

RESILIENCE AUTHORITY

Annapolis and Anne Arundel County

The Resilience Authority of Annapolis and Anne Arundel Co, Inc. *January 2024 Principles and Board of Directors Quarterly Meeting Packet*

Teresa Sutherland, Certified
Public Accountant
Board Chair

Nate Betnum, Financial
Consultant
Board Vice Chair

Jared Littmann, Owner of
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Board Treasurer

Vince Leggett, Founder,
Blacks of the Chesapeake
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Jamie Benoit, Chairman and
CEO, Information Analysis,
Inc.

Veronique Bugnion, CEO of
Clearly Energy, Inc.

Emily Clifton, Associate
Executive Director, Low
Impact Development Center

Mariah Davis, Senior
Manager, Choose Clean
Water Coalition/National
Wildlife Federation

Stacy Schaeffer, Director
Charles Co Resilience
Authority

Mike Sewell, Safety Director,
Ernest Maier, Inc.

Date: January 17, 2024

TO: Principals and Board of Directors

FROM: Matthew Fleming, Executive Director

SUBJECT: Meeting Materials - January 25th, Board Meeting

The Resilience Authority of Annapolis and Anne Arundel County Board of Directors will meet **Thursday, January 25th from 5 to 7 pm Heritage Complex 2666 4 Heritage Training Room, Riva Road Annapolis, MD 21401.** You should be able to go right up to the Training Room but if you arrive late or are waiting long please call/text me at 443.370.6051.

Attached is a meeting agenda and supporting materials. If you have any questions, please do not hesitate to contact me at 443.370.6951 or by email at matthew.fleming@aacounty.org.

Matt

RESILIENCE AUTHORITY

Annapolis and Anne Arundel County

Annapolis and Anne Arundel County Resilience Authority

Board of Directors Meeting

Thursday, January 25 · 5:00 – 7:00 pm

[Heritage-Complex-2666-4-Heritage Training Room](#)

Riva Road

Annapolis, MD 21401

5:00PM **Getting Started: Order of the Day and Introductions:** Welcome remarks given by the Chair and Director. *(Teresa Sutherland, Chair & Matt Fleming, Director)*

5:10PM **The Chair's Corner:** This is time set aside at every meeting to hear directly from the Board Chair on recent administrative activities. Topics of this meeting may include appointment status, private letter ruling, annual report, and approval of October meeting minutes. *(Teresa Sutherland, Chair)*

Materials

- [Annual Report](#) (provided for awareness)
- [October 2023 Meetings](#) (prepared for decision)
- [Private Letter Ruling Request 12/14/23](#) (prepared for discussion)
- [Board of Directors Composition and Terms](#) (provided for awareness)
- [Draft Virtual Meeting Policy](#) (prepared for discussion)

5:30PM **Treasurer's Report:** This is time set aside at every meeting to hear directly from the Board Treasurer on the current financial state of the organization. Discussion of the internal controls and financial accountability of the Resilience Authority and update on the Resilience Authority's Investment Policy. In addition, the Board of Directors will receive the independent audit for the six month period of FY2023 and will be asked to accept the auditor's report and letter to management. *(Jared Littmann, Treasurer and William Seymour, SB & Company, Inc).*

Materials

- [Presentation to Governance](#) (prepared for discussion)
- [Audited FY23 Financial Statements with Reports](#) (prepared for decision)
- [RA Budget 3rd Quarter](#) (prepared for decision)
- Investment Policy (prepared for decision)

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6:00PM **Stakeholder Engagement:** Update on the performance management framework and impact metrics (environmental, economic, and social) and other tools that have been developed to measure success, share success stories with the community, and inform the prioritization of future projects. Discussion of planned framework and decision support tools will be presented to the Board for feedback and approval. *(Michelle Cullen, Council Fire and Matt Fleming, Resilience Authority)*

Materials

- [Performance Management Framework PPT](#) (prepared for decision)

6:20PM **Building a Community Wealth Fund ~ Putting Assets to Work:** Building on the Putting Assets to Work Incubator initiative, and in close partnership with Anne Arundel County and the City of Annapolis, the Resilience Authority seeks to develop the nation's first Community Wealth Fund (CWF) for financing resilience-based infrastructure and programs benefiting community residents and businesses. Discussion of planned approach and initial phase of work will be presented to the Board for feedback and consideration. *(Kyle Gray and Dan Nees, Throwe Environmental).*

- [Draft Action Plan](#) (prepared for decision)
- [Putting Assets to Work Playbook](#) (provided as background)

6:40PM **New Business and Public Comment:** Opportunity for public comment, input from the Advisory Committee Members, and Board Member discussion.

