

CHESAPEAKE BAY RESTORATION FUND

Grant Recommendations for 2018 Funding

Project Number and Organization	Project Summary	Contact and Address	Amount Awarded
001 West Point High School	West Point High School proposes to start an aquaponics system, which will be located in a greenhouse. The system will teach the students at the school, as well as the students at West Point Elementary and Middle Schools, how to conserve resources by using fish water to fertilize plants.	Kenneth Newsome 2700 Mattaponi Ave. West Point, VA 23181 Phone #: 757-635-8630	\$ 5,000.00
003 Colonial Beach Public Schools	Colonial Beach Public Schools seeks funding for field trips and bus transportation for students in grades Pre-K-12, using Friends of the Rappahannock as their resource.	Karen Camlin 16 North Irving Ave. Colonial Beach, VA 22443 Phone #: 804-224-0906	\$ 4,260.00
004 Culpeper Soil and Water Conservation District (Driveway BMP Guide)	Culpeper SWCD proposes to revise and update the 2008 "Rappahannock County Driveway BMP Guide" for private landowners. The guide will include 12 BMP specifications, a typical maintenance chart, and tips on assessing road problems. They will provide up to five workshops to educate landowners, contractors, and county staff on driveway and private road installation and maintenance. They seek funding for the printing of 200 copies of the Guide for distribution.	Richard Jacobs, P.E. 351 Lakeside Dr. Culpeper, VA 22701 Phone #: 540-825-8591	\$ 1,600.00
005 Culpeper Soil and Water Conservation District (Homeowner Ed Program)	Culpeper SWCD proposes a homeowner education program for 100 people in each of their member counties. They will address Bay-friendly landscaping, give background on the Bay and the Bay license plate, and offer each household one free soil test, which will be evaluated at Va. Tech. Their goal is to reduce the amount of fertilizer that homeowners blindly apply without the context of a soil test.	Stephanie DeNicola 351 Lakeside Dr. Culpeper, VA 22701 Phone #: 540-825-8591	\$ 5,000.00
007 Chesapeake Academy	To continue to deepen their program and their students' engagement with the protection and restoration of the Bay, the Academy seeks funding for two field trips for their middle school students. In October 2018, the students will stay overnight at Camp Kekoka, a YMCA owned camp on the Bay. In November 2018, the students will stay three nights at the CBF facility at Port Isobel.	Julianne Keesee 107 Steamboat Rd. Irvington, VA 22480 Phone #: 804-438-5575	\$ 3,500.00
008 Booker T. Washington Middle School	Booker T. Washington Middle School seeks funding for travel and fees for seven kayak trips to collect water samples and marine species, an overnight trip to CBF's Smith Island, and a trip for 30 students in the 7th grade to visit Presquile Island in partnership with the James River Association.	Dr. Sean L. Callender Principal 3700 Chestnut Ave. Newport News, VA 23607 Phone #: 757-928-6860	\$ 4,000.00
009 Northern Neck Soil and Water Conservation District	Northern Neck SWCD proposes for their "Evaluating the Environmental Benefits of Small Grain Crops in Full-Season Soybean Production" project to provide cover crops at a minimum of two test plot sites on volunteer cooperator farms. Documenting increased soybean yields following a small grain cover crop could increase the adoption of small grain cover crops.	Keith Balderson P.O. Box 220 5559 Richmond Rd. Warsaw, VA 22572 Phone #: 804-313-9102 ext. 104	\$ 4,520.00
010 Peter Francisco Soil and Water Conservation District	Peter Francisco SWCD offers SOL-related environmental education programs to approximately 3,750 students, as well as adult groups. They seek funding to purchase more educational resources and provide more educational field trips.	Elise Corbin 16842 W. James Anderson Hwy. Buckingham, VA 23921 Phone #: 434-983-7923	\$ 5,690.00

011 Coastal Virginia Wildlife Observatory	As in their 03-17 grant applications, CVWO proposes to continue to help promote awareness of the importance of the Bay ecosystem for migratory birds by providing printed materials to supplement the oral presentations given to visitors at Kiptopeke State Park.	Brian Taber P.O. Box 764 Lightfoot, VA 23090 Phone #: 757-253-1181	\$ 1,000.00
012 William Wetsel Middle School	With a letter of support from the principal, William Wetsel Middle School proposes for their "Mountains to the Bay" project to embark on a comprehensive study for 25 students through a two-day course on the Bay watershed and travel with five teachers to Smith Island via Smith Point Marina for three days and two nights. Their goal is to enrich environmental education and increase awareness and knowledge of the Bay watershed.	Katie Walker 186 Mountaineer Lane Madison, VA 22727 Phone #: 540-948-3783 ext. 3024	\$ 3,000.00
014 City of Poquoson - Office of Engineering	The City of Poquoson constructed a stormwater retention pond in 2016-2017 near City Hall. The pond was installed to meet the Bay TMDL Action Plan Requirements. For their "Using Pond Design and Plantings to Educate, Inform, and Clean Water" project, they seek funding to display six educational interpretive signs around the pond, professional services, pedestrian benches, and additional native plants and bushes.	Ellen Roberts 500 City Hall Ave. Poquoson, VA 23662 Phone #: 757-868-3038	\$ 1,800.00
015 City of Poquoson - Events Office	Continuing with their 11-13 and 15-17 grant applications, the City of Poquoson proposes for their 2018 "Seafood Festival" to further enhance and continue the Chesapeake Bay Environmental Educational area of the festival and provide more hands-on and interactive learning opportunities that will teach about the Bay ecosystem, sea life in the Bay, the Bay as a food source, and the importance of protecting this natural wonder for generations to come. They will invite VIMS to display their interactive games and activities featuring marine life to include sea turtles, crustaceans, and various fish exhibits; the Va. Museum of Natural History for their "Getting to Know Your Watershed" program; and the Va. Aquarium & Marine Science Center to display their "Mobile Touch Tanks."	Deborah T. Mahanes 830 Poquoson Ave. Poquoson, VA 23662 Phone #: 757-868-3588	\$ 1,745.00
