

CRS Activity 510 Progress Report

Date this Report was Prepared: 07/28/2020

Name of Community: County of Napa

Name of Plan: Napa County Operational Area Hazard Mitigation Plan

Date of Adoption of Plan: June 2020

5 Year CRS Expiration Date: October 1, 2025

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

*The public draft of the Hazard Mitigation Plan can be found at:
<http://mitigatehazards.com/napa-county-mjhmp/documents/>*

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:

This evaluation report was prepared by Napa County's Floodplain Administrator and CRS Coordinator with support from the following Departments: Emergency Services, Public Works, and Planning, Building and Environmental Services. The evaluation report was submitted to the County of Napa Board of Supervisors and was released to the media and made available to the public through a press release and posting on the County of Napa 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:

See attached Table 1. 2020 Flood Mitigation Action Progress

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

See attached Table 1. 2020 Flood Mitigation Action Progress

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

See attached Table 2. 2020 Flood Mitigation Goals and Activities.

Table 1. 2020 Flood Mitigation Action Progress

Flood Mitigation Objective	Action	Status of Implementation 2019	Comments on Status of Implementation
1.1 - Develop and Improve the Countywide Flood Surveillance and early Warning System	1.1.1 - Maintain City County Storm Watch Program	The Napa Valley Regional Rainfall and Stream Monitoring System (https://napa.onerain.com/home.php) was maintained throughout 2019 and serves as a local source of information to the public and emergency managers regarding the status of local streams.	Implementation is complete and the system operation is ongoing.
1.2 - Support the Completion of the Measure "A" Flood Control Project	1.2.1 - Completion of the Measure "A" Flood Control Project as Budgeted	The Napa River/Napa Creek Flood Protection Project is 70% completed and construction is dependent upon federal funding through the US Army Corps of Engineers. The most recent feature of the project to be constructed is the Napa River Bypass, completed in 2015. Additional floodwalls and related features remain to be built pending additional federal appropriations	The completed features of the project are operated and maintained by the Napa County Flood Control and water Conservation District. The District continues to work with the Corps towards full project completion.
1.3 - Housing Elevation Project	1.3.1 - Elevate 100 most flood prone houses along areas not receiving direct protection from the Measure "A" Flood Control project	In 2017, a house elevation grant was applied for to benefit properties within the FEMA Special Flood Hazard Area. The grant has been approved and four projects are in progress.	Interested property owners will be able to avail themselves to funding support for house elevations upon approval of grant application.
1.4 - Napa River Restoration Efforts	1.4.1 - Secure grant funding to develop and implement river restoration program that would reduce flood damage and increase environmental quality in the river, maintain fish habitat, decrease impediment to drainage by preventing silt buildup and loss of streambed capacity.	Napa County has been implementing restoration action along the Napa River in the Rutherford and Oakville reaches (approximately 15 miles of the river) since 2009. In 2019 construction was completed on Group B sites in the Oakville to Oak Knoll Project.	River restoration efforts are ongoing and on schedule.
1.5 - Reduce the Possibility of Localized Flooding	1.5.1 - Routinely inspect storm water channels for vegetation buildup or encroachment, trash and debris, silt and gravel buildup, and erosion or bank failure and maintain said channels where permitted by California Department of Fish and Wildlife.	The Napa County Stream Maintenance Program is managed by the Napa County Flood Control and Water Conservation District. The District completed a notification of projects to permit agencies and implemented priority projects in the 2019 work season.	This is an ongoing/routine project with annual work notifications and activities.
	1.5.2 - Routinely inspect and maintain storm water inlets and outfalls for debris and obstructions, sand and gravel buildup, and structural damage or vandalism.	Napa County Flood Control and Water Conservation District and Napa County routinely inspect and manage respective owned and operated facilities for necessary maintenance.	This is an ongoing/routine project .

