

CHESAPEAKE BAY RESTORATION FUND

Grant Recommendations for 2022 Funding

Project Number and Organization	Project Summary	Contact and Address	Amount Requested	Amount Recommended
001 Manassas National Battlefield Park	The Park provides a venue for natural and cultural resource education, interpretation, and community outreach. Their Brownsville picnic area is used by thousands of Prince William Co. students as part of their "From the Mountains to the Estuary: From the Schoolyard to the Bay" program and is also a location for one of their TRACKtrails. The creation of a wildlife/photography blind and an emergent wetland that is wheelchair accessible would provide a more robust experience. They seek funding for their emergent wetland restoration project.	Bryan Gorsira 12521 Lee Hwy. Manassas, VA 20109 Phone #: 703-754-1861 ext. 1109	\$ 31,500.00	\$ 18,500.00
004 Chesterfield County Public Schools	The Chesterfield Co. middle schools of Carver, Salem Church, and Falling Creek propose to partner with the James River Association to offer classroom visits for every class of Life Science and Science Systems 1. Their goal is to educate the students about their home and school's contribution to keeping the watershed healthy and clean. The project will also contain a competition design element between the classes of each school. They seek grant funds for 39 class visits, planning, development, logistics, project design supplies, and tools.	Janine D'Elia 13900 Hull Street Rd. Midlothian, VA 23112 Phone #: 804-639-8988	\$ 8,000.00	\$ 7,200.00
005 Virginia Turfgrass Council Environmental Institute	The VTC-EI proposed tributary restoration project builds on the 2021 American Beach Grass planting at the Va. Beach oceanfront. The 2022 "Come to the Bay Service" project will stabilize the shoreline along the Elizabeth River. They seek grant funds to purchase 15,000 American Beach Grass plants.	Tom Tracy, PhD P.O. Box 5989 Virginia Beach, VA 23471 Phone #: 757-464-1004	\$ 3,000.00	\$ 3,000.00
006 John Marshall Soil and Water Conservation District	Continuing with their 18-19 grant applications, John Marshall SWCD proposes to conduct riparian restoration projects on five acres in Fauquier Co. These projects will involve planting approximately 600 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.	Aleta Daniels 98 Alexandria Pike, Suite 33 Warrenton, VA 20186 Phone #: 540-422-8497	\$ 3,980.00	\$ 3,980.00
007 Clean Virginia Waterways Longwood University	As in their 03, 10-16, and 19-20 grant applications, CVW seeks funds for the 2022 "Virginia Waterways Cleanup," which is a project to increase public awareness and knowledge of Va.'s watersheds by involving more than 7,500 volunteers in removing solid waste debris and litter from beaches and the tributaries to the Bay. 2022 will be the 28th year for their programs. The grant funds will be used for cleanup supplies for the volunteers.	Kathleen M. Register Lancaster Hall 201 High St. Farmville, VA 23909 Phone #: 434-395-2602	\$ 6,200.00	\$ 6,200.00
009 Northumberland County Public Schools (CBF Field Trip)	Continuing with their 18-20 grant applications, Northumberland Co. Public Schools seeks funding for 60 middle school students this grant cycle to go on a field trip (three days/two nights) to CBF's Port Isobel or Smith Island. Their main objective is for the students to learn about the conservation efforts to "Save the Bay" through preservations and organizations supporting the efforts of the CBF.	Shauna D. McCranie 6958 Northumberland Hwy. Heathsville, VA 22473 Phone #: 804-436-6866	\$ 6,000.00	\$ 6,000.00

013 Newport News Public Schools	As in their 15-20 grant applications, NNPS proposes to continue to provide all 7th graders with field experiences. They seek partial funding for 83 of the Va. Living Museum's "Chesapeake Bay Ecology Lab" programs, which would accommodate all of the above-mentioned students (2,060). They also seek further funding, as in their 19-20 grant applications, to provide 7th grade teachers (28) with two days of professional development with the CBF.	Rodney Culverhouse 12465 Warwick Blvd. Newport News, VA 23606 Phone #: 757-283-7850 ext. 10117	\$ 16,070.00	\$ 14,070.00