018 Potowmack Elementary School	Continuing with their grant application as in 2017, the school proposes for the SOL portion of their science curriculum to assist 100 students in the 4th grade to complete a unit of instruction about the Bay. They seek funding this grant cycle for 12 books on plants and animals of the Bay, a set of six e-books on "Exploring the Chesapeake Bay," art supplies, and hold three sessions of a videoconference "Chesapeake Bay: An Estuary in Crisis" from a scientist at the Mariner's Museum.	Michele Rzewski Copeland 46465 Esterbrook Circle Sterling, VA 20165 Phone #: 571-434-3270	\$ 1,227.00
019 Newport News Public Schools	As in their 15-17 grant applications, NNPS proposes to continue to provide all 7th graders with field experiences. They seek funding to go to 80 of the Va. Living Museum's "Chesapeake Bay Ecology Lab" programs, which would accommodate all of the above-mentioned students.	Rodney Culverhouse 12465 Warwick Blvd. Newport News, VA 23606 Phone #: 757-283-7850 ext. 10117	\$ 12,000.00
022 Thomas Jefferson Soil and Water Conservation District	Thomas Jefferson SWCD proposes to provide education, outreach and selected tools, and resources to landowners who wish to address water quality, erosion, and sediment concerns related to the mismanagement of small acreage horse farms affecting the James and York River watersheds.	Lauriston DaMitz 706 Forest St., Suite G Charlottesville, VA 22903 Phone #: 434-975-0224 ext. 107	\$ 2,504.00
023 Friends of Goochland Parks	FOGP is interested in partnering with Monacan SWCD to enhance environmental education in Goochland Co. They propose to hold two watershed field trips for scout troops and school students and create a weather-resistant community pole art display that will be installed at Tucker Park.	Leigh Dunn P.O. Box 592 Goochland, VA 23063 Phone #: 804-380-3208	\$ 700.00
024 Tri-County/City Soil and Water Conservation District	Tri-County/City SWCD proposes for their "Aspen Grove Farm 6th Grade King George Meaningful Watershed Education Experience" project to assess the Muddy Creek stream watershed, within which Aspen Grove Farm is located. The students will rotate through four stations, two focused on water quality tests to assess the overall health of the stream, the third a "Wetlands Scavenger Hunt" to explore a riparian forest and learn about its water pollution treatment functions, and lastly a "Water Quality Habitats Game" asking students to think about water quality issues from the point of view of aquatic organisms. To date, the District has hosted approximately 130 students in the 6th grade each year at the Farm.	Izabela Sikora 4811 Carr Dr. Fredericksburg, VA 22408 Phone #: 540-656-2402	\$ 700.00

026 Loudoun Soil and Water Conservation District (Enviroscape & Case)	Loudoun SWCD seeks funding to purchase an Enviroscape and carrying case, due to their current model being 10 years old and starting to show wear and tear. They have a strong and growing environmental education program, with the Enviroscape being their most popular lesson.	Charlotte DeMolay 30-H Catoctin Circle, SE Suite H Leesburg, VA 20175 Phone #: 571-918-4530 ext. 109	\$ 1,282.00
027 Loudoun Soil and Water Conservation District (Riparian Workshops)	Continuing further with their grant applications of 98-99, 02-04, 10-14, and 16-17, Loudoun SWCD seeks funding for their two "Riparian Buffer Planting Workshops." The workshops will involve students, government agency staff, and local citizen groups in establishing five more acres of forested riparian buffers. Participants will have the opportunity to learn about the values of riparian buffers while being involved in planting native trees, shrubs, grasses, and legumes.	Patricia McIlvaine 30-H Catoctin Circle, SE Suite H Leesburg, VA 20175 Phone #: 571-918-4530 ext. 104	\$ 2,700.00
028 Orange County Public Schools	Orange County Public Schools proposes to continue their "Chesapeake Bay Field Experiences Summer Scholars" program for their students supporting advanced learning and science, with environmental education as the main topic. As in their 10-13 and 15-17 grant applications, they seek funding for the Eco Scholars program offered at the CBF Education Center, requesting 25 middle school students and three teacher educators to participate. New for the 2018 grant cycle, they seek further funding for all the 5th grade students to attend a field study at the River's Edge Nature Preserve in Fredericksburg, Va.	Jessica Sarver 200 Dailey Dr. Orange, VA 22960 Phone #: 540-661-4580	\$ 7,455.00
029 Nansemond River Preservation Alliance	With letters of support and as in their 15-17 grant applications, NRPA seeks funding for the "NRPA Nansemond Watershed Initiative K-12 and Community Environmental Education" program, which includes a marshfield study, a boat trip to learn about marine life, and a riparian buffer enhancement planting project. The program is designed to educate, train, and encourage Suffolk students, residents, and businesses to be environmental stewards.	Elizabeth Taraski, Ph.D. P.O. Box 6090 Suffolk, VA 23433 Phone#: 757-745-7447	\$ 13,000.00
030 Lands and Waters, Inc.	Lands and Waters' hands-on watershed educational program "Follow the Water" was created in 2005. The program has been used to teach students, community volunteers, and educators the basics of what a watershed is, how to evaluate watershed health, and how human behavior influences watershed health. They are proposing to create and add a new component focusing on the water cycle and how it plays in the functioning of natural systems that enable life on Earth.	Jeanette Stewart 2909 Charing Cross Rd. #9 Falls Church, VA 22042 Phone #: 571-294-3646	\$ 3,075.00
031 Northumberland County Public Schools (Sea Perch)	Northumberland County Public Schools seeks funding to purchase 10 Sea Perch to build with teams of two, 20 students total. The "Sea Perch" program, initiated by MIT and now by the Office of Naval Research at Dahlgren, teaches students how to build their own remote controlled submarines.	Shauna D. McCranie 2172 Northumberland Hwy. Lottsburg, VA 22511 Phone #: 804-436-6866	\$ 1,790.00
