

QUARTERLY IMPACT REPORT

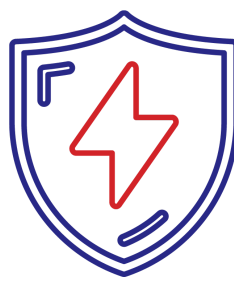
The Resilience Authority of Annapolis and Anne Arundel County was established to accelerate the planning, financing, and delivery of resilient infrastructure in the City of Annapolis and Anne Arundel County to protect and future-proof the region from climate impacts.

What We Do



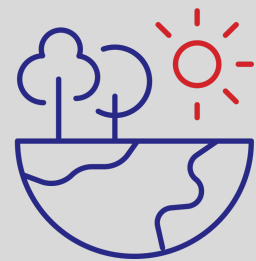
Communities and Infrastructure

The Resilience Authority invests in projects that strengthen the resilience of public and private infrastructure—protecting essential services, reducing risk from flooding, heat, and storms, and ensuring communities remain safe, connected, and adaptable in the face of environmental challenges.



Energy Resilience

The Resilience Authority partners with the County and City to accelerate the region's transition to renewable energy while investing in a more reliable, resilient energy system—especially in economically vulnerable communities.



Nature and Resources

The Resilience Authority works with the County and City to restore and protect natural infrastructure—such as wetlands, forests, and floodplains—to reduce disaster risk and build resilient ecosystems that provide cleaner air and water, wildlife habitat, recreational spaces, and long-term community benefits.

Highlights this Quarter (April - June 2026)

- **Carrs Beach (Annapolis)** | Engineering and design for the beach restoration and shoreline stabilization project have been largely completed, and continued coordination with federal, state and local regulatory agencies continued. Key to this process was onsite meetings with the Critical Area Commission and continued coordination with adjacent land owners at Chesapeake Harbor. The project permit is now under public notice for the Water Quality Certification with local permits to be submitted shortly. Updated permit process timeline has construction anticipated for March 2027.

- **City Dock Resilience Initiative** (Annapolis) | Over the past several months, the Annapolis City Dock Resilience Project has continued advancing from planning into early implementation and construction coordination activities. Current efforts are focused on Phase 1/1A improvements and associated access and staging preparations, with work anticipated between January 2026 and May 2027. This phase will include the closure of lower Dock Street between Craig Street and Susan Campbell Park, partial closure and staging activities along upper Dock Street between Craig and Randall Streets, and elevation improvements associated with the Prince George Street Park area. The work represents a major milestone in advancing flood mitigation, public infrastructure upgrades, waterfront resilience, and long-term protection of historic downtown Annapolis while also requiring significant coordination related to public access, construction staging, utilities, and waterfront operations.
- **Mobility Feasibility Study** (Annapolis) | The Request for Proposals (RFP) for a Mobility Feasibility Study for Annapolis will close on June 12, 2026. This collaborative initiative, supported by the Resilience Authority, Anne Arundel County, the City of Annapolis, and the Denker Foundation, will evaluate the long-term feasibility of transportation improvements along the Main Street–West Street corridor, including fixed-rail concepts and other mobility alternatives. Modeled in part on a Planning and Environmental Linkages (PEL) approach, the study will provide a high-level assessment of potential opportunities, constraints, costs, and implementation considerations associated with future transportation investments. The effort help identify viable projects, pursue future funding opportunities, and make informed decisions while avoiding actions that could prematurely trigger time-sensitive National Environmental Policy Act (NEPA) requirements that may be associated with future federally funded transportation projects. The study reflects growing regional interest in innovative, low-carbon transportation solutions that improve connectivity between Downtown Annapolis, West Street, and the Parole area. In addition to addressing mobility and accessibility needs, the project will examine how future transportation investments can support broader community goals related to congestion reduction, economic vitality, climate action, and long-term resilience.
- **Edgewater Recreation and Community Center** (*Anne Arundel*) | Design and engineering for the Edgewater Recreation and Community Center have been completed and submitted to Anne Arundel County for permit review, marking a major milestone. Early abatement and site preparation activities are now underway, while the project team continues final coordination associated with furniture, fixtures and equipment (FF&E), interior systems, and electrical schematics. In parallel with permitting and pre-construction activities, the Resilience Authority submitted a grant application to Google’s Water Stewardship Program to support innovative site-development and water-management components associated with the project. The Authority also continues exploring additional funding opportunities to support future Phase II improvements focused on environmental restoration, resilience enhancements, stormwater management, and broader sustainability objectives associated with the site. Together, these efforts reflect the County’s broader vision of integrating recreation, community wellness, environmental stewardship, and resilience into a single long-term public investment.
- **Electric Vehicle Charging Infrastructure** (*Anne Arundel*) | Phase I of Anne Arundel County’s fleet electrification strategy is now complete, with EV infrastructure evaluations, schematics, and conceptual designs finalized for 10 County-owned facilities. Electric load requests associated with the proposed charging infrastructure have also been submitted to BGE for

