

Natural Resources and Environmental Control



Project Summary Chart

State Capital Funds

	FY 2020	FY 2021 Request	FY 2021 Recommended	FY 2022 Request	FY 2023 Request
1. Shoreline and Waterway Management	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000
2. Clean Water State Revolving Fund	\$ 10,000,000	\$ 5,000,000	\$ 22,500,000	\$ 5,000,000	\$ 5,000,000
3. Park Facility Rehab and Public Recreational Infrastructure	\$ 5,000,000	\$ 6,500,000	\$ 6,500,000	\$ 7,000,000	\$ 7,250,000
4. Resource, Conservation and Development	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000
5. Tax Ditches	\$ 1,648,700	\$ 2,000,000	\$ 1,148,700	\$ 2,000,000	\$ 2,000,000
6. Conservation Cost Share	\$ 1,700,000	\$ 3,600,000	\$ 1,700,000	\$ 3,800,000	\$ 4,000,000
7. Conservation Reserve Enhancement Program (CREP)	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
8. Garrison Lake Golf Course Club House	\$ -	\$ 500,000	\$ -	\$ -	\$ -
9. Brandywine Zoo Master Plan Implementation	\$ -	\$ 2,000,000	\$ 2,000,000	\$ 1,500,000	\$ 1,500,000
10. Water Supply Monitoring Network	\$ -	\$ 810,000	\$ -	\$ -	\$ -
11. Permitting, Registration and Licensing	\$ -	\$ 1,522,500	\$ -	\$ 500,000	\$ -
12. White Clay Master Plan Nature Center Implementation	\$ -	\$ 300,000	\$ -	\$ 2,500,000	\$ 2,000,000
13. Debris Pits	\$ 1,000,000	\$ 1,000,000	\$ 500,000	\$ 1,000,000	\$ 1,000,000
14. Dikes/Dams	\$ 1,000,000	\$ 1,500,000	\$ 1,000,000	\$ 1,500,000	\$ 1,500,000
15. Critical Equipment for Operations	\$ -	\$ 2,161,000	\$ -	\$ 2,000,000	\$ 2,000,000
16. Minor Capital Improvement and Equipment	\$ -	\$ 674,000	\$ -	\$ 750,000	\$ 750,000
17. Biden Center Renovations	\$ 2,250,000	\$ 3,000,000	\$ 2,250,000	\$ 1,000,000	\$ 1,000,000
18. Coastal Impoundments and Water Control Structure Rehabilitation/Replacement	\$ -	\$ 1,000,000	\$ -	\$ 500,000	\$ -
19. Cape Pier Replacement	\$ -	\$ 1,500,000	\$ -	\$ 8,000,000	\$ 7,000,000
20. Killens Pond Water Park Improvements	\$ -	\$ 1,500,000	\$ -	\$ 2,000,000	\$ 2,000,000
21. Fletcher Brown Park Renovation	\$ -	\$ 650,000	\$ -	\$ 650,000	\$ -
22. Statewide Trails and Pathways	\$ -	\$ 1,000,000	\$ -	\$ 1,000,000	\$ 1,000,000
23. Delaware Bayshore Initiative	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000
24. Lums Pond Cabins	\$ -	\$ 1,500,000	\$ -	\$ -	\$ -
25. Trap Pond Splash Pad	\$ -	\$ 1,300,000	\$ -	\$ -	\$ -
26. Summit North	\$ -	\$ 350,000	\$ -	\$ -	\$ -
27. Historic Sites State Parks (Formerly Fort Miles Museum)	\$ -	\$ 500,000	\$ -	\$ 500,000	\$ 500,000
28. Poplar Thicket Erosion Project	\$ -	\$ 750,000	\$ -	\$ 2,250,000	\$ -
NA Redevelopment of Strategic Sites (Fort DuPont)	\$ 2,250,000	\$ 5,350,000	\$ 2,250,000	\$ -	\$ -
Total	\$ 35,448,700	\$ 56,567,500	\$ 50,448,700	\$ 54,050,000	\$ 49,100,000

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1. Shoreline and Waterway Management

Funding is requested to carry out the State’s Beach Preservation program along the Atlantic Ocean coast and Delaware Bay shoreline, Delaware Inland Bays sediment management, Indian River Bypass Project and University of Delaware Citizen Monitoring program efforts.

