

## FY2021 Coastal Zone Grants (Oct 1, 2021 – Mar 31, 2023)

Project title	Grantee	Amount	Summary
<b>Delaware Estuary Coastal Zone</b>			
Delaware Estuary Coastal Zone Management Implementation Program	Delaware Valley Regional Planning Commission	\$45,000	Implement the Coastal Management Program in the Delaware Estuary Coastal Zone that includes Delaware, Philadelphia and Bucks counties.
Norris Street Trail	City of Chester	\$60,000	Develop final design documents for the Chester City East Coast Greenway trail connection on Norris Street. This project will advance implementation of the East Coast Greenway in Delaware County.
FDR Park - Pattison Lagoon Planning	Fairmont Park Conservancy	\$75,000	Develop a plan to restore Pattison Lagoon at Franklin Delano Roosevelt Park in the City of Philadelphia. The plan will create a nature trail, new access points, and restore the riparian edge of the lagoon.
Levittown Trail	County of Bucks	\$70,000	Complete final design and permitting for 1.2-mile ADA accessible shared use trail. The new trail will connect residential areas with recreation sites, existing trail networks, and mass transit.
A New Lens on the Tidal Schuylkill River: Supporting Community Science and Recreation at FloatLab	John Bartram Association	\$50,000	Support safe public access to FloatLab, a new floating classroom and recreational space on the Tidal Schuylkill River at Bartram's Garden in Philadelphia. Funding will support new living-wage education staff positions with recruitment focused within the local Southwest Philadelphia community.
Engaging Residents and Youth in Clean Water Stewardship through Freshwater Mussel Education	Partnership for the Delaware Estuary	\$50,000	Develop new environmental education resources and programs for the Freshwater Mussel Recovery program and the Mussels for Clean Water Initiative. This project will expand outreach to engage and connect Philadelphia residents and youth to their local waterways.
Market Square Memorial Park Delaware River Pier Removal and Reconstruction Master Plan	Marcus Hook Borough	\$40,000	Analyze the physical and economic feasibility of replacing the existing deteriorating pier with a new and improved structure to enhance accessibility to the Delaware River in Marcus Hook Borough, Delaware County.
Glen Foerd Boathouse Structural Plan	Glen Foerd Conservation Corporation	\$12,590	Develop construction plans for repair of the historic circa-1915 boathouse located along the banks of the Delaware River. This is the first phase in re-opening the structure to Glen Foerd's 35,000 annual visitors.
Giving Future Watershed Stewards a Voice at Croydon Woods and Bristol Marsh	Heritage Conservancy	\$20,000	Empower students and adults in the community to environmental action through classroom programs and cross-watershed collaboration paired with outdoor field trips to integrate information related to single-use plastics, recycling, and overall watershed protection through decreased pollution.
Delaware River Fest 2022	Partnership for the Delaware Estuary	\$62,384	Coordinate and host the Delaware River Festival 2022 at Penn's Landing along the Delaware River in Philadelphia. This event will

			educate the public about coastal recreation, historic sites, and public access.
Coastal Cleanups Coordination/Promotion in the Delaware Estuary	PA Cleanways/Keep Pennsylvania Beautiful	\$40,000	Conduct community cleanups and debris removal in the Delaware Estuary, including organization and training of volunteers, fostering local partnerships and citizen stewardship of cleanup areas, and reporting of final debris removed.
<b>Lake Erie Coastal Zone</b>			
Lake Erie Coastal Zone Coordination & Technical Assistance	County of Erie	\$65,000	Coordination and technical assistance with Lake Erie Coastal Zone projects
Lake Erie Coastal Zone Administration of Bluff Recession Setback Act	County of Erie	\$6,000	Assist Lake Erie coastal communities in administering the Bluff Recession and Setback Act of 1980.
East Bayfront Greenway Plan	City of Erie Redevelopment Authority	\$30,000	Complete a comprehensive plan for the East Bayfront Greenway Trail. This project will create a plan for a pedestrian trail connection between the public spaces in the neighborhood and vacant spaces to draw people to the Bayfront by activating the neighborhoods vacant greenspaces for use in this trail. Green stormwater infrastructure will be incorporated into the design.
McDannell Run Streambank Restoration	City of Erie	\$37,280	Create a stream restoration plan and design for McDannell Run within McClelland Park. Improvements will protect the stream from stormwater runoff, surges and flooding from surrounding urban areas, in addition to reducing nonpoint source pollution entering Lake Erie.
Researching the Occurrence of Cyanotoxin from Harmful Algal Blooms along the Coastline of Lake Erie	Regional Science Consortium		Support weekly monitoring of harmful algal blooms along Pennsylvania's Lake Erie coastline to protect human and pet health. Data collected will also be used in the development of a predictive model.
Tracking Bird Movement Along the Lake Erie Shoreline	Erie Bird Observatory	\$45,886	Research bird migration in the Lake Erie coastal zone. This grant will fund support staff and specialized equipment, including radio tags for attaching to birds and the receiver equipment needed for detecting the tagged birds.
<b>Enhancement Grants</b>			
Building Capacity to Facilitate Climate Adaptation Planning and Community Resiliency	Delaware Valley Regional Planning Commission	\$50,000	Enhance the Coastal Effects of Climate Change in Southeastern PA StoryMap with a focus on climate vulnerability to support on-going municipal and community outreach. This task is part of a five-year strategy to integrate and strength climate adaptation and resiliency planning in the Delaware Estuary Coastal Zone.