032 Northumberland County Public Schools (CBF Field Trip)	Northumberland County Public Schools seeks funding for 20 students to go on a field trip to CBF's Port Isobel, Fox Island, and/or Smith Island. Their main objective is for the students to learn about the conservation efforts to save the Bay through preservations and supporting the efforts of the CBF.	Shauna D. McCranie 2172 Northumberland Hwy. Lottsburg, VA 22511 Phone #: 804-436-6866	\$ 2,400.00
033 Friends of the Occoquan	Similar to their 02-17 grant applications, FOTO proposes to continue to preserve and maintain the Occoquan watershed by recruiting volunteers for a Fall 2017 and Spring 2018 cleanup. FOTO further proposes to continue their Wetland and Watershed educational materials by distributing their "Marketing Strategy Palm Cards" during their activities and meetings and display them at NVRPA parks and some county libraries. Expanding on their 15-17 "Rain Barrel" program, they propose for 2018 to also include a "Community Garden" project for the staff and students at Hunter Woods Elementary and a local boy scout's "Eagle Project" to establish the school a garden. FOTO will conduct at least one water conservation/gardening workshop and donate two or more barrels. Lastly for 2018, they will donate a wheel chair accessible raised bed to a targeted school like the one they did for Granby Elementary in 2017.	German A. Vanegas P.O. Box 1452 Woodbridge, VA 22195 Phone #: 703-624-7124	\$ 1,500.00

034 Old Dominion University Research Foundation (Advance Understanding of the Chesapeake Bay Watershed)	For their science education program developed by the Commonwealth Center for Coastal Physical Oceanography, ODU Research Foundation seeks funding to purchase an Enviroscape Coastal model, microscope/camera/video system, and to develop stickers for promotion of license plate sales. The equipment and supplies would be used for their presentations at local schools, development of school-wide activities such as "Oceanography Day," participation in STEM-related workshops for children and adults, and participation in summer camps.	Dr. Eileen E. Hofmann 4111 Monarch Way, Suite 204 Norfolk, VA 23508 Phone #: 757-683-5334	\$ 1,754.00
035 Old Dominion University Research Foundation (Promoting Marine Science and the Chesapeake Bay Watershed Ed)	ODU Research Foundation seeks funding for their "Boy Scout Oceanography Merit Badge" program, which consists of a classroom presentation held at the Commonwealth Center for Coastal Physical Oceanography and a cruise on the ODU research vessel, the RV Fay Slover, that provides hands-on activities with oceanographic sampling equipment. The grant funds would support four one-half day cruises and develop stickers for the promotion of license plate sales.	Dr. Eileen E. Hofmann 4111 Monarch Way, Suite 204 Norfolk, VA 23508 Phone #: 757-683-5334	\$ 4,060.00
036 Old Dominion University Research Foundation (Learning Inquiry on the Bay and Nature in Science Ed)	ODU Research Foundation proposes for their "Learning Inquiry on the Chesapeake Bay and Enhancing and Understanding of Nature in Science Education" project to support three, one-day teacher workshops at three different state parks. Water quality testing and understanding the flora and fauna of the Bay will be the content focus. They will also learn how to use an ADI instructional model to conduct field-based investigations to compare the biotic and abiotic characteristics of land, marine, and freshwater ecosystems.	Melani Loney 4111 Monarch Way, Suite 204 Norfolk, VA 23508 Phone #: 757-683-7020	\$ 4,912.00
037 Piankatank Community League	As in their grant application of 2017, PCL seeks funding to purchase 50 more books on the Chesapeake Bay, <i>A Day in the Salt Marsh</i> , for 3rd graders at Petsworth Elementary School for their "Book Buddy Project," which encourages reading at home for students whose families can not afford books and to encourage accelerated readers. New for the 2018 grant cycle, they seek further funding for wall posters and other printed materials on the formation of soil, erosion, and pollution to go along with the books.	Jacqueline S. Partin 7823 Haynes Dr. Gloucester, VA 23061 Phone #: 804-694-4407	\$ 800.00
038 Colonial Soil and Water Conservation District	Colonial SWCD seeks funding for materials and supplies on interpretive signs and educational materials. They will use the Williamsburg Community Growers (WCG) community garden site in James City Co. as their pilot outdoor classroom for Warhill High School students in "The Nature of Man" class to gain experience with engineering, horticulture/agriculture, and marketing. The students and volunteers will construct a guided walking tour at the site where the needed requested funds would be placed.	Jim Wallace P.O. Box 695 Norge, VA 23127 Phone #: 757-645-4895	\$ 5,000.00
039 Blue Ridge Land Conservancy (formerly Western Virginia Land Trust)	With a letter of support and continuing with their 2012 and 15-17 grant applications, BRLC is proposing a three-day "Bay Day" excursion for 4th grade Botetourt Co. elementary school students to Camp Bethel near Buchanan, Va. and Wilson Creek. In keeping with BMP, there will be four work stations, three outside of the riparian buffer on a field and the fourth will be a stream school with Clean Valley Council on the creek and outside the buffer.	Meagan Cupka 722 First St., SW, Suite L Roanoke, VA 24016 Phone #: 540-985-0000	\$ 2,260.00
040 Chesapeake Bay Academy	CBA's faculty developed the Chesapeake Bay Academy Marine Environmental Learning Center for their middle and upper school students to learn to be good environmental stewards. The program combines in the classroom hands-on work tied to a multi-year curriculum with field work. They seek funding for four aquariums, supplies, testing kits, species specific guides, and field trips for 30 students.	Judy Jankowski 821 Baker Rd. Virginia Beach, VA 23462 Phone #: 757-497-6200	\$ 9,456.00