Under the State’s Beach Preservation program, work typically includes beach nourishment, structural erosion control measures, public dune maintenance and emergency storm repair and cleanup. Work is done only on publicly accessible beaches and may involve cost sharing with federal and local governments. Under plans prepared by the U.S. Army Corps of Engineers, federal cost-shared beach nourishment projects are undertaken on a three to five-year cycle for 50 years. Funding is requested to provide a match for federal funds.

Funding Schedule

	State	Federal	Other*
FY 2020	\$ 5,000,000	\$ 9,800,000	\$ 3,800,000
FY 2021	\$ 5,000,000	\$ 7,500,000	\$ 3,800,000
FY 2022	\$ 5,000,000	\$ 9,800,000	\$ 3,800,000
FY 2023	\$ 5,000,000	\$ 13,000,000	\$ 3,800,000
Total	ONGOING	ONGOING	ONGOING

*The source of Other funds are the Public Accommodation Tax and the Waterway Management Fee.

2. Clean Water State Revolving Fund

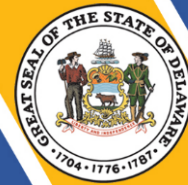
Funding is requested to provide \$1.6 million in required state match for the Federal Clean Water State Revolving Fund (CWSRF) Capitalization Grant and an additional \$3.4 million is requested to provide assistance to low-income and traditionally under-served communities through State grants.

It is anticipated that Delaware’s 2020 federal grant will be \$7.8 million, which requires a 20 percent state match of \$1.6 million. This funding request will support environmental infrastructure capital projects to maintain and improve water quality. Through Delaware’s CWSRF Program, these funds provide financial assistance loans to public and private entities for planning, design, and construction of wastewater collection, treatment and disposal facilities; stormwater infrastructure improvements; non-point source projects; and estuary water pollution control projects.

Funding Schedule

	State	Federal	Other
FY 2020	\$ 10,000,000	\$ 7,800,000	\$ -
FY 2021	\$ 5,000,000	\$ 7,000,000	\$ -
FY 2022	\$ 5,000,000	\$ 7,000,000	\$ -
FY 2023	\$ 5,000,000	\$ 7,000,000	\$ -
Total	ONGOING	ONGOING	\$ -

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3. Park Facility Rehab and Public Recreational Infrastructure

Funding is requested to rehabilitate the State’s park and wildlife area systems, which currently contain more than 700 buildings in 33 public access areas on over 100,000 acres statewide. Renovations to three of the busiest parking lots in the Delaware State Park system (Delaware Seashore, Cape Henlopen and Lums Pond State Park) are a priority. These busy lots are well beyond their expected lifespan and the project will be matched with \$2 million in federal grant funds (ratio \$1 federal for \$1 state funds) through the Land and Water Conservation Trust Fund.

Projects may include phase 2 and 3 of the Milford Mosquito Control field office; Little Creek Fish and Wildlife field office and Bayshore Visitor Center; Little Creek Enforcement office; impoundment restoration and repairs; Fish and Wildlife owned building and house renovations and repairs; demolition and remediation of unsafe structures and facilities; equipment storage construction; Norman G. Wilder field employee office design and construction; education facility repairs; boating and fishing area repairs, renovations and new construction; wildlife-viewing facilities (outside Bayshore region); and road and parking lot repairs and construction.

Funding Schedule

	State	Federal	Other
FY 2020	\$ 5,000,000	\$ 750,000	\$ -
FY 2021	\$ 6,500,000	\$ 1,500,000	\$ -
FY 2022	\$ 7,000,000	\$ 1,500,000	\$ -
FY 2023	\$ 7,250,000	\$ 1,500,000	\$ -
Total	ONGOING	ONGOING	\$ -

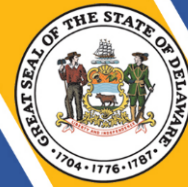
4. Resource, Conservation and Development

Funding is requested to continue the design and construction of Resource, Conservation and Development (RC&D) projects statewide. RC&D projects were originally established by the Twenty-First Century Fund Investments Act of 1995 that resulted from a settlement with the State of New York. The RC&D portion of the Act was created to provide funding to enhance the health of communities by improving watershed and drainage issues statewide. These projects are implemented by a partnership between the Department of Natural Resources and Environmental Control and Delaware’s three Conservation Districts.