014 Peter Francisco Soil and Water Conservation District	Continuing with their 18-21 grant applications, Peter Francisco SWCD offers SOL-related environmental education programs to approximately 3,500 students in Buckingham and Cumberland Counties, 200 students in private schools, and 50 home-schooled students, as well as adult groups. They seek funding to purchase supplies for their MWEE; provide field trips to the CBF's Brock Environmental Center and the U.S. Fish and Wildlife Service's Day at the Presquile National Wildlife Refuge; and attend the Chesapeake Bay Watershed Exploration and James River Headwaters Exploration Camps.	Elise Corbin 16842 W. James Anderson Hwy. Buckingham, VA 23921 Phone #: 434-983-7923	\$ 7,160.00	\$ 7,160.00
015 Fairfax County Public Schools Hunt Valley Elementary School	Hunt Valley Elementary School 2nd graders have a butterfly garden to grow plants to provide butterflies with their basic needs to survive and grow. The students discover how weather and seasonal changes affect plants, animals, and their surroundings. They seek grant funds for the restoration of their butterfly garden, which includes mulch, soil, bushes, and plants.	Elizabeth Green 7107 Sydenstricker Rd. Springfield, VA 22152 Phone #: 703-913-8836	\$ 405.62	\$ 405.62
017 Tidewater Oyster Gardeners Association	Continuing with their 08-21 grant applications and with their motto "Growing Oysters for a Cleaner Bay," TOGA proposes to continue to expand their educational and outreach activities. They seek funding for shell, supplies, and kiosk signage for their educational oyster reef at Camp Kekoka; educational exhibits about oysters and ecology of the Bay at Westmoreland State Park, Deltaville Maritime Museum, and the Yorktown Watermen's Museum; the publishing of three newsletters; printed educational materials; and portable educational traveling exhibits. New for the 2022 grant cycle, they are seeking grant funds for a "TOGA/VIMs Lecture Series" that they are developing so students, faculty, and the public can learn about the variety of oyster-related presentations. Lastly for 2022, they are requesting grant funds to revamp their website to simplify obtaining information and oyster care guidance.	Douglas Schaefer P.O. Box 2463 Gloucester, VA 23061 Phone #: 804-580-1456	\$ 15,000.00	\$ 6,500.00
018 STARBASE Victory, Inc.	As in their 18-20 grant applications, all Portsmouth Public School 5th grade classes will attend a four-day "revamped" 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. For the 2022 grant cycle, a new "Oyster Project" will take advantage of what was learned using the virtual modules from last year. They also plan to develop new videos and "homework" projects that engage students outside of the classroom, reinforcing environmental stewardship throughout the year. They seek funding for supplies for their ENVIROBASE programs that are used in their classrooms every day.	William Hayden 2828 Greenwood Dr. Portsmouth, VA 23701 Phone #: 757-343-3598	\$ 1,000.00	\$ 1,000.00

019 City of Poquoson - Events Office	Continuing with their 11-13 and 15-20 grant applications, the City of Poquoson proposes for their 2022 "Seafood Festival" (cancelled in 2020 and 2021 due to COVID-19) to further educate the public regarding the Chesapeake Bay Environmental areas by providing additional hands-on materials and interactive learning displays such as sea life, the Bay as a food source, and the importance of protecting the Bay 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, along with staff presentations on a variety of topics and current research involving the Bay; 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 Taylor 830 Poquoson Ave. Poquoson, VA 23662 Phone #: 757-868-3588	\$ 1,745.00	\$ 1,745.00