041 Three Rivers Soil and Water Conservation District	Three Rivers SWCD proposes to develop, publish, and distribute "Shoreline Stewardship: 7 Tips for Waterfront Property Owners in the Chesapeake Bay Watershed" to be used to educate property owners, marine contractors, agriculture producers, and homeowners about the importance of proper waterfront property and shoreline management methods. They seek funding for the services of a graphic designer to develop the layout of the booklet and to publish 1,000 copies of same.	Michelle L. Carter 772 Richmond Beach Rd. P.O. Box 815 Tappahannock, VA 22560 Phone #: 804-443-2327, ext. 4	\$ 5,000.00

042 Hampton Roads Planning District Commission	Continuing with their 16-17 grant applications, HRPDC proposes for all neighborhoods, community groups, and property managers, with the ability to install, maintain, and promote the purpose and use of pet waste stations, to apply for a free pet waste station through the regional "Pet Waste Station Grant Program." They further propose to once again offer up to 10 "Mini-Grants," a maximum of \$500.00 each, for stormwater projects which is open to all Hampton Roads school teachers, youth leaders, and organizations working with youth (K-12). New for the 2018 grant cycle, they propose to conduct four "Rain Barrel" workshops and promote "National Planting Day" by offering a native plant giveaway in an effort to educate residents on the benefits and beauty of native plants.	Katie Cullipher The Regional Building 723 Woodlake Dr. Chesapeake, VA 23320 Phone #: 757-420-8300	\$ 5,000.00
043 Chesapeake Youth Foundation (formerly Volunteer Advocates for Chesapeake Youth)	As in their 03-17 grant applications, VACY proposes to continue to conduct six weekend camping trips and three day outings to perform environmental enhancements along the Bay. Each weekend outing will include 6-10 youth and provide 120-200 hours of community service and the day trips will include 10 youth conducting eight hours of service.	Mary R. Riley 301 Albemarle Dr. Chesapeake, VA 23322 Phone #: 757-382-2321	\$ 1,000.00
044 Mountain Castles Soil and Water Conservation District	Continuing with their 2001, 2004, and 15-17 grant applications, Mountain Castles SWDC proposes to partner with Botetourt and Craig Co. Public High Schools to provide a meaningful Bay field experience and create "Action Projects" for three middle schools and one high school to carry out in order to address local watershed concerns. New for 2018, they propose for their "Farm & Float Tour," piloted by 8th graders at Read Mt. Middle School, to have students investigate BMPs being used by Oxbow Farm and then complete a three-mile paddle on the Upper James. Lastly for 2018, they propose for their "Project Wet" workshop, offered to K-12 teachers, to provide pay for up to six substitute teachers so the classroom teachers can attend the workshop during the school day.	Tim Miller 36 Executive Circle, Suite 1 Roanoke, VA 24012 Phone #: 540-797-0217	\$ 2,150.00
045 Friends of the Rappahannock (Student Stream Team)	Continuing with their 2011 and 13-16 grant applications on the "Student Stream Team" program and with letters of support, FOR proposes for students from several counties, teachers, and volunteers to be able to identify riparian buffers as a strategy to improve water quality and explain how they work to prevent sediment and nutrient contamination of the Rappahannock River and the Bay; design an action plan to restore a buffer; plant trees and other vegetation along 1,000 linear feet of riparian stream habitat to restore a stream buffer; develop individual stream water quality assessments for 20 tributaries; contract final production of an interactive, map-based "Rappahannock River Report Card" to be hosted on their website; and work with stakeholders to promote the release of the Report Card.	Bryan D. Hofmann 3219 Fall Hill Ave. Fredericksburg, VA 22401 Phone #: 540-373-3448 ext.112	\$ 6,500.00
046 Friends of the Rappahannock (Oyster Reef Restoration)	With a letter of support and continuing further with their 09-11 and 15-16 grant applications on "Oyster Reef Restoration," FOR proposes to work with volunteers and/or students to construct a minimum of 30 three dimensional oyster sentinels to install on protected leased river bottom; engage at least two local oyster companies in oyster reef restoration activities; install loose shell and spat on shell on two acres of river bottom in Carters and Urbanna Creeks; work with students, volunteers, businesses, and partners to increase oyster shell recycling in the tidal basin; and host an outreach and education event to showcase oyster reef restoration in the tidal basin where attendees are invited to tour restored oyster reefs by boat and install additional shell onto projects.	Bryan D. Hofmann 3219 Fall Hill Ave. Fredericksburg, VA 22401 Phone #: 540-373-3448 ext. 112	\$ 6,500.00
047 Fairfax County Park Foundation	The Foundation seeks funding for their "Lawn, Leaf and Letter" community outreach and watershed education campaign as part of their overall park encroachment public watershed education initiative. Homeowners are mowing into parkland to extend their yards beyond property lines and dumping yard waste in stream valley parks, which causes significant negative impacts on water quality and watershed health.	Margaret P. Thaxton 12055 Government Center Pkwy. Suite 404 Fairfax, VA 22035 Phone #: 703-324-8532	\$ 5,481.00

048 Rockfish Valley Foundation	RVF proposes for their "Living Outdoor Classroom" (LOC) project to expand the environmental educational opportunities for students and local citizens that will help them understand how to address Bay restoration at the local level. LOC will serve as a micro lab to learn about the relationship between stormwater runoff and native plant ecology. The students/citizens will learn this through their involvement in the construction of a rain garden and the installation of native plants.	Mary Haines-Johnson P.O. Box 235 Nellysford, VA 22958 Phone #: 434-263-4801	\$ 3,850.00