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Croydon Woods - Bristol Township Trail	Heritage	\$50,000	Design a 1.2-mile trail segment, including trailhead, benches, signage, and pollinator meadow, that will complete half of the connection between Croydon Woods and Bristol Marsh nature preserves. This ADA-accessible multi-use trail will complete a critical part of the East Coast Greenway and Circuit Trails network in Bucks County.
Chester City East Coast Greenway Engineering Design	Pennsylvania Environmental Council	\$50,000	Develop final design documents for Highland Avenue connection to the Chester Riverwalk Trail and the Delaware River. This corridor will be developed into ADA accessible shared-use paths with safe pedestrian crossings, signage, and stormwater management.
Exploring Our Urban Watershed	Schuylkill River Development Corporation	\$7,400	Provide environmental education and recreation programming on the Schuylkill River targeting young adults and families from local low-income communities. Approximately two hundred individuals will participate in water sampling, guided walks, and kayaking activities.
Establishing a Water Quality Collaborative Network for Philadelphia and Bucks Counties in PA	Partnership for the Delaware Estuary	\$57,044	Convene a group of stakeholders to develop a watershed plan that identifies projects, partners, funding sources, and next steps to address water quality impairments. This plan will be used as a basis for network members to seek funding to reduce nonpoint source pollution in the northern section of the Delaware Estuary coastal zone.
Eliminating Municipal Policy Barriers to Green Stormwater Infrastructure (GSI) Implementation	Pennsylvania Environmental Council	\$44,458	Audit local codes and policies to assess support of GSI use in collaboration with four suburban Philadelphia municipalities. The grantee will also engage partners to educate residents on the value of alleviating local policy barriers to GSI and advocate for proposed changes.
PFAS in Surface water, Sediment and Fish in the Pennsylvania Coastal Zone	Delaware River Basin Commission	\$50,546	Research the occurrence and toxicity of per- and polyfluoroalkyl substances (PFAS) in the Delaware Estuary. The grantee will use this information to develop fish consumption advisories, water quality criteria, and assessment methodologies.
Investing in Youth Environmental Leadership on the Tidal Schuylkill River	John Bartram Association	\$40,000	Organize the Schuylkill River Youth Crew to serve as leaders and watershed ambassadors to their communities. Fifteen local youths will be educated on the Schuylkill River, water safety, community organizing, environmental justice, and data collection. The Crew will lead free public boating opportunities, seasonal river cleanups, water quality monitoring, and wildlife observation.

Coastal Cleanups Coordination/Promotion in the Delaware Estuary	PA Cleanways/Keep Pennsylvania Beautiful	\$49,985	Conduct community cleanups and debris removal in the Delaware Estuary, including organizing and training of volunteers, fostering local partnerships and citizen stewardship of cleanup areas, and reporting of final debris removed.
Delaware River Festival 2021	Partnership for the Delaware Estuary	\$55,000	Coordinate and host the Delaware River Festival 2021 at Penn's Landing along the Delaware River in Philadelphia. This event will educate the public about coastal recreation, historic sites, and public access.
Bartram's Mile Fishing Pier Construction	Philadelphia Parks and Recreation	\$75,000	Rehabilitate an abandoned industrial pier along Bartram's Mile on the Schuylkill River into a usable fishing, wildlife viewing, and sightseeing pier. Funds will be used to stabilize the structure, construct an ADA-accessible ramp, install decking, railings, lights, and a bench.
<b>Lake Erie Coastal Zone</b>			
Lake Erie Coastal Zone Coordination & Technical Assistance	County of Erie	\$65,000	Coordination and technical assistance with Lake Erie Coastal Zone projects
Lake Erie Coastal Zone Administration of Bluff Recession Setback Act	County of Erie	\$6,000	Assist Lake Erie coastal communities in administering the Bluff Recession and Setback Act of 1980.
North East Beach Access	Erie County Conservation District	\$1,500	Purchase of Mobi-Mats and interpretive signage to provide ADA accessibility at Freeport Beach and 20 Mile Beach in North East, PA. The 5'x100' rollout mats create a nonslip surface over uneven rocks and sand to access the water at these two locations.
Researching the Occurrence of Saxitoxin from Harmful Algal Blooms along the Coastline of Lake Erie	Regional Science Consortium	\$50,000	Increased sampling and analysis of cyanotoxins in water samples collected from 28 locations along the Pennsylvania Lake Erie coastline. This increased frequency will provide additional protections for human and pet health.
Bird Migration in the Lake Erie Coastal Zone: Research, Education and Tourism	Erie Bird Observatory	\$45,000	Research bird use of coastal habitats using banding and radio tracking and promote public awareness through education at the Presque Isle banding station and development of materials.
Gannon University's Regional Summer School of Excellence	Gannon University	\$12,217	This project will inform, train, and engage high school students in a discussion and exploration of important coastal issues and related career opportunities.
Lakeside Boat Launch Rehabilitation	Lawrence Park Township	\$45,300	Reconstruction of the single lane concrete community boat ramp facility, currently unserviceable to the public in its deteriorated state. The rehabilitated launch will join other access amenities at the site, including the adjacent Lakeside Trail connecting to Lake Cliff Park and playground.

**Enhancement Grants**

Building Capacity to Facilitate Climate Adaptation Planning and Community Resiliency	Delaware Valley Regional Planning Commission	\$50,000	This project is an application for 309 funds for the final year of a multiple year plan for resiliency planning assistance in Southeast Pennsylvania.
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