



DEPARTMENT OF
**PUBLIC
UTILITIES**

CRS Activity 510 Progress Report on Implementation of Credited Plan

Date this Report was Prepared: July 22, 2022

Name of Community: City of Richmond

Name of Plan: Hazard Mitigation Plan

Date of Adoption of Plan: December 11, 2017

5 Year CRS Expiration Date: April 22, 2027

This annual report was prepared to show the progress of the implementations of mitigation actions in the 2017 Hazard Mitigation Plan (2017 HMP) in order to obtain the required credit for Activity 510 of the Community Rating System (CRS) to continue to be eligible for Community Rating System (CRS) Credits. The report must be submitted to the governing body and released to the media.

1. How can a copy of the original plan or area analysis report be obtained?

A copy of the plans or area analysis report can be obtained from the following link:

<https://richmondva.legistar.com/LegislationDetail.aspx?ID=3212350&GUID=14F54138-6024-45AD-BCE8-5CF640DD6DAF&Options=ID|Text|&Search=hazard+mitigation>

2. Describe how this evaluation report was prepared and how it was submitted to the governing body, released to the media, and made available to the public:

The plan was prepared by a Hazard Mitigation Technical Advisory Committee (HMTAC) with the assistance from Dewberry. The HMTAC was formed by the staff of various localities including City of Richmond's and surrounding cities and counties'. During the HMTAC meetings in 2016 and 2017, the 2017 – 2022 mitigation actions were created and finalized. The draft of the plan was published to various media and in three public meetings for public comments and then the final draft was submitted to VDEM and FEMA for review. After the plan was approved by VDEM and FEMA, it was then presented to the City Council for adoption. The City of Richmond adopted the plans in 2017 and the plans are available through the above link (the City's legislation website).

3. Provide a description of the implementation of each recommendation or action item in the action plan or area analysis report, including a statement on how the project was implemented or not implemented during the previous year.

Action	Responsible Department	2022 Implementation Status
Action 1: Add additional emergency management staff.	Emergency Management	Incomplete due to funding.
Action 2: Continue implementation of the "Turn Around, Don't Drown" public education campaign. Install additional warning signs and buoys at Bosher Dam.	Department of Public Works & Department of Public Utilities	Ongoing implementation. Additional signs are being ordered by the Stormwater Utility Maintenance Department.

Action	Responsible Department	2022 Implementation Status
Action 3: Request list from VDEM or VA DCR and conduct annual review of RL and SRL property list to ensure accuracy. Review will include verification of the geographic location of each RL property and determination if mitigated and by what means. Provide corrections if needed by filing form FEMA AW-501.	Department of Public Utilities	Ongoing implementation that is completed annually.
Action 4: Pursue a higher Community Rating System rating to increase premium savings for flood insurance holders.	Department of Public Utilities	Incomplete due to staffing and funding issues.
Action 5: Continue to enforce zoning and building codes, with emphasis on floodplain management.	Planning and Development Review & Department of Public Utilities	Ongoing.
Action 6: Continue to improve real-time data about flood depths.	Emergency Management	Incomplete due to staffing and funding issues.
Action 7: Distribute brochures and use other means to educate the public regarding preparedness and mitigation. Conduct annual preparedness days for hazards to include floods, wind, and earthquakes.	Emergency Management	Ongoing

Action	Responsible Department	2022 Implementation Status
Action 8: Encourage purchase of NOAA radios by citizens. Provide NOAA weather radios to public facilities.	Emergency Management	Ongoing
Action 9: Identify training opportunities for staff to enhance ability to use GIS for emergency management needs.	Emergency Management	Incomplete due to funding.
Action 10: Investigate all primary and secondary schools to evaluate their resistance to all natural hazards in coordination with school system emergency planner.	Emergency Management & Richmond Public Schools	Ongoing
Action 11: Support mitigation projects that will result in protection of public or private property from natural hazards. Eligible projects include but are not limited to: 1. acquisition of floodprone property 2. elevation of floodprone structures 3. minor structural flood control projects 4. relocation of structures from hazard prone areas 5. retrofitting of existing buildings, facilities and infrastructure 6. retrofitting of existing buildings and facilities for shelters 7. critical infrastructure protection measures 8. stormwater management improvements 9. advanced warning systems and hazard gauging systems (weather radios, reverse-911, stream gauges, I-flows) 10. targeted hazard education 11. wastewater and water supply system hardening and mitigation.	Emergency Management	Ongoing. In 2022, Department of Public Utilities has secured \$ 1.25 millions of Virginia Communities Flood Preparedness Fund that will be used for development projects to reduce localized repetitive flooding and improve connectivity and conveyance of stormwater throughout the McGuire, Chapel Drive and Hopkins Road neighborhoods, survey of the levees, and floodplain project management.
Action 12: Identify and target an outreach program to businesses (particularly those with hazardous materials stored on site) to discuss hazards and mitigation alternatives.	Emergency Management & Richmond Fire and Emergency Services	Ongoing

Action	Responsible Department	2022 Implementation Status
Action 13: Investigate redundant power for identified critical facilities.	Emergency Management & Department of Public Utilities	Ongoing
Action 14: Expand capability to provide community "human needs" centers during and after an emergency or disaster to include clothes washing trucks, electronic device charging stations, shower facilities, etc.	Emergency Management	Ongoing
Action 15: Integrate mitigation plan requirements and actions into other appropriate planning mechanisms such as comprehensive plans and capital improvement plans.	Emergency Management	Ongoing

4. Discuss why any objectives were not reached or why implementation is behind schedule.

The reasons why some objectives were not reached are available on the Annual Progress report (please refer to answer to number 3 question). Lack of funding is the major issue.

5. What are the recommendations for new projects or revised recommendations?

Only one item was revised in the existing HMP's (hazard mitigation plan) action plans for this year which is: "Continue implementation of the "Turn Around, Don't Drown" public education campaign. Install along Gillis Creek." was revised to "Continue implementation of the "Turn Around, Don't Drown" public education campaign. Install additional warning signs and buoys at Bosher Dam."