049 Piedmont Environmental Council	PEC proposes to engage local volunteers to create the first of two vernal pools at their Roundabout Meadows property as an experiential education workshop. PEC will target rural landowners, land managers, and HOA leaders to participate in the workshop and volunteer activity. The Council will also monitor the vernal pool and native plants, provide a guided field walk, and a video before, during, and after the installation of the vernal pool.	Celia Vuocolo 45 Horner St. Warrenton, VA 20186 Phone #: 540-347-2334 ext. 7086	\$ 500.00
050 Rockingham County Public Schools	As in their 15-17 grant applications, RCPS proposes to continue the momentum of watershed education that began in June 2014 with county administrators participating in an environmental education vertical articulation project. To fully implement the environmental curriculum for the 2018 grant cycle, which addresses issues of the Bay, they seek funding for 20 new administrators and their new superintendent to participate in a three-day CBF field study to Smith Island that is tailored to Rockingham Co. administrators.	Eric L. Fitzgerald Tammy Stone 100 Mt. Clinton Pike Harrisonburg, VA 22802 Phone #: 540-564-3219	\$ 4,000.00
051 Town of Vienna Department of Public Works	Continuing with their grant application in 2017, the Town of Vienna seeks funding for the 2018 grant cycle to design, purchase, and construct educational signage to correspond with the stormwater improvements at the newly renovated Community Center.	Christine Horner, PE 127 Center St., South Vienna, VA 22180 Phone #: 703-319-8630	\$ 1,100.00
052 University of Virginia Institute for Environmental Negotiation	The Va. Natural Resources Leadership Institute (VNRLI), a partnership with UVA's Institute for Environmental Negotiation, seeks funding for field trips, transportation, and fuel for participants to experience the Bay and gain a greater understanding of the issues that face the watershed.	Kelly Altizer Campbell Hall P.O. Box 400122 Charlottesville, VA 22904 Phone #: 434-924-6569	\$ 2,000.00
053 Virginia Living Museum	During VLM's cleanup events, they routinely encounter fishing line, lures, and hooks as marine debris. VLM proposes for their "Monofilament Recycling" program to involve the museum staff to install receptacles at well-known fishing locations to make it easy for fishing enthusiasts to dispose of their broken hooks and lines and educational displays at the collection stations to promote attitude and behavior changes in those fishing in the area.	Chris Crippen 524 J. Clyde Morris Blvd. Newport News, VA 23601 Phone #: 757-534-7488	\$ 5,000.00
054 James Madison University	Continuing with their 2014 and 16-17 grant applications, JMU's project is designed to give future teachers at JMU the knowledge and enthusiasm to provide meaningful watershed experiences for elementary and middle school students. Partnering with CBF's Smith Island Environmental Education Center, the class will provide hands-on activities at no extra cost to the students once they pay the normal tuition for a three-day residential field experience. The future JMU teachers will also research and build a "Vernal Pool" teaching site in the Bay watershed, which will be a permanent educational resource for Rockingham Co. and JMU students.	Dr. Scott Paulson 1031 S. Main St., MSC 5705 Harrisonburg, VA 22807 Phone #: 540-568-5270	\$ 1,200.00
055 Virginia Association of Soil and Water Conservation Districts Educational Foundation	As in their 02-04 and 06-17 grant applications, the VASWCD Educational Foundation proposes to continue to provide educational opportunities to high school students through Envirothon, which is a natural resources competition. Also, as in 13-17, VASWCD will focus on the growth of the program through improved marketing efforts. They seek funding for Envirothon Marketing Outreach, Resource Trunk Materials/local SWCD Envirothon Kit updates, and support of the State Competition, specifically training for educators on the current environmental issues.	Elizabeth Beran 7308 Hanover Green Dr. Suite 100 Mechanicsville, VA 23111 Phone #: 804-559-0324	\$ 12,000.00
056 Green Run Elementary School	Green Run Elementary School seeks funding to create a "Green Garden Club" at the school. Their goal is to ensure that their 4th and 5th graders understand the interactions of plants, animals, and nonliving components in an ecosystem by planting and tending to an organic garden.	Jennifer Nagel Vazquez 1200 Green Garden Circle Virginia Beach, VA 23453 Phone #: 757-648-2560	\$ 523.00

057 King George Elementary School	King George Elementary School's project is designed to provide 5th grade students a five-hour field trip to Wayside Park to bring environmental education in a powerful way wherein they can use scientific investigation, inquiry, and logic to build meaning and knowledge of the ecosystems and the influence of human activity on the ecosystems. They seek funding for supplies and equipment for five stations loosely modeled after the CBF Potomac River Field Programs, but adapted for use in "their own backyard."	Donna DeGrazia 10381 Ridge Rd. King George, VA 22485 Phone #: 607-423-1607	\$ 4,645.64
059 Alice Ferguson Foundation	Continuing with their 2012 and 2015 grant applications, AFF's educational programming expanded in 2011 to include "Trash Free Schools" outreach, which encourages schools to reduce their waste footprints and engages students in civic action. The Foundation seeks funding to continue to fully implement teacher training, school outreach, student action projects in Va. schools, and expand the opportunities for secondary students.	Laura Cattell Noll 2001 Bryan Point Rd. Accokeek, MD 20607 Phone #: 301-292-5665	\$ 1,700.00
060 Bull Run Mountains Conservancy, Inc.	Continuing further with their 11-17 grant applications on Chesapeake Watershed Workshops, BRMC seeks funding for the 2018 grant cycle to provide an in-depth experience for six middle and high school students, including a classroom instruction on the concepts and principles of aquatic ecology and research. A professional naturalist will lead each four-day workshop.	Michael J. Kieffer P.O. Box 210 Broad Run, VA 20137 Phone #: 703-753-2631	\$ 2,300.00