Funding Schedule

	State	Federal	Other
FY 2020	\$ 5,000,000	\$ -	\$ -
FY 2021	\$ 5,000,000	\$ -	\$ -
FY 2022	\$ 5,000,000	\$ -	\$ -
FY 2023	\$ 5,000,000	\$ -	\$ -
Total	ONGOING	\$ -	\$ -

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5. Tax Ditches

Funding is requested for planning, surveying, engineering, permitting and construction of projects that improve tax ditches, channels, storm drains and related surface water infrastructure. A portion of these funds will be used to respond to drainage concerns from private landowners across the state. This funding also allows the drainage program to provide technical and administrative assistance to more than 215 tax ditch organizations.

Funding Schedule

	State	Federal	Other
FY 2020	\$ 1,648,700	\$ -	\$ -
FY 2021	\$ 2,000,000	\$ -	\$ -
FY 2022	\$ 2,000,000	\$ -	\$ -
FY 2023	\$ 2,000,000	\$ -	\$ -
Total	ONGOING	\$ -	\$ -

6. Conservation Cost Share

Funding is requested to expand the Conservation Cost Share program. This program is the state's principal financial support mechanism for the design and installation costs of practices that provide water quality improvements; provide wildlife habitat; and protect human health, natural resources, water supplies and Delaware's farmland soils. The program provides funds as incentives to landowners or users for the public benefit. Landowners that receive benefits must pay a portion of the cost to locate, design, install and maintain conservation practices and systems. Of the amount needed for this program, 70 percent will be divided equally among the three counties to expand their programs. The remaining balance will be directed toward nutrient management efforts statewide.

Funding Schedule

	State	Federal	Other
FY 2020	\$ 1,700,000	\$ 7,490,000	\$ -
FY 2021	\$ 3,600,000	\$ 5,990,000	\$ -
FY 2022	\$ 3,800,000	\$ 8,490,000	\$ -
FY 2023	\$ 4,000,000	\$ 8,490,000	\$ -
Total	ONGOING	ONGOING	\$ -

7. Conservation Reserve Enhancement Program

Funding is requested for the renewal of approximately 1,000 acres of marginal agriculture land currently protected by expiring Conservation Reserve Enhancement Program contracts. The state share of these contract renewals varies from 27 percent to 36 percent, depending on the conservation practice. The stream buffers and restored wetlands reduce nutrient and sediment loadings; improve water temperature and levels of dissolved oxygen which are necessary to support biology and wildlife; increase upland wildlife habitat; and create wildlife corridors.

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Funding Schedule

	State	Federal	Other
FY 2020	\$ 100,000	\$ 1,000,000	\$ -
FY 2021	\$ 100,000	\$ 1,000,000	\$ -
FY 2022	\$ 100,000	\$ 1,000,000	\$ -
FY 2023	\$ 100,000	\$ 1,000,000	\$ -
Total	ONGOING	ONGOING	\$ -

8. Garrison Lake Golf Course Clubhouse

Funding is requested for the design, permitting and construction of a new Garrison Lake Golf Course Administration building, pro shop and clubhouse. The clubhouse will allow the course to host additional golf tournaments, expand food options, and increase sales, special events and rental opportunities which will increase revenue and annual memberships to help the course remain sustainable.

Funding Schedule

	State	Federal	Other
FY 2021	\$ 500,000	\$ -	\$ -
Total	\$ 500,000	\$ -	\$ -

9. Brandywine Zoo Master Plan Implementation

Funding is requested to match private dollars raised by the Delaware Zoological Society and Federal Land and Water Conservation Fund. Immediate priorities include a quarantine building and a new lemur exhibit with associated utility upgrades. The division has completed a new Brandywine Zoo Master plan in part to maintain the zoo's American Zoological Association accreditation.

Funding Schedule

	State	Federal	Other
FY 2021	\$ 2,000,000	\$ -	\$ -
FY 2022	\$ 1,500,000	\$ -	\$ -
FY 2023	\$ 1,500,000	\$ -	\$ -
Total	\$ 5,000,000	\$ -	\$ -

10. Water Supply Monitoring Network

Funding is requested to construct and operate an expanded water supply monitoring network. Following discussions with the Governor's Water Supply Coordinating Council, work plans and budgets have been developed for two priority areas: one in central Kent County surrounding Dover and one in eastern Sussex County. These areas are undergoing

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significant population growth and are beginning to experience conflicts between water users from the agricultural, public and industrial sectors and threats of saline water intrusion due to rising sea levels. The network will augment existing ground and surface water monitoring networks.