020 Thomas Jefferson Soil and Water Conservation District	Thomas Jefferson SWCD proposes to offer students activities to study soil health by exploring how the daily impact of their watershed affects the soil that runs off into nearby waterways--water quality begins on the land. They will offer activities that will promote social distancing while using in-person or virtual settings, such as the full time Virtual VA Virtual School. TJSWCD will provide extra equipment and instruction for classrooms, staff, and volunteers to safely teach lessons that correlate with the SOL. They seek funding for two (1 granted in 2017) new EnviroScapes, equipment, and supplies.	Amy Moyer Anne Coates 705 Dale Ave. Charlottesville, VA 22903 Phone #: 434-975-0224 ext. 101 ext. 100	\$ 4,921.65	\$ 4,921.65
023 Nansemond River Preservation Alliance	Continuing to expand on their 15-21 grant applications, NRPA seeks funding for their "NRPA Nansemond Watershed Initiative: Connecting the Classroom with the Environmental Program" for Suffolk Co. students (2,100) in the 3rd, 7th, and high school grades. The program would teach a combination of classroom sessions, outdoor boat trips, and marshfield studies, which is the only in-depth environmental hands-on experience for these students. They seek grant funds for boat trips and educational resources.	Elizabeth Taraski, PhD P.O. Box 6090 Suffolk, VA 23433 Phone#: 757-745-7447	\$ 17,350.00	\$ 17,350.00
024 Virginia Association of Soil and Water Conservation Districts Educational Foundation	As in their 02-04 and 06-21 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 13-21, VASWCD will focus on the growth of the program through improved marketing efforts statewide. They seek funding for Educator Professional Development, Envirothon Marketing Outreach, Resource Trunk Materials/local SWCD Envirothon Kit updates, and support of the State Competition. Lastly as in their 20-21 grant applications, they are also seeking funds to develop and conduct a workshop for "Coaches" to further their natural resources knowledge about the program and develop and distribute marketing materials statewide.	Bonnie Mahl 7308 Hanover Green Dr. Suite 100 Mechanicsville, VA 23111 Phone #: 804-559-0324	\$ 12,000.00	\$ 10,000.00
027 Henricopolis Soil and Water Conservation District	Henrico Co. Public Schools has identified a need to provide educational programs to teach the concept of a watershed and how activities on land will have an impact on water quality within their local watershed and the waterways to the Bay. Henrico Co. called upon the Henricopolis SWCD staff to fulfill that need. Henricopolis provides comprehensive in-classroom watershed educational programs and their goal is to continue to serve 4th grade students and to involve more 6th grade students. They now focus on underserved schools (Title 1) and would like to become a community partner to the school system for providing MWEE to those students. They are seeking grant funds to provide four schools with their "Watershed Education Plan."	Lindy Durham 8600 Dixon Powers Dr. Henrico, VA 23228 Phone #: 804-501-5175	\$ 8,600.00	\$ 6,100.00

028 The Elizabeth River Project	Continuing with their 00-05, 08, 12-15, and 17-20 grant applications and with a letter of support, Elizabeth River proposes for the 2022 grant cycle to offer their "Resilient River Star Schools" program to 3,000 students and 200 teachers in grades 3, 9, and 11 that attend Norfolk Public Schools. Their focus will be on sea level rise, resilience, and the blue crab. Teachers will receive multi-day trainings, supplies, mentoring to embrace the MWEE model, and help students create a 3-minute video to share during the Youth Resilient Expo. Students will attend virtual and in person barge programs utilizing the Learning Barge and Barge on Wheels that goes to the schools and they will showcase their projects at an Earth Day Expo. \$9,500.00 of the requested funds are for personnel.	Robin Dunbar 5205 Colley Ave. Norfolk, VA 23508 Phone #: 757-392-7132	\$ 25,000.00	\$ 15,500.00