063 Va. Tech - Virginia Cooperative Extension, Westmoreland and Richmond County 4-H	Similar to their 08-09 and 12-15 grant applications, the Westmoreland and Richmond County 4-H proposes to continue with their environmental programming of the "4-H Water Wizard Day Camp" program, which is a Bay grass restoration service-learning project and in-school science SOL enrichment lessons. They seek funding to charter a boat for the three-day camp and supplies to update their water quality test kits and other supplies for the day camp.	Wendy R. Herdman P.O. Box 8 18849 Kings Hwy. Montross, VA 22520 Phone #: 804-493-8924	\$ 1,500.00
064 Town of Bridgewater	The Town of Bridgewater proposes to expand their "Wildwood Day," which is a hands-on environmental education program that has been in existence for the last 19 years at Wildwood Park. They seek funding to expand their program with the purchase of two Enviroscaapes, additional environmental guides for K-12 students, and posters about water quality.	John Mark Ware 201 Green St. P.O. Box 72 Bridgewater, VA 22812 Phone #: 540-908-4212	\$ 2,858.00
066 Lynnhaven River NOW	Lynnhaven River NOW seeks funding to recruit and train volunteers to conduct water quality sampling at 20 distinct water access sites across Va. Beach. Testing will include collecting information on temperature, dissolved oxygen, pH, salinity, nitrogen, phosphorous, fecal bacteria levels, and other indicators as determined.	Helen Kuhns Brock Environment Center 3663 Marlin Bay Dr. Virginia Beach, VA 23455 Phone #: 757-962-5398	\$ 5,000.00
067 James River Association	Continuing with their 99-00 and 12-17 grant applications on their "Riverkeeper" and "RiverRats" programs, they seek funding for water quality monitoring supplies that will collect data to monitor bacteria and sediment. New for the 2018 grant cycle, JRA proposes for their "Restoring Riparian Buffers in the James River Watershed" to install buffers on farms that have already received fencing or on other active farmland that does not have livestock, which will reduce sedimentation and nutrient runoff on private lands. They will work with the staff at Thomas Jefferson SWCD to determine the location for the buffer projects. The requested grant funds for the buffer projects would include 1,500 native tree seedlings, stakes, tubes, and landscape fabric.	Amber Ellis 4833 Old Main St. Richmond, VA 23231 Phone #: 804-788-8811	\$ 11,000.00
068 Locust Grove Middle School	Focusing this grant cycle on watersheds and continuing with their 15-17 grant applications, Locust Grove's "Field School Program" was created to help overactive 6th and 7th graders transition into middle school. They propose to offer 50 students intense outside/outdoors learning experiences and opportunities with a focus on co-curricular field trips revolving around science, social studies, and local history. They seek funding for half of their field trip costs and all of their watershed education service learning supplies.	Ben Van Rooy 6368 Flat Run Rd. Locust Grove, VA 22508 Phone #: 540-661-4480 ext. 7149	\$ 3,000.00

069 Eastern Shore Soil and Water Conservation District	Eastern Shore SWCD proposes for their "Outdoor Exploration Day," which educate families on the Eastern Shore and beyond about the conservation of wildlife key to the Bay health, to also present the "Flight of the Raptor" program to all students in Accomack and Northampton Counties. This is an educational experience to see the Raptors up close, learn more about them, and discover the wildlife they would find on the Eastern Shore. All students that attend receive a passport program or stamp book to collect stamps from all of the organizations they visit.	Mary Melson 22545 Center Parkway Accomac, VA 23301 Phone #: 757-787-0918 ext. 129	\$ 1,400.00
070 Urbanna Oyster Festival Foundation Marine Science Legacy Program	As in their 11-17 grant applications and with a letter of support, the Foundation seeks funding for their "Marine Science Legacy Program," which involves Middlesex Co. students and teachers in active environmental learning by providing on the water field trips for 8.5 days through the CBF. They also seek funds for their "Education Day," which provides hands-on programs for their students and teachers provided by volunteer private, nonprofit, governmental, and education agency presenters. Lastly, they seek funding to continue their "Legacy Program" throughout the year for their student-led restoration in Jameson Cove with the creation of a Wet Lab for the 2018 grant cycle.	Bethany Smith Kim Olsen P.O. Box C Urbanna, VA 23175 Phone #: 570-242-9232	\$ 6,300.00
071 MathScience Innovation Center	The Center proposes for their "Tank to Table" project to engage Central Va. students in the ecology of the Bay and explore conservation efforts and aquaculture as a viable career opportunity.	Dr. Hollee Freeman 2401 Hartman St. Richmond, VA 23223 Phone #: 804-343-6525	\$ 5,500.00
072 James City County Department of Parks and Recreation	As in their 02-07 and 09-17 grant applications, James City County Parks and Recreation proposes to continue to offer educational programs to more children. They seek funds for a two-day "Chesapeake Bay Explorers" camp to every child (325 this grant cycle) that participates in the REC Connect Summer Camp, Days of Discovery Therapeutic Summer Camp, and the RECN' It Out Neighborhood programs at no additional cost. The camp will focus on the importance of preserving the natural resources of the Bay and its watershed.	Carla Brittle 5300 Palmer Lane, Suite 1B Williamsburg, VA 23188 Phone #: 757-259-4171	\$ 6,000.00
073 Henricopolis Soil and Water Conservation District	Continuing with their 09 and 14 grant applications to provide comprehensive in-classroom watershed educational programs, Henricopolis SWCD seeks funding to replenish for 4th grade students their "Living in Your Watershed" book, which is a 20 page, full color, illustrated book about watersheds, pollution, and things we can do to improve water quality. They would also like to purchase another Enviroscape Model and case to add to the two purchased with grant funds in the past. Due to expanding their programs and new for 2018, they seek further funding for "The Surprising Story of Stormwater" book for 6th grade students, which has games and activities about nonpoint source pollution prevention. Lastly, they seek grant funds to purchase Enviroscape consumables and student water testing supplies.	Lindy Durham P.O. Box 90775 Henrico, VA 23273 Phone #: 804-501-5175	\$ 7,000.00