the initial sites based on the completed conceptual designs and projected operational demand. The project team is currently awaiting final design packages and firm fixed-price proposals for the initial pilot locations to support final implementation scheduling and deployment.




- **Fort Meade Military Installation Resilience Review (MIRR)** (*Anne Arundel*) | During this reporting period, the Resilience Authority continued coordinating with Department of Defense staff, Fort Meade leadership, regional partners, and the Office of Local Defense Community Cooperation (OLDCC) to advance the Fort Meade Military Installation Resilience Review (MIRR) initiative. Working collaboratively with project partners, the Authority supported preparation, coordination, and submission of the formal MIRR application focused on evaluating regional resilience vulnerabilities, infrastructure dependencies, and long-term mission readiness considerations associated with Fort Meade and surrounding communities. The application is currently undergoing final review and consideration by OLDCC. If awarded, the effort will support development of a comprehensive resilience and infrastructure strategy focused on strengthening regional preparedness, mission assurance, energy resilience, transportation systems, flooding mitigation, and community integration surrounding one of Maryland's most critical federal installations.
- **Galesville Community Stormwater Resilience** (*Anne Arundel*) | The Resilience Authority co-hosted a town hall in Galesville along with the West River Improvement Association, the National Parks Service Chesapeake Gateways Program, and the Volpe National Transportation Center on April 8, 2026. Staff from the Authority, County Bureau of Watershed Protection and Restoration, and Arundel Rivers Federation led a break-out group to discuss stormwater management and environmental quality with residents and received feedback that will inform the future assessment and concept work funded by a grant from the Chesapeake Bay Trust.
- **Glen Burnie Town Center** (*Anne Arundel*) | The Resilience Authority held a kickoff meeting with WRA and Mahan Rykeil to begin the next phase of the project - advancing through the design, permit and bid document phases. The main focus of this quarter was developing the financial scaffolding for the implementation of the plaza, currently estimated at \$5M. This included submitting federal earmark requests via House and Senate officials and exploring local and federal grant opportunities, with a viable DHCD grant opening in June 2026. Additionally, this quarter the Environmental Site Assessment was complete and continued coordination with HUD to release dedicated federal funds occurred.
- **Jonas and Anne Catharine Green Park** (*Anne Arundel*) | The Resilience Authority, in partnership with Anne Arundel County Recreation & Parks, worked with Bayland Consultants & Designers, Inc. and our in-house Nature-Based Consultant, Cedar, to finetune the 30% and prepare it for inter-agency review and pending permit submission. Additionally, the team began to assess unmitigated stormwater that enters the park from Route 450 with site surveys and a concept design to integrate a walking trail and stormwater management along Rt. 450. The Resilience Authority will help connect an ongoing SHA project on Rt. 450 and the B&A Trail with the Jonas Green project to enhance community access and build further resilience of the park and shoreline.