029 Norfolk Public Schools Oceanair Elementary School	Oceanair Elementary proposes for their "SEE the Chesapeake Bay" project to take all students in grades 3-5 on a walking field trip to the Bay for a hands-on learning experience. They seek grant funds for art materials to produce seascape paintings, ocean plant life collages created with tissue paper, bay aquatic life drawings and paintings, and sculpture projects based on observation.	Angela Winters 600 Dudley Ave. Norfolk, VA 23503 Phone #: 757-217-7545	\$ 500.00	\$ 500.00
030 Friends of the Occoquan	Similar to their 02-21 grant applications, FOTO proposes to continue to preserve and maintain the Occoquan watershed by recruiting volunteers for a Fall 2021 and Spring 2022 cleanup. Expanding on their 15-21 "Rain Barrel and Community Garden" program, they will identify a school or organization that is interested in establishing a garden and provide materials to create one raised bed and conduct one gardening related workshop. New for the 2022 grant cycle, they propose to create a "Water Conservation" video. Lastly, they will distribute our "Palm Cards" to all of their activities, meetings, and on community bulletin boards.	German A. Vanegas P.O. Box 1452 Woodbridge, VA 22195 Phone #: 703-624-7124	\$ 8,000.00	\$ 2,500.00
031 Oysters Forever, Inc.	Continuing with their grant application of 2021, Oysters Forever proposes for the 2022 grant cycle to construct a "new" oyster reef in one of the estuaries of the Mobjack Bay in Gloucester, Va. Permission for the construction requires applications to the VMRC, Army Corps of Engineers, and the U.S. Coast Guard and coordination with adjacent landowners.	David E. Newton P.O. Box 396 Gloucester, VA 23061 Phone #: 804-350-0318	\$ 4,620.00	\$ 4,620.00
032 Loudoun Wildlife Conservancy	As in their 20-21 grant applications but on a larger scale, the Conservancy and Willowsford Conservancy will complete another riparian buffer planting consisting of native plants along a minor floodplain in southern Loudoun Co., targeting an area with a high likelihood of success and a high need for habitat enhancement. Their project will include only native plants and shrubs to enhance the habitat and filtration capabilities of the riparian buffer.	Michael Myers P.O. Box 1892 Leesburg, VA 20177 Phone #: 775-432-9192	\$ 10,500.00	\$ 10,500.00
033 Friends of the Rappahannock (Oyster Reef Restoration)	Continuing further with their 09-11, 15-16, and 18-21 grant applications on "Oyster Reef Restoration," FOR proposes to improve outreach, education, and community engagement on water quality and oyster restoration in the Rappahannock River focusing on Carters, Meachim, and Urbanna Creeks. They further propose to restore a minimum of four acres of oyster reef in the tidal Rappahannock River tributaries; engage local watermen, residents, school groups, businesses, and other stakeholders in oyster reef restoration and water quality projects; and host 10 on water outreach and education activities and restoration boat tours in the Northern Neck and Middle Peninsula.	Bryan Hofmann 3219 Fall Hill Ave. Fredericksburg, VA 22401 Phone #: 540-373-3448	\$ 10,000.00	\$ 6,000.00

034 Friends of the Rappahannock (Watershed Implementation Plan)	Continuing with their 2021 grant application, FOR and their many partners have spent several years working with stakeholder groups and the Va. DEQ to create a robust Phase III Watershed Implementation Plan. The final Phase III calls for 104,674 acres of trees to be planted throughout the Commonwealth and 16,696 of those acres are in the Rappahannock River watershed. Their goals are to restore 20 acres of riparian area, plant 6,000 trees, and host two volunteer tree planting events totaling 200 volunteer hours. The requested funds are for tree saplings, tubes, stakes, tree pots, and soil media.	Bryan Hofmann 3219 Fall Hill Ave. Fredericksburg, VA 22401 Phone #: 540-373-3448	\$ 15,000.00	\$ 15,000.00
036 Virginia Department of Historic Resources	DHR proposes two community outreach events to highlight the importance of the human/environmental relationship at the falls of the James River and how this history has impacted today's generations. They also propose two river cleanups in the James River around Belle Isle and Rocketts Landing. In preparation for the cleanup, an acoustic survey of the cleanup area will be performed to scan for cultural resources and modern debris in need of removal.	Brendan Burke 2801 Kensington Ave. Richmond, VA 23225 Phone #: 804-482-8088	\$ 6,679.79	\$ 4,079.79