Experience gained from long-term operation of a water supply monitoring network by the Delaware Geological Survey (DGS) found there are large areas where crucial information on the condition of the aquifers are largely unknown. In order to track the condition of water supply resources, new and replacement wells and surface water monitoring infrastructure are needed. DGS will be the lead agency in the design and installation of the network, in cooperation with the department and public and investor-owned water purveyors.

Information gained from this project will enable the agencies to define areas of acceptable and unacceptable water quality and quantity, ensuring a sustainable supply for future growth.

Funding Schedule

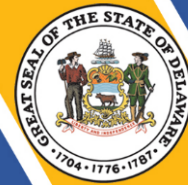
	State	Federal	Other
FY 2017	\$ 713,000	\$ -	\$ -
FY 2018	\$ -	\$ -	\$ -
FY 2019	\$ -	\$ -	\$ -
FY 2020	\$ -	\$ -	\$ -
FY 2021	\$ 810,000	\$ -	\$ -
Total	\$ 1,523,000	\$ -	\$ -

11. Permitting, Registration and Licensing

Funding is requested for the department permitting, registration and licensing portal. DNREC has invested over \$3 million to develop the ePermitting portal to simplify and digitize permit, license and registration forms. The Environmental Protection Agency return on investment calculator estimates that for Delaware, reducing the time to process permits associated with new construction by 35 percent could provide benefits as high as \$180 million in additional economic activity each year. Simplifying recreational license renewals can also assist with revenue growth by supporting the three R's - Recruitment, Retention and Reactivation. Further, linking Delaware's outdoor opportunities to each other and to the regulatory programs that protect them creates awareness of the purpose of regulations and a sense of shared stewardship among permit-holders and licensees.

The portal has established a department-wide system and is on track to provide a one-stop online location for 53 different permits, licenses or registrations. Funding will be used to support efforts in expanding the scope to ensure a successful phase II. There are over 40 additional permit-type transactions that could be added to the portal.

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Funding Schedule

	State	Federal	Other
FY 2021	\$ 1,522,500	\$ -	\$ -
FY 2022	\$ 500,000	\$ -	\$ -
Total	\$ 2,022,500	\$ -	\$ -

12. White Clay Master Plan Nature Center Implementation

Funding is requested for the planning and design of the Nature Center complex which was identified as the greatest need and area of focus in the White Clay Creek State Park Master Plan. The current building is historic and has many limitations. The priority is to build a nature center that would house day camps and serve as a visitor center. The funds requested would be used to plan a new structure and look at the flooding issue with the bridge leading to the nature center.

Funding Schedule

	State	Federal	Other
FY 2021	\$ 300,000	\$ -	\$ -
FY 2022	\$ 2,500,000	\$ -	\$ -
FY 2023	\$ 2,000,000	\$ -	\$ -
Total	\$ 4,800,000	\$ -	\$ -

13. Debris Pits

Funding is requested for the remediation of debris pits on private property where ground subsidence has caused significant property and/or structural damage to primary residences and appurtenances. There are presently more than 150 properties on the waiting list for remediation, with an estimated seven to eight year wait time for remediation.

Funding Schedule

	State	Federal	Other*
FY 2020	\$ 1,000,000	\$ -	\$ 100,000
FY 2021	\$ 1,000,000	\$ -	\$ 100,000
FY 2022	\$ 1,000,000	\$ -	\$ 100,000
FY 2023	\$ 1,000,000	\$ -	\$ 100,000
Total	ONGOING	\$ -	ONGOING

*The source of Other funds is voluntary match.

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14. Dikes/Dams

Funding is requested to perform emergency planning and monitoring, dam engineering, maintenance repairs and general construction for state-owned dams. Major capital improvements planned include major upgrades of Mud Mill Pond, Garrisons Lake and installation of operable water control gates and access structures at Abbotts Mill Pond. A dikes and associated water control structure inventory has been partially completed.