074 The Elizabeth River Project	Continuing with their 00-05, 08, 12-15, and 17 grant applications, Elizabeth River proposes for their Learning Barge "GreenSTEM" a new project for 2018 entitled "River Resilience," which will offer 7,000 students a curriculum where they come aboard their Learning Barge as junior scientists. The program fosters appreciation for the Bay and their home river and creates resiliency awareness. The Learning Barge emphasizes river science, environmental stewardship, thinking skills, leadership, and includes teacher resources and training.	Robin Dunbar 475 Water St., Suite C103A Portsmouth, VA 23704 Phone #: 757-399-7487	\$ 5,500.00
075 John Marshall Soil and Water Conservation District	John Marshall SWCD proposes to conduct riparian restoration projects on five acres in Fauquier Co. These projects will involve planting native trees and shrubs on the properties of landowners who have excluded livestock from the streams on their property as part of the Va. Agriculture Cost Share Program. They will also conduct water monitoring where possible prior to planting and yearly post-planting.	Michael Trop 98 Alexandria Pike, Suite 31 Warrenton, VA 20186 Phone #: 540-316-6639	\$ 3,500.00
076 River Creek Owners	Due to erosion eating away at the Goose Creek shoreline in Confluence Park and the land near it, River Creek Owners seeks funding to plant shrubs and other vegetation inland to the berm along a 350-foot section approximately 30 feet from Goose Creek. They will also conduct two seminars in the community to describe the importance of the project.	John McNamee, PE, PMP 43781 Apache Wells Terrace Leesburg, VA 20276 Phone #: 703-587-0723	\$ 2,000.00

077 Virginia Forage and Grassland Council	The VFGC will plan, coordinate, advertise, host, and conduct a two-day intensive grazing school in the Bay watershed. Grazing participants will learn the principles of good pasture and grazing management with emphasis on excluding livestock from surface waters, managing soil nutrients to minimize runoff and maximize utilization by plants, managing stocking rates in pasture rotation to increase ground cover, and minimize soil disturbance. They will also use a self-produced short video at the grazing school.	Matt Booher 3599 Indian Oak Rd. Crewe, VA 23930 Phone #: 540-245-5752	\$ 1,000.00
078 Northern Virginia Soil and Water Conservation District	The Northern Va. SWCD proposes to prepare guidelines for spot stabilization of eroded backyard streams, train small contractors how to design and build small-scale spot stabilization projects, and conduct two workshops addressing streambank erosion, further reducing sediment pollution.	Asad Rouhi, Ph.D. 12055 Government Ctr. Pkwy. Suite 905 Fairfax, VA 22035 Phone #: 703-324-1460	\$ 3,500.00
079 Broadwater Academy	With a letter of support, Broadwater Academy proposes to expand their classroom curriculum and project-based learning activities. They are seeking funds to defray the cost of a 10th grade trip to the Chincoteague Bay Field Station where the students learn about the Bay for three nights and four days. They seek further funds for their new "Wetlands Mentoring" program where they will set up a grow lab for <i>Spartina alterniflora</i> and transplant them on public and private land. Lastly, they seek funding for their "Aquaculture at the Academy" project where they will grow Zebra fish in the classroom to feed, collect and count embryos, maintain and clean the tanks, and take water chemistry.	Tom Marshall 3500 Broadwater Rd. Exmore, VA 23350 Phone #: 757-442-9041	\$ 7,000.00
080 Loudoun Wildlife Conservancy	Continuing with their grant application in 2016, LWC proposes to hold a "Meet Your Stream" education and outreach event in the Broad Run floodplain to build awareness for water quality issues in a high threat area. They will also conduct a "Habitat Restoration" project and work with landowners in Broad Run and plant 200 trees and shrubs native to that specific area. They will promote both projects via their online media and <i>Habitat Herald</i> newsletters. Finally, they will celebrate their volunteers and communicate success at their annual meeting.	Nicole Sudduth P.O. Box 1892 Leesburg, VA 20177 Phone #: 703-777-2575	\$ 4,200.00
082 STARBASE Victory, Inc.	All Portsmouth Public School 5th grade classes will attend a four-day ENVIROBASE program held at the STARBASE Victory facility. The program aims to increase student awareness and knowledge of how nature and human behaviors impact our Va. waterways. They seek funding for supplies and equipment for their two unique ENVIROBASE programs that are used in their classrooms every day.	William Hayden 2828 Greenwood Dr. Portsmouth, VA 23701 Phone #: 757-481-1370	\$ 1,000.00
083 Rivanna Conservation Alliance (formerly Rivanna Conservation Society) (Rivanna River Makeover)	Continuing to build on their 13-17 grant applications, RCA proposes for their "Rivanna River Makeover" project to work with community partners and volunteers to identify and participate in at least 35 sites for cleanups, restoration, buffer planting and invasive species removal, and water quality monitoring events; initiate a public lakes monitoring program; educate the community about the Rivanna River watershed with five public workshops; host paddles for schools and community groups and the Rivanna River Sojourn; in partnership with SouthWings, organize educational watershed flyovers for elected officials and key decision makers; create and implement a comprehensive press and social media campaign throughout the watershed; and new for 2018, they will engage the owners and operators of light businesses adjacent to the river in educational activities and makeover projects.	Roberta Savage P.O. Box 1503 Charlottesville, VA 22902 Phone #: 434-977-4837	\$ 6,000.00