038 Boxerwood Education Association, Inc. (Watershed Investigators Program)	Similar to their 02, 04, and 07-21 grant applications, Boxerwood proposes to continue to provide 1,000+ Rockbridge area students (grades 4-6) on a county-wide environmental education program in MWEEs. They are seeking grant funds to ensure 45 students in the 7th grade from two low-income schools and five teachers can participate in a three day, two night residential program led by the CBF educators. The trip will be to Smith and Fox Islands.	Elise Sheffield 963 Ross Rd. Lexington, VA 24450 Phone #: 540-463-2697	\$ 6,300.00	\$ 6,300.00
040 Bull Run Mountains Conservancy, Inc.	Continuing further with their 11-21 grant applications on "Chesapeake Watershed Workshops," BRMC seeks funding for the 2022 grant cycle to offer six scholarships to students age 13-18 to become watershed ambassadors. By traveling to different sites, students will better understand the watershed and things that impact it. Students will also see how pollution and other factors affect the watershed and discuss restoration possibilities. BRMC seeks further funding for six teachers to attend a "A Day in the Watershed Teacher Workshop" that focuses on stream and vernal pool ecology. The teachers will be provided informational materials for their education and resource use, as well as two PowerPoint presentations to use in their classrooms.	Michael J. Kieffer P.O. Box 210 Broad Run, VA 20137 Phone #: 703-753-2631	\$ 1,800.00	\$ 600.00
041 Thomas Hunter Middle School	Thomas Hunter Middle School proposes to add recirculating aquaponics systems (fresh and salt) to be used to demonstrate different water filtration options and their impact on water quality and waste management. By using drones, they are also expanding an area to demonstrate sustainable agricultural practices, soil science, and how different methods in agriculture mitigate pollution into the watershed. They seek grant funds for two closed aquaponics systems, VIMS "Wetlands Training Workshops" for teachers, and two video drones.	Ken Noonan P.O. Box 339 Mathews, VA 23109 Phone #: 804-724-2434	\$ 17,000.00	\$ 16,000.00
042 Izaak Walton League of America, Inc. Virginia Save Our Streams Program	As in their 97-09, 12-14, 16, and 19-21 grant applications, IWLA seeks funding for the continuation and expansion of their VASOS, Creek Critters, and Salt Watch programs. These programs will engage schools, conservation, and community groups in water quality monitoring and advocacy. The funding will allow VASOS to cover staff time, fringe benefits, attendance and exhibition at conferences for program promotion, salt watch kits, vests, printing and reproduction of promotional materials, staff travel to five workshop locations, and shipping of promotional materials.	Samantha Briggs 707 Conservation Lane Gaithersburg, MD 20878 Phone #: 301-548-0150 ext. 222	\$ 25,425.00	\$ 10,850.00

043 Williamsburg Community Growers	Continuing further with their 19-20 grant applications, WCG proposes to enhance its experimental teaching farm and community garden. Their mission is to support sustainable locally grown produce, educate visitors about the environmental and societal benefits of local agriculture, and the benefits of native plants. They seek grant funds for a professionally designed native plant habitat that meets the James City Co. safety and aesthetic guidelines.	Robyn Woolsey P.O. Box 622 Lightfoot, VA 23090 Phone #: 540-320-0456	\$ 3,600.00	\$ 3,600.00
044 Loudoun Soil and Water Conservation District (Riparian Buffer Planting Workshops)	Continuing further with their grant applications of 98-99, 02-04, 10-14, and 16-20, Loudoun SWCD seeks funding for their two "Riparian Buffer Planting Workshops." The workshops will involve school students, teachers, local citizens, volunteer groups, and government agency staff 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 Catocin Circle, SE Suite 218 Leesburg, VA 20175 Phone #: 571-918-4530 ext. 104	\$ 2,700.00	\$ 2,700.00