Funding Schedule

	State	Federal	Other
FY 2020	\$ 1,000,000	\$ -	\$ -
FY 2021	\$ 1,500,000	\$ -	\$ -
FY 2022	\$ 1,500,000	\$ -	\$ -
FY 2023	\$ 1,500,000	\$ -	\$ -
Total	ONGOING	\$ -	\$ -

15. Critical Equipment for Operations

Funding is requested for the acquisition and replacement of critical equipment essential in performing environmental and natural resource operations, conservation, protection and research activities. The critical equipment assets provide public services and infrastructure support to over 105,000 acres of public land, 700 buildings, 17 state parks, 16 wildlife management areas, 10 natural preserves, two national estuarine research reserve sites, 65 freshwater ponds and marine access areas, all Delaware waterways, and environmental laboratory services.

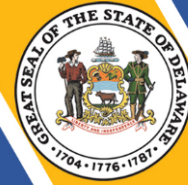
Funding Schedule

	State	Federal	Other
FY 2021	\$ 2,161,000	\$ -	\$ -
FY 2022	\$ 2,000,000	\$ -	\$ -
FY 2023	\$ 2,000,000	\$ -	\$ -
Total	ONGOING	\$ -	\$ -

16. Minor Capital Improvement and Equipment

Funding is requested for Minor Capital Improvement and Equipment projects for the department's facilities and infrastructure. The proposed projects include, but are not limited to: retrofitting windows; replacing flooring and drywall at the Lewes Field Facility; and maintaining shelters equipped with HVAC and 200VAC for the Lewes Monitoring Station and the Bellevue State Park Monitoring Station.

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Funding Schedule

	State	Federal	Other
FY 2021	\$ 674,000	\$ -	\$ -
FY 2022	\$ 750,000	\$ -	\$ -
FY 2023	\$ 750,000	\$ -	\$ -
Total	ONGOING	\$ -	\$ -

17. Biden Center Renovations

Funding is requested to continue construction documents and construction for renovations to the Biden Environmental Training Center at Cape Henlopen State Park. Renovations will include updates to bring the building into compliance with modern safety standards and accessibility requirements and modernize the facility to allow additional conference and training opportunities with overnight facilities.

Funding Schedule

	State	Federal	Other
FY 2019	\$ 1,300,000	\$ -	\$ -
FY 2020	\$ 2,250,000	\$ -	\$ -
FY 2021	\$ 3,000,000	\$ -	\$ -
FY 2022	\$ 1,000,000	\$ -	\$ -
FY 2023	\$ 1,000,000	\$ -	\$ -
Total	\$ 8,550,000	\$ -	\$ -

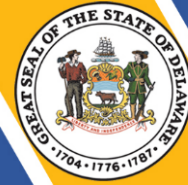
18. Coastal Impoundments and Water Control Structure Rehabilitation/Replacement

Funding is requested to leverage federal grant funds to restore two coastal impoundments at the Little Creek Wildlife Area and the Thousand Acre Marsh Impoundment of Augustine Wildlife Area.

At Little Creek Wildlife Area, erosion and coastal storms have cumulatively damaged 8,000 linear feet of dike and a 30+ year old water control structure was no longer functioning. As a result, water levels could not be managed and 450 acres of freshwater/brackish marsh have been at risk of conversion to open water if the dike fails. The aging water control structure was replaced and the design of the dike and shoreline restoration was completed within the last five years using Hurricane Sandy Coastal Resilience funds.

At Thousand Acre Marsh, a 30+ year old water control structure under Route 9 has exceeded its useful life and is no longer functioning. As a result, more than 1,000 acres of freshwater marsh is degrading and losing value for wildlife and public access for hunting, as well as impacting private property owners.

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Funding Schedule

	State	Federal*	Other
FY 2018	\$ -	\$ 1,762,500	\$ -
FY 2019	\$ -	\$ 1,500,000	\$ -
FY 2020	\$ -	\$ 500,000	\$ -
FY 2021	\$ 1,000,000	\$ 1,050,000	\$ -
FY 2022	\$ 500,000	\$ 40,000	\$ -
FY 2023	\$ -	\$ 40,000	\$ -
Total	\$ 1,500,000	\$ 4,892,500	\$ -

* The source of Federal funds is the Wildlife Restoration program.