- **Quiet Waters Park (Anne Arundel)** | The Resilience Authority, in partnership with Anne Arundel County Recreation & Parks, worked closely with Stantec to achieve, review and present a number of deliverables, including desktop and field investigations, shoreline assessments, prioritization metrics and restoration technique priorities for each shoreline segment.
- **L-GEM Energy Modernization Grant Award (Anne Arundel County)** | The Resilience Authority, in partnership with Anne Arundel County, has been selected to receive an estimated \$4.3 million through the Maryland Energy Administration's Local Government Energy Modernization (L-GEM) Program, including approximately \$3.56 million for renewable energy projects and \$737,000 for energy efficiency improvements. To support implementation of the program, the Resilience Authority and project team completed site assessments and preliminary feasibility evaluations for an initial portfolio of County facilities, including solar production analysis, conceptual system layouts, and electric hosting-capacity evaluations associated with potential deployment sites. The Authority has also continued refining production modeling, financial analysis, and implementation scenarios in order to identify and prioritize the strongest candidate projects for initial grant deployment and long-term portfolio development. Based on this analysis, the Authority has begun narrowing the portfolio toward the highest-value and most implementation-ready sites capable of maximizing renewable energy generation, operational savings, resilience benefits, and available incentive opportunities.
- **South County BUDM Proposal to NCRF (Anne Arundel)** | The Resilience Authority, in partnership with Anne Arundel County, was awarded a \$1,007,500 National Coastal Resilience Fund grant leveraging approximately \$2,916,000 in matching funds to advance final design and implementation planning for three marsh restoration projects utilizing Regional Sediment Management approaches to rebuild and protect coastal wetlands. The project is intended to produce shovel-ready designs that beneficially reuse locally sourced dredged material to restore degraded marsh systems, strengthen natural flood protection, stabilize shorelines, improve habitat, and enhance long-term resilience as sea level rise continues to impact the Chesapeake Bay region. The project is now formally under contract and the project team has begun advancing design and engineering activities associated with Sites 2 and 3. In addition, the Resilience Authority has established a partnership with the Watershed Stewards Academy to support community outreach, stakeholder engagement, and local education efforts as the project progresses through design and implementation planning. Together, the effort continues advancing a replicable regional model for treating sediment as a community and ecological asset while supporting long-term resilience for coastal communities, infrastructure, and ecosystems.
- **Resilient and Ready Anne Arundel (Regional)** | The Resilience Authority, in partnership with Anne Arundel County and the City of Annapolis, is advancing the Resilient & Ready Anne Arundel initiative toward its core objective: a Portfolio of Projects that prioritizes where the Resilience Authority's support is most impactful for advancing implementation of regionally important resilience projects and pairs those opportunities with appropriate funding and financing mechanisms. Over the past quarter, the project team continued a review of existing plans and initiated a series of stakeholder interviews and focus groups to build a cross-jurisdictional project inventory and identify key gaps and opportunities. Building on this foundation, the team completed a comprehensive inventory of funding, financing, and revenue mechanisms applicable to the portfolio, spanning revenue-generating approaches, capital formation tools, environmental market mechanisms, partnership delivery structures, and more, and has begun developing recommended capital stacks and funding roadmaps for representative

keystone projects. In parallel, the project team continued solar opportunity analysis to assess implementation-ready sites, maximize utilization of the L-GEM award as described above, and support broader solar planning across the region. The Portfolio of Projects will be delivered this summer through a dynamic, custom-designed dashboard currently in prototype development.

- Severn River Whole Watershed Partnership (Regional)** | The Resilience Authority continued its leadership role with the State Management Team and key local partners to continue the implementation of Year 1 projects, developing the Monitoring Plan and prioritizing projects for Year 2. This quarter two projects, Key Point Giant and Wardour Community, completed construction. The Resilience Authority and Severn River Association hosted a ribbon cutting event and tour for Congresswoman Sarah Elfreth and her team on May 29. Additional information can be reviewed [here](#).

By the Numbers (through FY25)

		
\$50.3 Million For infrastructure projects since inception.	32 Projects Total infrastructure projects since inception.	\$68.2 Million Savings in avoided climate-related damages.

Resilience Authority's Project Dashboard

Initiative	Jurisdiction	Typology	Status
Annapolis City Dock Resilience Project	Annapolis ▾	Infrastructure ▾	Construction ▾
Annapolis Maritime Resilience Initiative	Annapolis ▾	Infrastructure ▾	Engineering ▾
Beverly-Triton Nature Park and Beach	Anne Arundel ▾	Infrastructure ▾	Engineering ▾
Carrs and Elktonia Beach	Annapolis ▾	Infrastructure ▾	Permitting ▾
Carrs Beach Park Master Plan	Annapolis ▾	Infrastructure ▾	Design ▾