6:55PM **Wrap Up and Next Steps:** Follow-up items requiring actions by Board or Director will be summarized, a proposed timeline for the next meeting will be discussed followed by a close out. *(Teresa Sutherland, Chair)*

7:00PM **Meeting Concludes**
Next Meeting: April 18th, 2024

The Resilience Authority quarterly meeting agendas are developed to address issues challenging the region. Topics selected are influenced by availability of science, community interest, timing and opportunity. We welcome your input on posted agendas or as topics for upcoming meetings. If your suggestion is relevant to a posted agenda topic, please submit your comment in writing one week prior to the meeting. To submit your comment, please email matthew.fleming@aacounty.org. Part of the meeting may be closed to the public in accordance with the Open Meetings Act procedures.

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News and Notes:

Looking Within:

- [Board Member Jared Littmann](#)
- [Jabez Branch Coastal Floodplain Restoration Project](#)
- [EV RFP Released](#)
- [National Coastal Resilience Funds Announced](#) (RA Received 2 Awards)
- [Officials to Travel to the Netherlands On Resiliency Study Tour](#)

Looking Around:

- [Report from the Association of State and Territorial Health Officials \(ASTHO\)](#) on "Implementing Health in All Policies in the Climate Space".
- National Public Radio: [How Climate Change Affects Your Life in Three Major Ways](#)
- The [Fifth National Climate Assessment](#) is the US Government's preeminent report on climate change impacts, risks, and responses. It is a congressionally mandated interagency effort that provides the scientific foundation to support informed decision-making across the United States. For the international perspective, read the Intergovernmental Panel on Climate Change's [\(IPCC\) latest report](#).

Decisions for Next Board Meeting:

- [Receive the FY23 independent audit](#)
- [Approval of the Performance Management Framework](#)
- [Approval of the Draft Community Wealth Fund Action Framework](#)
- [Approve October Minutes](#)
- [Approval of the 3rd Quarter Budget](#)

Contracts and Services:

FY2023

Smith & Downey: Renewal to which Smith & Downey, P.A. ("Smith & Downey") will continue to represent the Resilience Authority of Annapolis and Anne Arundel County in connection with Board, operational, tax, and related legal issues as they arise. Through this agreement, Smith & Downey will provide legal services

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to the Resilience Authority, with respect to any matter as requested by the Resilience Authority. Initially, the Resilience Authority has authorized Smith & Downey fees for services in an amount not to exceed \$25,000. This contract authorizes Smith & Downey fees for services in an additional amount not to exceed \$25,000.

Amount: \$25,000

Status: Completed.

The Hatcher Group: To develop messaging, create a fact sheet, and refine the current logo. As a new organization, the time is right to develop thoughtful messaging and materials about the Resilience Authority's work to protect public and private infrastructure from the severe weather events we are facing.

Amount: \$12,940

Status: Completed

Throwe Environmental, Inc: Assist the Resilience Authority to secure new, sustainable, and scalable revenue streams. While the scale of the Authority's revenue pool and access to capital will be foundational to its success, equally important will be the composition of the Authority's revenue resources. Therefore, much of Throwe's continuing work with the Authority will focus on expanding and implementing its revenue planning processes, both in the short and long term.

Amount: \$100,000

Status: Active

Alta, CPA: Support for accounting and finance needs to complete the following tasks: Review of current systems and processes; All bookkeeping and accounting tasks; Monthly reconciliations of bank, credit cards, and loan accounts; Preparing journal entries as necessary; Tracking restricted grant and tax revenues; Monthly reconciliations of the profit and loss statement, balance sheet and cash flow statement; Serve as financial audit point of contact, draft audit schedules, answer auditor questions; Support with grant reporting as requested; Provide recommendations for online accounts payable vendors.

Amount: Based on hourly service.

Status: Canceled

Council Fire: Through this agreement, Council Fire will work with the Authority team to provide leadership, project management, grant support, and stakeholder engagement to assist the organization in the successful pursuit of its mission. Council Fire stands ready to define and execute the tasks outlined in this scope in an on-demand and iterative manner, promptly responding to the evolving needs and requests of the Authority. As needs arise, the prioritization and specifics of each task will be defined and prioritized, and then executed on a time-and-materials basis in accordance with the Billing Rates.

