the Maryland Department of Agriculture, Natural Resource Conservation Service, University of Maryland Extension, Anne Arundel County Agricultural Development Specialists, and our Public Relations consultant.

Brian Riddle
Chair, AASCD Board of Supervisors

AASCD BOARD OF SUPERVISORS

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Dave Myers, Secretary
Vaugh Foxwell, Treasurer

John Colhoun, Member
Gary Palmer, Member
Mike Superczynski, Associate Supervisor

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The Chesapeake Bay Watershed Implementation Plan establishes limits on the amount of nutrients and sediments that can enter the Bay and is mandated by the U.S. EPA. Pollution thresholds, called the Total Maximum Daily Load (TMDL), represents the maximum amount of pollution that the Bay can accept and still meet water quality standards. The six Bay states and the District of Columbia are required to follow approved WIPs outlining specific actions and strategies they will take to achieve these pollution limits by 2025. Maryland has begun WIP Phase III to set in place limits that will achieve the 2025 goals.
## Agriculture Division

The Anne Arundel Soil Conservation District’s Agricultural Services Division provides information and guidance to agricultural landowners in order to protect soil and water resources.

**Did you know?** Your conservation plan expires every 10 years -- find out if it's time to renew your contract or update your plan.

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<td><strong>NEW ACRES IN 2017</strong></td>
<td><strong>TOTAL ACRES AS OF 2016</strong></td>
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<td>In 2017, the AASCD prepared 24 new Conservation Plans on 1,351.2 acres across the county.</td>
<td>As of 2017, the AASCD has a total of 466 active Conservation Plans which cover 31,417 acres of land across the county.</td>
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<td><strong>BMPs INSTALLED</strong></td>
<td><strong>FARMS ENROLLED IN COVER CROP PROGRAM</strong></td>
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<td>In 2017, the AASCD installed 71 Best Management Practices (BMPs).</td>
<td>AASCD had 27 Cooperators enroll in the Maryland Department of Agriculture Cover Crop Program in 2017.</td>
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<td><strong>FARMS FSCAP CERTIFIED</strong></td>
<td><strong>COST-SHARE PROGRAM FUNDING</strong></td>
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<td>Nine AASCD Cooperators have been certified through the Farm Stewardship Certification and Assessment Program (FSCAP).</td>
<td>More than $350,000 was invested on Anne Arundel county farms through state and federal cost share programs to increase soil and water health.</td>
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Urban Division

The AASCD’s Urban Division plays a vital role in the conservation of soils and in improving water quality by reviewing and approving sediment and erosion control plans for construction activity throughout Anne Arundel County and the City of Annapolis.

URBAN DIVISION BY THE NUMBERS
(JUL ‘17 - JUN ‘18)

- Total Submitted Plans: 2,122
- Sediment & Erosion Control: 1,161
- Mining Plans: 8
- Other: 953
- Average Review Time: 5 days

The Anne Arundel Soil Conservation District Urban Division reviews grading plans that show the disturbance, proposed grades and sediment control practices to prevent erosion and sediment laden runoff from leaving the construction site and flowing into the tributaries of the Chesapeake Bay.

Our district reviews more than 2,000 submittals every year, which range from the early planning stages of subdivisions to sediment and erosion control plans for Anne Arundel County and the City of Annapolis for single family dwellings, residential subdivisions, commercial, industrial, mining, landfills, forest harvest, stream restorations, pond retrofits, capital and state projects, along with various modifications and variances. When time allows, the AASCD Urban Team also offers guidance to help resolve issues homeowners may have with erosion or drainage on their own property, which includes slope subsidence and shoreline stabilization.
Education & Outreach

The Anne Arundel Soil Conservation District participates in a variety of programs designed to educate the public in Anne Arundel County and throughout the State of Maryland about the issues facing our natural resources.