045 Clarke County Public Schools	CCPS proposes to engage all K-12 students in outdoor-based learning experiences. Their goal is to provide students with the knowledge and skills to be good stewards of the Bay watershed, while teacher professional development is vital to the success of those learning experiences. They seek grant funds for 25 bus trips to either the Blandy Experimental Farm or the Shenandoah River, K-12 (48 classes) outdoor learning experience supplies, K-3 (560 students) outdoor field experience program fees, grades 4-12 (735 students) MWEE field investigation program fees, one day professional development for 55 teachers, and a three day intensive Bay watershed professional development at the Va. Coast Reserve Long-Term Ecological Research Station for 20 teachers.	Yvonne Rivera 317 W. Main St., Suite A Berryville, VA 22611 Phone #: 540-955-6100	\$ 22,145.00	\$ 20,270.00
046 Rivanna Conservation Alliance (Education Project)	Continuing with their 20-21 grant applications, RCA proposes to expand its successful 6th grade MWEE program to reach 500 students in the Rivanna watershed. Participants will learn about water quality, stream investigations on a full day field trip, planting trees and native meadows, and creating educational signs. RCA will also expand its offerings of hands-on educational activities in local parks. Lastly, they will translate educational materials for both efforts into Spanish.	Lisa Wittenborn 1150 River Rd., Suite 1 Charlottesville, VA 22901 Phone #: 434-977-4837	\$ 8,500.00	\$ 5,500.00
047 Rivanna Conservation Alliance (Engaging the Rivanna Community in Protecting Water Quality)	Continuing with their 20-21 grant applications, RCA's "Engaging the Rivanna Community in Protecting Water Quality" project will work with community partners to address high priority water quality concerns, involve hundreds of community volunteers in hands-on restoration work, improve the water quality and ecosystem health in the Rivanna River and Bay, install project signage, and carry out a variety of outreach activities. Also as in 2021, they will implement practices that help control erosion, reduce nonpoint source pollution, and improve native habitats.	Lisa Wittenborn 1150 River Rd., Suite 1 Charlottesville, VA 22901 Phone #: 434-977-4837	\$ 10,000.00	\$ 8,000.00
048 Mountain Castles Soil and Water Conservation District	Continuing with their 01, 04, and 15-21 grant applications, Mountain Castles SWCD proposes to partner with Botetourt Co. Public Schools to provide meaningful Bay field experiences in grades 2, 6, and 7. The 2nd grade program will focus on the role of forests and land in the Bay watershed protection and the interactions between local plants, forests, and wildlife. The 6th grade program reinforces the connections between land use and water quality as students conduct field investigations in Catawba Creek. Also as in 2021, they propose for every Botetourt Co. 7th grader to experience a portion of the James River by canoe for two hours at no cost to the student.	Tim Miller 36 Executive Circle, Suite 1 Roanoke, VA 24012 Phone #: 540-797-0217	\$ 7,200.00	\$ 7,200.00

050 Aylett Country Day School	Continuing further with their 10-16 grant applications, Aylett Country Day School seeks funding for field trips to Camp Horizons Outdoor Learning Retreat, Tangier Island, and Virginia's Eastern Shore. They also seek funding to support 20 on water Aylett Outdoors Program watershed experiences and three hands-on restoration projects at several viewsheds and tributaries. The funding will expand environmental education opportunities for the students and educators and increase their community's involvement in Bay restoration efforts.	Tara P. Garner P.O. Box 70 Millers Tavern, VA 23115 Phone #: 804-443-3214	\$ 11,470.00	\$ 11,470.00
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TOTAL AMOUNT RECOMMENDED: \$265,322.06