

CRS Activity 510

Progress Report on Implementation of Credited Plan

Date this Report was Prepared: January 10, 2020

Name of Community: City of Bismarck, ND

Name of Plan: Bismarck Multi-Hazard Mitigation Plan

Date of Adoption of Plan: May 26, 2015.

5 Year CRS Expiration Date: The Bismarck Multi-Hazard Mitigation Plan (CRS 510 Plan) expires April 30, 2020.

1. Bismarck Multi-Hazard Mitigation Plan Availability:

The 2015 Bismarck Multi-Hazard Mitigation Plan, addressing the flood hazard and other hazards, is available on the city's website located on the Emergency Management "Get Prepared" page at <https://www.bismarcknd.gov/DocumentCenter/View/22621/Bismarck-MHMP-2015-Public?bidId=>

The 2015 Bismarck Multi-Hazard Mitigation Plan is also made available to the public via the City of Bismarck website at www.bismarcknd.gov on the home page within **Services, Flood Resources**. Also, citizens or other interested parties may contact the Bismarck Emergency Management office at 222-6727 to obtain a copy.

2. CRS 510 Progress Report Development and Dissemination:

This CRS Activity 510 flood mitigation progress report (Progress Report) is developed by Gary Stockert, City Emergency Manager (and CRS Program Coordinator) in cooperation with representatives from other city departments including Administration, Community Development, and Public Works. This Progress Report is made available to the city commission, media and general public via news release and media advisory to inform of the CRS Activity 510 progress report agenda item placed on the January 28, 2020 City Commission Meeting. The commission meeting minutes remain available via the city's website within the "Agenda Center" and "Archive Center" permanently. The flood mitigation annual Progress Report is also made available to the public via the City of Bismarck website at www.bismarcknd.gov on the home page within **Services, Flood Resources**. It is also published for a period of time within the **News** on the homepage.

3. Implementation Status of Flood Hazard Mitigation Action Items:

Flood Mitigation Action Items as identified in the 2015 Bismarck Multi-Hazard Mitigation Plan	Status
1. Apply to participate in the National Flood Insurance Program (NFIP) Community Rating System (CRS).	Completed. Approved as Class 8. Effective Date (flood policy insurance reductions) is October 1, 2017.
2. Apex Engineering has been contracted to conduct a preliminary investigation into solutions to reduce urban flooding in south Bismarck in the Expressway and South 12 th Street areas. (current mitigation activity)	Identified infrastructure project solutions were completed in 2017 to reduce flooding in this area. This project addresses those vulnerable areas as identified in the mitigation plan including 12 th street (University Drive to Bismarck Expressway) and Bismarck Expressway from 7 th Street to 12 th Street.
3. Continue Watershed master planning and updating as an on-going mitigation activity conducted jointly by Engineering, Public Works, and Community Development.	Completed and on-going. Annual funds are allocated within the budget (approx. 60K) for continuous updating of the master plan.
4. Develop an Emergency Action Plan for Jackman Coulee Dam #2. (Tom O'Leary Golf Course)	Not yet completed. Contracted with Houston Engineering - Estimated completion of the Emergency Action Plan: early 2020
5. Conduct maintenance activities at Jackman Coulee Dam #2 (Tom O'Leary Golf Course) as recommended by the State Water Commission and/or annual inspections conducted by Bismarck Public Works.	Annual inspections are completed for all outfalls, dam, and ponds related to the Jackman Coulee Dam #2 located at the Tom O'Leary Golf Course.
6. Maintain existing flood protective measures to minimize vulnerability as a result of ice jams as well as 100-year and 500-year flood events. Note: Refers to maps (Figures 1 thru 5) within "existing mitigation"	All flood gate structures are exercised and maintained annually.
<p>Public Education Topics:</p> <p>7. Coordinate and/or support NFIP flood insurance promotional efforts including the availability of flood insurance for community residents and businesses.</p> <p>8. Conduct Flood Mitigation and Preparedness Public Education efforts for local citizens and businesses.</p>	<p>- Flood preparedness and mitigation public education materials are maintained within the city's website as well informational materials available at various locations including the Bismarck Library.</p> <p>Feb 25, 2019: Interview with KX News to promote flood preparedness and awareness of flood insurance options.</p> <p>June 18, 2019: Tuesday Tidbit (via Facebook): Every Season to Prepare (all hazards preparedness)</p> <p>August 19, 2019: Sunrise Elementary Open House – Public Education (all hazards including flood preparedness and insurance options).</p> <p>Oct 22, 2019: Public Meeting – USACE. Garrison Dam Management / flood preparedness.</p> <p>Nov 7, 2019: Interview with KFYP TV to promote flood preparedness and awareness of flood</p>

	<p>insurance options.</p> <p>Dec 16, 2019: City of Bismarck Facebook post promoting NFIP flood insurance and informing of Bismarck's status as a CRS community.</p> <p>Dec 18, 2019: Outreach letter sent to all homes within Repetitive Loss area identified to inform of flood risk and opportunity for insurance via NFIP.</p>
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4. Additional Planned, Recommended, or Mitigation Project Revisions:

- To address flood hazard vulnerability as identified in the 2015 Multi-Hazard Mitigation plan, Public Works will be enhancing pumping capabilities at the 7th and 9th Street underpasses to alleviate urban flooding impact during major rain events. Pumping equipment at the 7th street location was replaced in 2019.
- ND State Water Commission is coordinating with FEMA and Burleigh County to conduct a review of the Burleigh County FEMA Flood Risk Map. Bismarck will be supporting that project as necessary. The review process itself and completion of an updated flood risk map will inform applicable future mitigation action items.
- Based on the 5-Year cycle of the Bismarck Multi-Hazard Mitigation plan, the identification of new or revised flood mitigation action items is currently being addressed as part of the mitigation plan update process for 2020.