Chestnut Hill Cove	Anne Arundel ▾	Infrastructure ▾	Completed ▾
Climate Pollution Reduction/Baltimore MSA	Regional ▾	Multi-Benefit ▾	Completed ▾
Columbia Beach Community Flooding	Anne Arundel ▾	Infrastructure ▾	Design ▾
Edgewater Recreation and Community Cntr	Anne Arundel ▾	Infrastructure ▾	Permitting ▾
EV Charging Infrastructure (Phase I)	Anne Arundel ▾	Energy ▾	Permitting ▾
Fort Meade MIRR	Anne Arundel ▾	Infrastructure ▾	Scoping ▾
Glen Burnie Town Center	Anne Arundel ▾	Infrastructure ▾	Design ▾
Jabez Phase III	Anne Arundel ▾	Nature ▾	Completed ▾
Jonas and Anne Catherine Green Park	Anne Arundel ▾	Infrastructure ▾	Engineering ▾
Municipal Investment Fund	Annapolis ▾	Infrastructure ▾	Scoping ▾
Quiet Waters Resilience Assessment	Anne Arundel ▾	Infrastructure ▾	Design ▾
Resilient and Efficient Codes	Annapolis ▾	Energy ▾	Paused ▾
Sea Level Sensors	Regional ▾	Multi-Benefit ▾	Construction ▾
Severn River Private Shoreline P3 Pilot	Anne Arundel ▾	Infrastructure ▾	Engineering ▾
South County Resilience Initiative	Anne Arundel ▾	Infrastructure ▾	Design ▾
Spa Road Cleanup and Redevelopment	Annapolis ▾	Nature ▾	Scoping ▾
Study Tour on Resilience (Netherlands)	Regional ▾	Multi-Benefit ▾	Completed ▾
Study Tour on Sustainability (Sweden)	Regional ▾	Multi-Benefit ▾	Completed ▾
Tolson and Northwest Street Parks	Annapolis ▾	Infrastructure ▾	Scoping ▾
Tracy's Landing Community Resiliency	Anne Arundel ▾	Infrastructure ▾	Scoping ▾
Waterworks Resilience Park	Annapolis ▾	Infrastructure ▾	Paused ▾
Whole Watershed Act: Key Point Giant SWM	Annapolis ▾	Nature ▾	Completed ▾
Whole Watershed Act: Wardour SWM	Annapolis ▾	Nature ▾	Completed ▾
Whole Watershed Act: Truxton Community SWM	Annapolis ▾	Nature ▾	Construction ▾

Whole Watershed Act: Brewer's Hill Cemetery SPSC	Annapolis ▾	Nature ▾	Construction ▾
Whole Watershed Act: Merryman Stream Restoration	Annapolis ▾	Nature ▾	Permitting ▾
Whole Watershed Act: Oyster Recovery Build A Reef	Anne Arundel ▾	Nature ▾	Design ▾
Whole Watershed Act: Rideout Creek Gully Stabilization	Anne Arundel ▾	Nature ▾	Contracting ▾

Our Projects

CITY OF ANNAPOLIS

The Annapolis Maritime Resilience Initiative (AMRI) | The Annapolis Maritime Resilience Initiative (AMRI) is a nature-based resilience pilot to demonstrate community scale strategies to enhance resilience in the Maritime District of the City of Annapolis, MD. In addition to helping the coastal areas that encompass the Annapolis Maritime District build environmental, economic, and social resilience in the face of climate change, this pilot seeks to demonstrate that resilience strategies, if done at the community scale, can provide more collective protection than when they are done randomly or ad hoc.

Carr's and Elktonia Beach | Design and engineering firm McAdams, along with SCAPE, were selected by the City of Annapolis -- in partnership with the Resilience Authority of Annapolis and Anne Arundel County -- to guide the transformation of the famed former segregation-era resort. Internationally-recognized Mitchell J. Silver, of McAdams - who was named one of the top 100 urbanists in the world in 2023 -- and Kate Orff from SCAPE -- the first landscape architect to be named a MacArthur Fellow -- will lead a team that includes MBP, Creative Urban Alchemy, Underwood and Associates and Synergy Solutions. Under the Master Plan, the five-acre site will become a new park designed to acknowledge and

celebrate Chesapeake Bay's historic Black beaches. The work will involve landscape design as well as shoreline restoration to protect the new park and its beach from the impacts of climate change. When completed, the 5.17-acre property will provide stormwater management, opportunities for walking paths and public water access where public water access is currently limited.

Resilient and Efficient Codes Implementation | The Resilience Authority and the City of Annapolis, along with a team led by ClearlyEnergy, was granted a \$1.7m award from the U.S. Department of Energy's Resilient and Efficient Codes Implementation grant program. When complete the project will produce a model code, a pilot program, and tools to implement the project recommendations.