084 Rivanna Conservation Alliance (formerly Rivanna Conservation Society) (Water Health for the Commonwealth)	As in their 15-17 grant applications, RCA proposes to provide high-quality classroom and field instruction for students in the Rivanna watershed; increase involvement of students in watershed cleanup and restoration activities; increase involvement of teachers and students in water quality monitoring programs; and new for 2018, develop, implement, and evaluate an afterschool "Rivanna River" club for 25 underserved students at Johnson Elementary School, which will focus on water quality issues in the Rivanna River and Bay watersheds.	Roberta Savage P.O. Box 1503 Charlottesville, VA 22902 Phone #: 434-977-4837	\$ 6,000.00

085 Lancaster Middle School	With a letter of support and increasing levels of ecophobia among students, Lancaster Middle School's TAG program will partner with Belle Isle State Park to create a rain garden at the park's Visitor Center. The requested grant funds are for garden supplies.	Alexis Forrester 191 School St. Kilmarnock, VA 22482 Phone #: 804-462-5100 ext. 2003	\$ 2,774.00
087 Boxerwood Education Association, Inc.	Similar to their 2002, 2004, and 07-17 grant applications, Boxerwood proposes for their Watershed Investigators "The Rockbridge Rivers Project" (RRP) to involve 800+ Rockbridge area students (grades 4-6) in a shared citizen-science project, focusing on water quality monitoring of their local streams and rivers and plant native trees. They also propose to strengthen their capstone initiative the "Bay Club Project" and send 55 (7th grade) students and teachers to the Bay for a 3-day, 2-night environmental education immersion experience. New for 2018, they propose for their groundwater pollution via "Karst" project to first teach in the classroom and then send all Earth Science students (grades 8-9) on a field investigation at the Natural Bridge State Park to explore the impact of "Karst."	Elise Sheffield 963 Ross Rd. Lexington, VA 24450 Phone #: 540-463-2697	\$ 3,400.00
088 Arlingtonians for a Clean Environment	ACE proposes to organize a professional development workshop for K-12 educators providing curriculum and educational resources about vehicular air pollution and its impacts on the Bay. Their specific focus will be on how vehicle idling impacts health, air, and water quality.	Elenor Hodges 3308 S. Stafford St. Arlington, VA 22206 Phone #: 703-228-6427	\$ 2,880.00
089 Cumberland County Public Schools	Partnering with the Peter Francisco SWCD and Bear Creek State Park, Cumberland Co. Public Schools proposes to introduce all students (grades 6-8) to various types of erosion, quality of soil, and conduct water testing. They seek funding for kits, professional development, and transportation to the park.	Sheri Almond P.O. Box 170 1541 Anderson Hwy. Cumberland, VA 23040 Phone #: 804-492-4212	\$ 900.00
090 Friends of the North Fork of the Shenandoah River	FNFSR proposes to provide instruction for both field and classroom MWEE implementation, develop and promote a repository of education equipment and supplies that can be shared across schools and other environmental education partners, and offer public education programs for all ages. They seek funding for instructional time, transportation costs, and equipment and supplies to deliver the programs.	John M. Eckman P.O. Box 746 Woodstock, VA 22664 Phone #: 540-459-8550	\$ 3,600.00
091 Tidewater Oyster Gardeners Association	Continuing with their 08-17 grant applications and with their motto "Growing Oysters for a Cleaner Bay," TOGO proposes to continue to expand their educational and outreach activities. They seek funding for a portion of the expenses for the Master Oyster Gardener Course, 2018, the publishing of three newsletters, shell for their educational oyster reef in Indian Creek, outside exhibits at Community Maritime Museums for the 2018 grant cycle, printed educational materials, and portable educational traveling exhibits.	Terry Lewis P.O. Box 2463 Gloucester, VA 23061 Phone #: 804-693-2687	\$ 5,000.00
092 Oyster Reef Keepers of Virginia, Inc.	Continuing with their 03-06 and 09-17 grant applications, ORKV seeks funding for 450,000 oysters and materials to 215 classes for their "Schools Restoring Oysters to the Chesapeake" program. New for 2018, they seek further funding to engage schools in a research project to evaluate alternative oyster reef substrates to see if they mimic the structure and habitat value that oyster shell reefs provide.	Laurie Carroll Sorabella P.O. Box 55201 Virginia Beach, VA 23471 Phone #: 757-460-1200	\$ 5,000.00
093 City of Waynesboro Department of Public Works	The City of Waynesboro proposes to develop and implement a community involvement outreach program that utilizes their detention pond and adjacent turf acres for a progressive "working model" of watershed protection. They will construct a walkway around the pond, place informational signs on three sides, plant 300 pumpkin seeds into the existing mulched area with the help of Wayne Hills Pre-K School, and place two informational signs on each side of the garden. The community pumpkin garden and detention pond walkway will be used in support of guided tours, workshops, and educational programs for local schools, citizens, and as support for existing watershed educational materials.	Deanna Desjardins 941 Fir St. Waynesboro, VA 22980 Phone #: 540-942-6624	\$ 3,000.00

094 Groundwork RVA	Groundwork RVA proposes for their "Enterprise Center" program to support positive youth development through conservation landscape design and maintenance that teach conservation landscaping practices, which teen leaders practice at Bellemeade Park and provide as a service to Richmond Public Schools (a Groundwork RVA partner) and to the surrounding community. The Center will house lawn care equipment for the teens to use, operate, and maintain and implement a community bike repair service at a second storage unit that will be equipped with tools and supplies to focus on bike repair. Both of these services are through the "Green Workforce" program.	Giles Harnsberger 3001 Meadowbridge Rd. Richmond, VA 23222 Phone #: 804-545-0866	\$ 3,900.00
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TOTAL AMOUNT RECOMMENDED: \$309,851.64