Photos (clockwise from top): In April, the AASCD hosted the Anne Arundel County Envirothon at Arlington Echo Nature Center, students test their skills in five subjects related to soil conservation, natural resources, aquatics, and forestry; the AASCD also hosts an annual South County farm tour for the fellows in Leadership Anne Arundel; AASCD participated in this fall’s Agriculture Education Day at Y Worry Farm; and a team from South River High School took top honors at the 2018 Anne Arundel Envirothon in April.
CONSERVATIONIST OF THE YEAR
Deana Tice and Family

This year, we are pleased to recognize the Tice Family of Harwood for their efforts in conservation and management of natural resources. Deana Tice works along side her husband, niece and brother-in-law, operating two farm businesses in southern Anne Arundel County: En-Tice-Ment Stables and En-Tice-Ment Farm Raised Meats. Deana manages about 300 acres at Obligation Farm for the stable business where she boards horses, teaches riding lessons, and offers equestrian training.

The Tice family also raise livestock at their family farm and produce meat for sale on the farm and at farmers’ markets.

The Tice family have been AASCD Cooperators since 2010 and have implemented a number of best management practices on their farm including heavy use area with roof structures, roof runoff, rotational grazing and a nutrient management plan for cattle grazing. At the stable, Deana has also implemented waterers, manure structures, and a nutrient management plan.
PAST “COOPERATOR OF THE YEAR” WINNERS:

1956  Albert McIlveen, Tracy’s Landing
1957  Amos H. Ward, Sr., Bristol
1958  William Tydings, Gambrills
1959  John R. O’Neill, Bristol
1960  Oscar F. Grimes, Jr., Davidsonville
1961  C. Edward Moreland, Galesville
1962  Darrell W. Sansbury, Friendship
1963  Osborne Peddicord, Harwood
1964  William W. Zang, Harwood
1965  Clifton H. Wayson, Davidsonville
1966  Nelson R. Crandell, Jr., Lothian
1967  Robert A. Gaug, Crownsville
1968  Joakob Hoellich, Lothian
1969  Richard Forney, Crownsville
1970  Albert R. Ricks, Harwood
1971  Mildred B. Anderson, Gambrills
1972  Howard Gordon, Friendship
1973  Pettebone Brothers, St. Margarets
1974  Yvonne Kirkpatrick-Howat, Edgewater
1975  Arthur R. Owens, Harwood
1976-86 No Cooperators during this time
1987  Henry A. Kinder, Jr., West River
1988  Dennis and Doris Marshall, Lothian
1989  Richard L. and Mary Smith, Lothian
1990  Robert S. “Sammy” and Larry Moreland, Lothian
1991  U.S. Naval Academy Dairy, Raymond Brenneman,
Dave Myers, and Pete Peterson, Manager, Gambrills
1992  Francis H. Chaney, II and Nell-Marie Chaney, Lothian
1993  Joan G., Ross E. and Dale H. Moreland, Galesville
and West River
1994  Lewis H. and Bryan S. McDonald, Harwood
1995  Earl E. and Jeffrey Griffith, Lothian
1996  Harrell S. Spruill, Annapolis
1997  Wald Y. Ibrahim, Lothian
1998  John M. and Betty Colhoun, Harwood
1999  Maxwell H. and Nancy Covington, Davidsonville
2000  Dr. Emily Wilson and Chris Wilson, Harwood
2001  Robert and Cathy Rossback, Davidsonville
2002  Stephen D. Hopkins and Family, Lothian
2003  Richard Catterton and Family, Harwood
2004  Bill Grimes, Davidsonville
2005  Wayne O’Neill, Lothian
2006  Kevin Windsor, Lothian
2007  Martin Zehner, Jr., Davidsonville
2008  J. Compton Wilson, Friendship
2009  Carol Jahningen and David Ciccotelli, Lothian
2010  Bill Harris and Peggy Campanella, West River
2011  J. Mark Scible and Family, Davidsonville
2012  Douglas and Maureen Heimbuch, Harwood
2013  No Cooperator this year
2014  Jamie and Sarah Suchoski; Baywood Farms
2015  Ray Greenstreet; Greenstreet Growers
2016  William Ford and Family, Harwood
2017  Wayson Family, Friendship