Spa Road Brownfields Cleanup & Redevelopment | The Resilience Authority, in partnership with the City of Annapolis, is advancing efforts to clean up the contaminated Public Works site on Spa Road to prepare the property for future affordable housing and municipal infrastructure. In support of the project, the Resilience Authority is leading the development of a grant application under the EPA Brownfields Program. To facilitate eligibility for federal funding, the temporary transfer of the property to the Resilience Authority was approved. The Authority's role is limited to site remediation, ensuring that any future redevelopment is

pursued with sustainability and resilience at its core. Once grant conditions are met, ownership will revert back to the City.

Tolson and Northwest Street Parks | The City of Annapolis, in partnership with the Resilience Authority seeks to achieve water quality improvements and increased public water access for residents through restored and expanded natural areas. This project is able to address numerous program priorities, goals, and objectives because it focuses on two urban tributaries of the Severn River that are major sources of urban runoff and shoreline erosion. These projects also fill a critical gap connecting communities to public water access, allowing for a deeper connection between residents and the rich history of these creeks.

Waterworks Resilience Park | The City of Annapolis, in partnership with the Resilience Authority, seeks to create new and refurbished environmental, recreational, and community amenities at the existing Waterworks Park located at 260 Defense Highway, Annapolis, Maryland 21401. The Resilience Authority served as a technical consultant and led a solicitation and review process for the City from entities that can clearly demonstrate their ability to assess, finance, maintain, and conduct high-quality operations with regard to climate resiliency and environmental responsibility in order to develop the first sustainable and resilient Waterworks Park in the region (the “Waterworks Resilience Park”)

Whole Watershed: KeyPoint Giant SWM | Severn River Association received Whole Watershed funding to build stormwater bioretention facilities at the Key Point parking lot near Giant on Bay Ridge Road. The bioretention facilities manage previously unmitigated stormwater negatively impacts local waterways, bringing sediment and toxics from parking lots and roadways, increasing stream temperatures, and negatively impacting habitat, water quality and stream corridor resilience. The practices most directly address water

quality through enhanced retention time and flow management; climate resilience through enhanced flood mitigation and ability to sustain increased storm events; and public health by increasing vegetation and reducing flood events that negatively impact roadways and housing.

Whole Watershed: Wardour Community SWM | Severn River Association received Whole Watershed funding to address stormwater management on community-owned land. A stormwater step pool conveyance and swale manage previously unmitigated stormwater negatively impacts local waterways, bringing sediment and toxics from parking lots and roadways, increasing stream temperatures, and negatively impacting habitat, water quality and stream corridor resilience. The practices most directly address water quality through enhanced retention time and flow management; climate resilience through enhanced flood mitigation and ability to sustain increased storm events; and public health by increasing vegetation and reducing flood events that negatively impact roadways and housing.

Whole Watershed: Truxton Cove SWM | Spa Creek Conservancy received Whole Watershed funding to address stormwater management in the Truxton Cove community. A submerged gravel wetland and bioretention facility will manage previously unmitigated stormwater negatively impacts local waterways, bringing sediment and toxics from parking lots and roadways, increasing stream temperatures, and negatively impacting habitat, water quality and stream corridor resilience. The practices most directly address water quality through enhanced retention time and flow management; climate resilience through enhanced flood mitigation and ability to sustain increased storm events; and public health by increasing vegetation and reducing flood events that negatively impact roadways and housing.

Whole Watershed: Brewer’s Hill Cemetery SPSC | The City of Annapolis received Whole Watershed funds to establish five

hundred feet of new step pool stormwater conveyance via a series of weirs and pools within the degrading stream bed in the Brewer's Hill Cemetery on West Street. The City collaborated with cemetery representatives to develop a project to address existing stream erosion without requiring excavation or encroachment to existing grave areas. The Resilience Authority is supporting the construction bid and oversight of the project implementation.

Whole Watershed: Merryman Stream Restoration | Following sewer rehabilitation, the City of Annapolis received Whole Watershed funds to restore approximately 490 linear feet of stream valley along a tributary to Spa Creek near Merryman Road and inspect and line the aging sanitary sewer infrastructure located in the valley. The restoration will cost-effectively improve water quality by reducing erosion and sediment at the headwaters of Spa Creek and protect adjacent vital infrastructure for failures by stabilizing the channel. Additional benefits include enhanced aquatic and riparian habitats, stormwater management, and localized flood mitigation for adjacent communities.