Amount: \$24,000

Status: Completed

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Yanik Parker: Through this agreement, the contractor will work with the Resilience Authority to provide note taking and scribe services for meetings of the Board of Directors of the Authority in Calendar Year 2023.

Amount: Based on hourly service not to exceed \$1,000

Status: Completed

SB & Company: For the audit of the financial statements of the governmental activities and major funds of the Resilience Authority of Annapolis and Anne Arundel County, Inc. (the Authority), a component unit of Anne Arundel County, Maryland, as of June 30, 2023, and for the six-month period ended December 31, 2023, and the related notes to the financial statements, which collectively comprise the Authority's basic financial statements as listed in the table of contents.

Amount: \$2000

Status: Completed

FY2024

Council Fire: Council Fire will support the Resilience Authority of Annapolis and Anne Arundel County by providing on-demand, as-requested services to promptly respond to the evolving needs of the Authority. These services will include, at a minimum, Project Management, Program Development, Grant Support, and Stakeholder Engagement. As needs arise, the prioritization and specifics of each service will be further defined, prioritized, and executed on a time-and-materials basis in accordance with Council Fire's applicable billing rates.

Amount: \$75,000

Status: Completed

Underwood and Associates: The Contractor will construct the Jabez Branch – Tributary 3 Stream-Wetland Complex Restoration Project in accordance with the plans dated July 7, 2023. The Contractor will establish and maintain the required sediment and erosion control practices and adhere to the requirements of all applicable permits and regulations. Following construction, the Contractor will install plants in accordance with the approved planting plan.

Amount: \$7,954,505.46

Status: Active

Projects and Awards:

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Jabez Branch: This project is located in Millersville, Anne Arundel County on Tributary 3 of Jabez Branch; headwaters of the Severn River. The goals of this project are to return hydrologic, hydraulic, geomorphologic, and physiochemical functions to the degraded stream and wetland habitat, provide resiliency up to the 100 year storm, and minimize impacts to existing natural resources. To achieve these goals, a modified Regenerative Stream Channel (RSC) design is proposed. The proposed project will fill the existing deeply incised channel with native sands, gravels, and woodchips to return the streambed to the floodplain and install a series of riffles and pools to decrease stream energy and safely convey larger storms. In total, the project will restore 2,600 linear feet of incised stream, enhance up to 2.6 acres of existing wetlands, and create/restore an additional 2.7 acres of new wetlands.

Amount: \$8,919,506.00

Revenue Source: State of Maryland

Status: Construction

Chestnut Hill Cove: Tidal and non tidal flooding has resulted in the degradation of coastal habitat and shoreline stability threatening the Chestnut Hill Cove Community. High impact storm events and stormwater flowing from industrial areas have resulted in the loss of stream stability, community flooding and untreated non point source and sediment pollution flowing into Nabbs Creek and eventually the Chesapeake Bay. Additionally, segments of the Chestnut Hill Cove shoreline have experienced severe erosion resulting in slope failures, the loss of shoreline buffers, sedimentation of the creek and loss of habitat. The project will tie into emergency repairs completed by Anne Arundel County and Baltimore Gas and Electric, and mitigation completed by a commercial developer. Phase I and Phase II were completed at a cost to Anne Arundel County and BGE of \$349,649.95 and to the developer of \$563,210.00.

Amount: \$3,356,790 (NEW)

Revenue Source: State of Maryland and National Fish and Wildlife Foundation

Status: Awarded

Anne Arundel County EV Infrastructure: For the installation of Electric Vehicle Charging Stations and services including but not limited to: furnish and install charging stations, electrical services, transformers, utility poles, panels, breakers, disconnects, conduit, conductors, concrete pads and footings, mounting hardware, safety bollards, new pavement, sidewalk replacement, curbs and landscaping. Wired/wireless network capability.

Amount: \$7.0M (Applied for an additional award of \$500,000)

Revenue Source: Anne Arundel County CIP

Status: Awarded

Elktonia/Carrs Beach: Coastal shoreline restoration and stormwater management at the historic Carr's Beach property. 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. Carrs Beach is a publicly owned piece of property and historical site where Black Marylanders gathered in the 1930s through the 1960s for concerts by world-renowned artists, cultural events, and family outings.