19. Cape Pier Replacement

Funding is requested for the design and permitting of a new Cape Henlopen State Park pier to replace the existing structure. The design and permitting process is expected to take two years.

Funding Schedule

	State	Federal	Other
FY 2021	\$ 1,500,000	\$ -	\$ -
FY 2022	\$ 8,000,000	\$ -	\$ -
FY 2023	\$ 7,000,000	\$ -	\$ -
Total	\$ 16,500,000	\$ -	\$ -

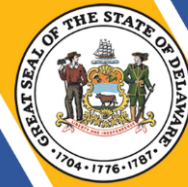
20. Killens Pond Water Park Improvements

Funding is requested for phase two of a four phase renovation to the Killens Pond Waterpark. Phase two includes a new sprayground, bathhouse, pavilion, play features and shade structures. Funding will support continued improvements to the pools, walkways and pool decking; bathhouses, showers and lockers; ticket and concession buildings; and pool mechanical building and infrastructure.

Funding Schedule

	State	Federal	Other
FY 2021	\$ 1,500,000	\$ -	\$ -
FY 2022	\$ 2,000,000	\$ -	\$ -
FY 2023	\$ 2,000,000	\$ -	\$ -
Total	\$ 5,500,000	\$ -	\$ -

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21. Fletcher Brown Park Renovation

Funding is requested for the critical repairs of Fletcher Brown Park located at the intersection of South Park Drive and King Street in the heart of Wilmington. Due to public safety concerns, a portion of the park has been closed off from visitors. Funding is necessary to repair the wall, steps and surrounding structures in order to reopen this portion of the park. The park is named in honor of philanthropist H. Fletcher Brown and is also the former site of the Old Soldiers Park.

Funding Schedule

	State	Federal	Other
FY 2021	\$ 650,000	\$ -	\$ -
FY 2022	\$ 650,000	\$ -	\$ -
Total	\$ 1,300,000	\$ -	\$ -

22. Statewide Trails and Pathways

Funding is requested for trail and pathway development to expand recreational and transportation opportunities for Delawareans and visitors. Project funding will leverage existing and new resources from state, federal and private investments to continue Delaware's national leadership in providing a world-class interconnected network of shared-use pathways and trails that will support non-motorized travel and recreational trail opportunities. In collaboration with the Department of Transportation, Bicycle Council, Pedestrian Advisory Committee, Council on Greenways and Trails, communities and other stakeholders, the department is continuing to implement the First State Trails and Pathways Initiative. Many of these projects are multi-phase and will be implemented in segments over the next couple years.

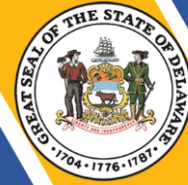
Funding Schedule

	State	Federal	Other
FY 2020	\$ -	\$ 850,000	\$ -
FY 2021	\$ 1,000,000	\$ 850,000	\$ -
FY 2022	\$ 1,000,000	\$ 850,000	\$ -
FY 2023	\$ 1,000,000	\$ 850,000	\$ -
Total	ONGOING	ONGOING	\$ -

23. Delaware Bayshore Initiative

Funding is requested for the Delaware Bayshore Initiative, which is recognized by the U.S. Department of the Interior as part of the America's Great Outdoor Initiative. Funding will leverage existing and new resources from Open Space, department fees and incentive programs, Land Conservation Funds, Penalty Funds/Coastal Zone Act Offsets, Federal Land and Water Conservation, federal grant funds, and bond and private investments.

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The Delaware Bayshore Initiative is aligned with efforts that focus on conservation, recreation, education and community engagement. It also supports economic growth by making the Bayshore a world-class ecotourism destination. It will improve the quality of life for residents and visitors through healthy outdoor recreation opportunities. Proposed projects include:

- Restoration of meadow and forest on new land acquisitions at Augustine Wildlife Area;
- Construction of a trail on the Morris Tract of the Ted Harvey Conservation Area;
- Design and fabrication of interpretive signs for the Augustine Wildlife Area;
- Construction of parking lot expansion at the Aquatic Resources Education Center;
- Design of handicap-accessible forest and marsh trails and a viewing deck in the Milford Neck Area;
- Re-construction of Bowers Beach overflow parking area to enhance drainage, install vegetated buffers and repair damaged pavement; and
- Construction of Bayshore Visitor Center, including exhibit design and installation, at Little Creek Wildlife Area.