Whole Watershed: Oyster Recovery Build A Reef | Oyster Recovery Partnership received Whole Watershed funds to restore the Bay's native oyster population through building sanctuary reefs, rebuilding public fishery reefs, supporting the aquaculture (oyster farming) industry, recycling oyster shell, involving stakeholders in the restoration planning process, and getting the public involved through hands-on volunteering and events.

Whole Watershed: Rideout Creek Gully Stabilization | Severn Riverkeeper received Whole Watershed funds to construct a 238 linear foot regenerative stormwater conveyance, 0.48 acres of wetland creation and plant 157 trees. The practice most directly addresses water quality through enhanced retention time and flow management;

climate resilience through enhanced flood mitigation and ability to sustain increased storm events; and public health by increasing vegetation and reducing flood events that negatively impact roadways and housing.

Anne Arundel County

Jonas and Anne Catharine Green Park | This innovative project seeks to build up the park's resiliency to erosion and other climate and weather-related impacts. The coastal restoration project will utilize vegetated headlands which mimic naturally occurring coastal processes found on the shores of the Severn River. The benefits of implementing this project will be to reduce the erosion rate, protect existing beach and shallow water habitat, and protect the walking paths along the shoreline.

Beverly-Triton Nature Park and Beach | The purpose of this project is to design and construct shoreline restoration and improvements within the 342 acre Beverly-Triton Nature Park necessary to prevent the loss of the County's investment in waterfront property. The project seeks to build up the park's resiliency to erosion and other climate and weather-related impacts. The coastal restoration project will use breakwaters and beach restoration to dissipate wave energy and stabilize the existing shoreline.

Chestnut Hill Cove Community Flooding | Tidal and non-tidal flooding has resulted in the degradation of coastal habitat and shoreline stability threatening the Chestnut Hill Cove Community. The project tied into emergency repairs completed by Anne Arundel County and Baltimore Gas and Electric, and mitigation completed by a commercial developer. Phase III of this project was completed in 2025, using a combination of state and federal funds.

Columbia Beach Community Flooding | The project implements a comprehensive, sustainable, and environmentally resilient upgrade of the stormwater conveyance system in the historically Black community of Columbia Beach, Maryland, and provides a mitigation model suitable for similar communities. The project prioritizes efficient mechanisms to remove stormwater from roads and community property, transfer stormwater and runoff to new or existing holding/infiltration devices, and improve water quality before discharge into the Chesapeake Bay.

Edgewater Recreation and Community Center | The project will transform a vacant, five-acre site formerly home to a Giant Food store into the Edgewater Recreation and Community Center—a modern hub for recreation, education, and environmental resilience. The center will offer modern amenities, multi-purpose spaces, and innovative programming to support recreation, education, and environmental stewardship.

EV Charging Infrastructure | The Resilience Authority will support the County in the installation of Electric Vehicle Charging Stations and services. In 2020, Anne Arundel County Government committed to the immediate replacement of conventional vehicles with more efficient models where possible, and began a long-range planning effort to identify the infrastructure, maintenance, and personnel needed to convert the fleet to all-electric vehicles within the next 15 years. The fleet will be gradually converted as vehicles are replaced with hybrid, plug-in electric, and all-electric models. By 2032, all non-emergency light and medium-duty vehicles purchased must be all-electric models, and by 2037, all light and medium-duty emergency vehicles purchased must be all-electric models.

Galesville Community Resilience Initiative | This project seeks to develop a community-led ecological restoration project that will: (a) connect at-risk shoreline points via a

shrub, vegetation, and boulder stormwater filtration system; (b) add shoreline to protect against flooding; (c) install green stormwater management infrastructure to protect Galesville's Main Street Corridor and the Ebenezer African Methodist Episcopal Church and its adjacent cemetery; and (d) develop a walkway that facilitates waterfront access for all. This Master Plan will integrate existing stormwater infrastructure with new treatment practices, such as decentralized bio-retention and bio swales well-suited for integration into the Main Street corridor, helping to address runoff discharge. A living shoreline with sand and nature-based beach features will help deter flooding. Reduced sedimentation will create more suitable habitat for oysters and submerged aquatic vegetation and highly valuable nursery and foraging grounds for key Chesapeake species.

