

CRS Activity 510

Progress Report on Implementation of Credited Plan

Date this Report was Prepared: January 20, 2021

Name of Community: City of Bismarck, ND

Name of Plan: Bismarck Multi-Hazard Mitigation Plan

Date of Adoption of Plan: January 12, 2021.

5 Year CRS Expiration Date: February 1, 2022

Bismarck Multi-Hazard Mitigation Plan Availability:

The 2021 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-2020-Public?bidId=>

The 2021 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 701-222-6727 to obtain a copy.

1. 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 12, 2021 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.

2. Implementation Status of Flood Hazard Mitigation Action Items:

Status of Flood Mitigation Action Items as identified in the 2020 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.	Completed. 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)	Completed in 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.	Complete and On-Going. 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"	Complete and On-Going. 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 readily available at various locations including the Bismarck Library and 2nd Floor of City County Building (Community Development).</p> <p>January 27, 2020: Interview with KFYP News regarding CRS program participation, and to promote flood preparedness and awareness of flood insurance options.</p> <p>January 9, 2020: Public Input Meeting – Bismarck Multi-Hazard Mitigation Plan Update.</p> <p>Fall 2020: Bismarck Mitigation Plan awareness via Region VIII North Dakota Risk Map Update Fall 2020 Newsletter (FEMA Region VIII, ND State Engineer joint newsletter).</p> <p>September 8, 2020: September National Preparedness Month. Public Information/Education – all hazards preparedness. (via Tidbit Tuesday - Facebook)</p>

	<p>October 29, 2020: Mitigation Plan posted to City's Website for public review/comment (all hazards).</p> <p>December 14, 2020: Facebook post providing awareness of potential river rise due to potential freeze-in due to colder temperatures.</p> <p>Dec 18, 2020: Outreach letter sent to all homes within Repetitive Loss area identified to inform of flood risk and opportunity for insurance via NFIP.</p> <p>January 19, 2021: City of Bismarck Facebook post promoting NFIP flood insurance and informing of Bismarck's status as a CRS community.</p> <p>January 20, 2021: Inform public of flood progress report availability via media news release and posting the progress report to the city's website.</p>
New Flood Mitigation Action Items Identified in the 2021 Bismarck Multi-Hazard Mitigation Plan.	Status
Bismarck is currently rated at Class 8 within the Community Rating System. Pursue Class 7 status when likely to qualify as Class 7 based on current activities.	New
Provide protection to the wastewater treatment plant outfall: Place control structures along the wastewater treatment plant outfall near the Tavis structure and the river to protect the wastewater treatment plant from inundation when river levels at Bismarck gage station rise to 13'.	New

3. Additional Planned, Recommended, or Mitigation Project Revisions:

- To address flood hazard vulnerability as identified in the previous and current Multi-Hazard Mitigation plan, Public Works has enhanced the 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.