Funding Schedule

	State	Federal	Other
FY 2020	\$ 500,000	\$ 250,000	\$ -
FY 2021	\$ 500,000	\$ 250,000	\$ -
FY 2022	\$ 500,000	\$ 250,000	\$ -
FY 2023	\$ 500,000	\$ -	\$ -
Total	ONGOING	ONGOING	\$ -

24. Lums Pond Cabins

Funding is requested for the design, permitting and construction of a new cabin complex at Lums Pond State Park. The funding would match Federal Land and Water Conservation Funds and expand the offering of camping in New Castle County. The cabins would provide year round overnight accommodations at the third busiest campground in Delaware State Parks.

Funding Schedule

	State	Federal	Other
FY 2021	\$ 1,500,000	\$ 1,000,000	\$ -
Total	\$ 1,500,000	\$ 1,000,000	\$ -

25. Trap Pond Splash Pad

Funding is requested for the permitting and construction of a new splash pad at Trap Pond. Presently, there is no other public pool or splash feature in western Sussex County. The splash pad would attract new visitors to the park and broaden the park offerings to campground and day use visitors.

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Funding Schedule

	State	Federal	Other
FY 2021	\$ 1,300,000	\$ -	\$ -
Total	\$ 1,300,000	\$ -	\$ -

26. Summit North

Funding is requested to complete work on the Penn Central West dredge spoil site in alignment with the Army Corps of Engineering requirement. Dredging is critical to the management of the Summit North marina and allows large boats to navigate safely.

Funding Schedule

	State	Federal	Other
FY 2021	\$ 350,000	\$ -	\$ -
Total	\$ 350,000	\$ -	\$ -

27. Historic Sites State Parks (Formerly Fort Miles Museum)

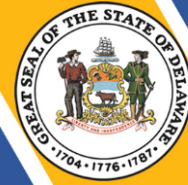
Funding is requested to match Friends group monies raised through donations and grants. Fiscal Year 2021 monies will leverage approximately \$1.0 million in non-state money. Funds will be used to match grants from sources such as the Longwood Foundation, Crystal Trust and Welfare Foundation to Delaware Friends Organizations. Projects include restoration of fire control towers, Fort Delaware, historic buildings in Bellevue State Park, and historic barns throughout the state.

Funding Schedule

	State	Federal	Other *
FY 2015	\$ 150,000	\$ -	\$ -
FY 2016	\$ -	\$ -	\$ -
FY 2017	\$ -	\$ -	\$ -
FY 2018	\$ -	\$ -	\$ -
FY 2019	\$ 500,000	\$ -	\$ 500,000
FY 2020	\$ -	\$ -	\$ -
FY 2021	\$ 500,000	\$ -	\$ 1,000,000
FY 2022	\$ 500,000	\$ -	\$ -
FY 2023	\$ 500,000	\$ -	\$ -
Total	\$ 2,150,000	\$ -	\$ 1,500,000

* The source of Other Funds are grants given to Friends Groups.

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28. Poplar Thicket Erosion Project

Funding is requested to finalize design and construct shoreline stabilization at the Poplar Thicket property along Indian River Bay. Shoreline stabilization was part of the agreement with the Nature Conservancy for the transfer of the property to the State.

Funding Schedule

	State	Federal	Other
FY 2021	\$ 750,000	\$ -	\$ -
FY 2022	\$ 2,250,000	\$ -	\$ -
Total	\$ 3,000,000	\$ -	\$ -

NA Redevelopment of Strategic Sites (Fort DuPont)

Funding is requested for the continuation of the redevelopment project at the Fort DuPont complex adjacent to Delaware City. The requested funding provides for critical improvements to the site to attract visitors and support restoration and infrastructure improvements, and levee and trail development.

Funding Schedule

	State	Federal	Other
FY 2017	\$ 2,000,000	\$ -	\$ -
FY 2018	\$ 2,250,000	\$ -	\$ -
FY 2019	\$ 2,250,000	\$ -	\$ -
FY 2021	\$ 2,250,000	\$ -	\$ -
FY 2022	\$ 5,350,000	\$ -	\$ -
Total	ONGOING	\$ -	\$ -