Glen Burnie Town Center Resilience Project | This innovative project envisions transforming the “heart” of Glen Burnie, physically centered around Glen Burnie Town Center, into a vibrant, resilient, sustainable hub for the community, benefiting both the environment and the local residents. The GBTC revitalization will create new green public amenities that can be accessed and enjoyed by all members of the community. The project will prepare for and address climate change by mitigating urban heat islands and reducing air and water pollution, leveraging nature-based solutions like permeable pavements, green infrastructure, and native planting to ensure long-term environmental sustainability. The revitalized GBTC will become a destination with more walkable, sittable, green spaces that encourage community connection, support local commerce, and promote physical and mental health.

Jabez Branch Coastal Resilience Project | The project was successfully completed in 2024, marking a major milestone in the restoration of one of Anne Arundel County's most degraded waterways. Delivered through a partnership among Anne Arundel County, the Maryland Department of Natural

Resources, the Resilience Authority of Annapolis and Anne Arundel County, the National Fish and Wildlife Foundation, and the Severn Riverkeeper, the project stabilized the stream channel, reconnected the floodplain, expanded wetlands, and reduced sediment pollution entering the Severn River. Funded with approximately \$8.1 million from the Maryland Department of Natural Resources and additional support from the National Fish and Wildlife Foundation, the project demonstrates how coordinated investment in natural infrastructure can improve water quality, restore habitat, and strengthen long-term climate resilience for local communities.

Quiet Waters Resilience Assessment | Projects will be identified, designed and constructed to build up the park's resiliency to erosion and other climate and weather-related impacts. Following an assessment of the park to prioritize areas in most need of restoration, the coastal restoration projects will prioritize designs that will dissipate wave energy, stabilize the existing shoreline and create and enhance a mosaic of estuarine habitats, including tidal marsh, upland wetland, beach strand, and submerged aquatic vegetation habitat.

Severn River Private Shoreline Restoration | The pilot projects implement nature-based shoreline erosion mitigation measures to combat erosion and soften the shoreline at two private shorelines on the Severn River. These projects will be funded 50/50 between a grant from the Maryland Department of Natural Resources through the Chesapeake and Atlantic Coastal Bays Trust Fund and funding from the private property owners. The projects will serve as a pilot for the Resilience Authority's public-private partnership (P3) for private shorelines in Anne Arundel County, which comprise more than ¾ of the 500+ miles of shoreline in the County.

South County Resilience Initiative | This project seeks to enhance the coastal resilience and environmental benefits for

the South County shoreline through beneficial use of dredged material from South County channels. Furthermore, it is anticipated that construction of the sites will result in an approximate 25 percent cost savings over the traditional method of dredged material placement. These concepts will preserve upland DMP Site capacity while reducing overall dredging program cost. It is anticipated that the projects will qualify for funding through the DNR Waterway Improvements Program (WIP).

Regional Projects

Climate Pollution Reduction Grant/Baltimore MSA | This work will leverage the Baltimore Regional Climate Pollution Reduction Grant in which a partnership with Baltimore Metropolitan Council secured a \$1M EPA Grant to develop a shared plan for moving the region forward in addressing harmful greenhouse gas emissions. A Regional Greenhouse Gas Inventory and a Priority Climate Action Plan (PCAP) have been completed and the partnership is working on a larger Comprehensive Climate Action Plan (CCAP) and project portfolio. The GHG inventory provides the County with a baseline for project selection and evaluation.

Climate Change and Sustainability Study Tour | Funded by the Resilience Authority of Annapolis and Anne Arundel County through \$75,000 in grants from the MHE and Denker Foundations, this week-long Study Tour brought regional leaders together to engage with global experts and examine successful sustainability models firsthand. Sweden, a recognized leader in climate action, is on track to achieve carbon neutrality by 2040, driven by progressive public policies and innovative market strategies.

Resilience Study Tour | Funded by the Resilience Authority of Annapolis and Anne Arundel County through grants from the Denker Foundation and the Baltimore Metropolitan

Council, City of Annapolis leaders—joined by county and state officials—traveled to the Netherlands on a fact-finding mission. The purpose of the visit was to study innovative Dutch approaches to resilience infrastructure, flood mitigation strategies, and sustainable transportation systems. Insights gained from this international exchange will inform local efforts to strengthen Annapolis’s ability to adapt to the growing impacts of climate change.

Water Level Rise Sensors | The new water level monitoring project will bring better monitoring and data collection to help protect coastal communities from the impacts of flooding. The new water level sensors, grant-funded through the University of Maryland, will be part of a larger resilience strategy in places around the county. The data collected will track and measure flooding to inform emergency management on broad resilience strategies.

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