Amount: \$1.605M (Applied for an additional award of \$1.5M)

Revenue Source: FY23 Federal Earmark via City of Annapolis

Status: Awarded

Anne Arundel County River Days: River Days is an initiative to provide water access opportunities for residents through recreational and educational events on Anne Arundel County Rivers. Target audience is underserved communities (families) without water access or availability. The Department of Transportation will provide shuttles at Parole, Tyler Heights, Georgetown East Elementary Schools and Annapolis Middle School four nearby school locations to/from the event to make it more convenient for families to attend. The Resilience Authority received a grant to support a festival with activities to include environmental, educational and messaging related to its mission.

Amount: \$10,650.

Revenue Source: Anne Arundel County

Status: Closed

The Annapolis Maritime Resilience Initiative (AMRI): The 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. Moreover, we aim to demonstrate community-scale strategies that are planned and executed with equity in mind, actively seeking and validating the needs of higher-vulnerability individuals and groups which face historic and current structural barriers to adaptation and thus possess fewer resources to prepare for climate disruption. In this application, the Resilience Authority of Annapolis and Anne Arundel County (The Authority) working in partnership with the City of Annapolis (The City), GreenVest, and Council Fire, hereafter the AMRI Team, seeks funding for the site assessment and preliminary design of AMRI Phase I, which encompasses the peninsula community of Eastport as well as the Back Creek waterfront and watershed.

Seeking: \$819,000

Revenue Source: National Coastal Resilience Fund (NOAA)

Status: Awarded (NEW)

Climate Pollution Reduction Grant: The Resilience Authority is working with the seven local jurisdictions of the Baltimore-Columbia-Towson Metropolitan Statistical Area and the Baltimore Metropolitan Council in an effort to develop a shared plan for moving the region forward in addressing harmful greenhouse gas emissions. This shared effort will consist of a Regional Greenhouse Gas Inventory, a Priority Climate Action Plan (PCAP), a Comprehensive Climate Action Plan (CCAP), and a Status Report after 4 years. If awarded, the regional plan will positively impact future implementation dollars.

Seeking: \$1.0M

Revenue Source: Climate Pollution Reduction Grant (EPA)

Status: Awarded (NEW)

Denker Foundation: Private donation to support the City of Annapolis/Anne Arundel County/State of Maryland study mission to the Netherlands to address biking and flood-prevention measures.

Seeking: \$25,000

Revenue Source: Private donation

Status: Awarded (NEW)

Baltimore Metropolitan Council: Private donation to support the City of Annapolis/Anne Arundel County/State of Maryland study mission to the Netherlands to address biking and flood-prevention measures.

Seeking: \$1,000

Revenue Source: Private donation

Status: Awarded (NEW)

Pending and Exploring:

Elktonia/Carrs Beach: Coastal shoreline restoration and stormwater management at the historic Carr's Beach property. 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. Carrs Beach is a publicly owned piece of property and historical site where Black Marylanders gathered in the 1930s through the 1960s for concerts by world-renowned artists, cultural events, and family outings.

Seeking: \$1.5M

Revenue Source: NOAA

Status: Pending

Jones Green Park: Anne Catharine Green Park is nestled beneath the shadow of the United States Naval Academy Bridge on MD RT 450 just outside the City of Annapolis, Maryland. This innovative project seeks to build up the park's resiliency to erosion and other climate and weather-related impacts. Other co-benefits

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of the project include stormwater management, water quality, public access and recreational opportunities for a diverse community that uses the park.

Seeking: \$1.5M

Revenue Source: NOAA

Status: Pending

The Glen Burnie Town Center Urban Resilience Project. The GBTC is an urban design plan that describes and illustrates the potential revitalization of multiple blocks in the historic heart of Glen Burnie's Town Center. The vision for the GBTC plaza is to make the space more inviting by minimizing hardscape and directing movement through the plaza. Plans include increasing resiliency by reducing hard surface and incorporating trees, stormwater management and more permanent plantings.

Seeking: \$2.0M

Revenue Source: FY24 Federal Earmark/EPA

Status: Pending

South County Coastal Resilience Initiative: In January 2021, the Anne Arundel County Department of Public Works (DPW) developed a feasibility assessment for the beneficial use of dredged sediment in waterways located in southern Anne Arundel County (South County) to improve the coastal resiliency and provide environmental uplift for coastal communities. Currently, maintenance dredging occurs every few years in multiple waterways to allow proper depth for boater safety and the dredged material is placed in a nearby Dredged Material Placement (DMP) Site, an upland sediment placement area with little environmental benefit. By diverting dredged material to vulnerable wetlands instead of DMP Sites, these wetlands can be protected from the effects of Sea Level Rise (SLR) and larger waves and storm surges, increasing the coastal resiliency of both the natural area and infrastructure landward of the wetlands. An added benefit is that dredging channels are easier and less expensive to maintain when a placement site is in close proximity to the dredging channels. The Resilience Authority is working with the Project Team to develop a regional pilot for coastal rehabilitation.

Seeking: +/- \$53M

Revenue Source: NOAA/State of Maryland

Status: Pending

Baltimore Regional Resilience Roadmap (R3): The Baltimore R3 project will use a regional lens to understand system and user vulnerabilities to climate change and identify and prioritize resilience strategies. This will be accomplished through a Promoting Resilient Operations for Transformative, Efficient, and Cost- Saving Transportation (PROTECT) Planning Grant funding to develop a Transportation Resilience Improvement Plan for the region and perform revenue mapping to support fiscal sustainability and implementation capacity. Work will be performed in two phases, with a preliminary task to develop a

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Stakeholder Engagement Plan that will be implemented throughout the project. The planning grant will open us up to larger implementation dollars once complete.

Seeking: \$1,302,650

Revenue Source: DOT PROTECT Program

Status: Pending

Maryland Solar for All: Working with the Maryland Clean Energy Center (MCEC) in partnership with industry, state and local governments, not-for-profit organizations, and academia in Maryland, seeking funding through the Solar for All Greenhouse Gas Reduction Fund opportunity. The strategic collaboration with MCEC exemplifies our dedication to forging partnerships that drive environmental stewardship and enable entities to effectively manage and curtail energy-related costs especially in low-income and disadvantaged communities. If funded by the Solar for All grant, the Resilience Authority will serve as local project manager for projects intended to be located on properties within Anne Arundel County funded through the Solar For All grant program and be responsible for all necessary reporting to MCEC. *The Maryland Solar for All application supports the overarching goals of:* 1) Reducing emissions of greenhouse gasses and other air pollutants; 2) Delivering benefits of greenhouse gas-and air pollution-reducing projects to American communities, particularly low-income and disadvantaged communities; 3) Mobilizing financing and private capital to stimulate additional deployment of greenhouse gas- and air pollution-reducing projects and; 4) Enabling low-income and disadvantaged communities to deploy or benefit from solar technologies.

Seeking: \$100 Million

Revenue Source: EPA Solar for All Grant

Status: Pending

The Severn River BluePrint: Through this proposal a multi-layered partnership - including the Maryland Department of Natural Resources, Anne Arundel County, the City of Annapolis and the Severn River Association (the oldest river conservation group in the country) - requests \$9,332,092 and will commit \$609,251 in non-federal matching funds and leverage in the amount of \$5,421,800 to embrace and apply the recommendations of the CESR Report to the Severn River watershed with the expectation that, if successful, the framework can be replicated elsewhere to accelerate large scale ecosystem restoration across the Chesapeake Bay region.

Seeking: \$9.33 Million

Revenue Source: NOAA

Status: Pending (NEW)

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Historic Whitehall Manor Shoreline Restoration: Through this proposal, a partnership with the Brandywine Foundation will restore the eroded shoreline at Whitehall Manor. This partnership requests \$3,257,744 to embrace and apply the recommendations of the CESR Report to restore the shoreline at Whitehall Manor with the hope that the property will be chosen for inclusion in the National Parks System's proposed Chesapeake National Recreation Area.

Seeking: \$3.25 Million

Revenue Source: DNR

Status: Pending (NEW)

Public-Private Partnership (P3) in Anne Arundel County: Through this proposal, a public-private partnership has been formed with two (2) private shoreline owners in Anne Arundel County to fund the construction of living shorelines that will improve water quality and shallow-water habitat in the Severn River watershed. This proposal requests \$1,273,246 in funding from the Maryland Department of Natural Resources Chesapeake and Coastal Grants Gateway. The private partners will commit \$1,138,588 in matching funds. If successful, the framework can be replicated elsewhere to accelerate ecosystem restoration through P3s across the Chesapeake Bay region.

Seeking: \$1.27 Million

Revenue Source: DNR

Status: Pending (NEW)

Prepared by Matt Fleming on 01/22/24.

Accepted on _____