Table 2. 2020 Flood Mitigation Goals and Activities

Mitigation No.	Hazard	Mitigation Type	Status	Primary	Description	Responsible Party	Time Frame	Estimated Capital Costs	Estimated Maintenance Costs	Potential funding sources	Priority	Related Problem Statements
NC-01-2013	Flood	PPRO - Property Protection	2013 (Changed /Edited)	County Unincorporated	Mitigate flood risk for flood-prone residential structures along areas not receiving direct protection from Measure "A" Flood Project.	Napa County Planning & Building	3-5 Years	\$5,000,000.00	Unknown	City Capital Budget Grants; Federal Grants	High	FL-02, FL-26
NC-30-2020	Flood	PE&A - Public Education & Awareness	2020	County Unincorporated	Develop a public outreach program that informs property owners located in the dam or levee inundation areas about voluntary flood insurance (preferred risk policies).	Napa County	1-3 Years	40,000	Unknown	Existing Budget; Grants	High	DF-11, DF-14, FL-10
NC-31-2020	Flood	PPRO - Property Protection	2020	County Unincorporated	Increase participation in the NFIP.	Napa OES	1-3 Years	25,000	Unknown	Existing budget; grants	High	FL-03, FL-26, FL-15, FL-16
NC-33-2020	Flood	NRP - Natural Resource Protection	2020	County Unincorporated	Draft stream channel ordinance that would place responsibility for maintenance on the property owner and give Napa enforcement power.	County	5-10 Years	Unknown	Unknown	Bonds, grants, fee increases	Low	FL-24
NC-34-2020	Flood	PPRO - Property Protection	2020	County Unincorporated	Construct, install and maintain warning gauges on local dams as the opportunity or need arises.	Napa OES	3-5 Years	1,500,000	Unknown	Bonds, grants, fee increases	Medium	DF-07, DF-11, DF-13, DF-17, DF-19, DF-20, DF-23, DF-28, DF-29, FL-10, FL-18
NC-35-2020	Flood	PPRO - Property Protection	2020	County Unincorporated	Improve risk assessments for dams located within the county.	Napa County	1-3 Years	20,000	5,000	Existing budget	Medium	DF-07, DF-11, DF-13, DF-14, DF-17, DF-19, DF-20, DF-23, DF-28, DF-29, FL-10, FL-18
NC-37-2020	Flood	PPRO - Property Protection	2020	County Unincorporated	Complete an inventory of all publicly-owned stormwater facilities.	Napa County Flood Control & Water Resources District	1-3 Years	Unknown	Unknown	Existing budget, grants, bonds, fee increases	Low	FL-40
NC-38-2020	Flood	PPRO - Property Protection	2020	County Unincorporated	Create an inventory and establish a priority list for culvert replacement that takes into account fish passage, flood depth reduction, and future losses avoided.	Napa Flood Control & Water Resources District	3-5 Years	Unknown	Unknown	Existing budget, grants, bonds, fee increases	Low	FL-40
NC-39-2020	Flood	PPRO - Property Protection	2020	County Unincorporated	Relocate farmwork centers from flood risk areas.	Napa County	3-5 Years	Unknown	Unknown	Bonds, grants, fee increases	Medium	FL-01
NC-46-2020	Flood	SP - Structural Projects	2020	County Unincorporated	Elevate and/or retrofit bridges, culverts to allow proper stormwater / 100-YR flows.	Napa County Public Works	5-10 Years	Unknown	Unknown	Bonds, grants, fee increases	Medium	FL-40
NC-47-2020	Flood	PPRO - Property Protection	2020	County Unincorporated	Mitigate flood risk to NFIP repetitive loss properties.	Napa County	Annually	Unknown	Unknown	Existing budget, grants, bonds, fee increases	High	FL-26
NC-48-2020	Flood	PPRO - Property Protection	2020	County Unincorporated	Construct / improve stormwater basins County-wide to accomplish 100-YR protection	Napa County Flood Control & Water Resources	3-5 Years	Unknown	Unknown	Bonds, grants, fee increases	Medium	FL-41
NC-50-2020	Flood	PPRO - Property Protection	2020	County Unincorporated	Adopt higher regulatory standards (including but not limited to freeboard, comp storage, lower substantial damage thresholds, setbacks and fill restrictions) as means to reduce future flood risk and support a no- adverse-impact philosophy of floodplain management.	Napa County	1-3 Years	Unknown	Unknown	Existing Budget, grants, bonds, fee increases	Medium	FL-41
NFC-01- 2013	Flood	ES - Emergency Services	2013 (Changed /Edited)	Napa Flood Control & Water District	Maintain Countywide Storm Watch System	Napa County Flood Control District	Annually	\$80,000.00	30000	Napa County Watershed Assessment	High	FL-02, FL-03
NFC-02- 2013	Flood	ES - Emergency Services	2013 (Changed /Edited)	Napa Flood Control & Water District	Completion of the Measure "A" Flood Control Project	Napa County Flood Control District	5-10 Years	\$100,000,000	\$100,000 annually	County sales tax/federal funding	High	FL-02, FL-03
NFC-03- 2013	Flood	PRV - Prevention	2013 (Ongoing)	Napa Flood Control & Water District	Routinely inspect storm water channels for vegetation build up or encroachment, trash and debris, silt and gravel build up, and erosion or bank failure and maintain said channels permitted by California Department of Fish and Wildlife.	Napa County Flood Control District	Annually	N/A	\$200,000 local funding	Local watershed assessment/federal funding needed	High	FL-02
NFC-04- 2013	Flood	NRP - Natural Resource Protection	2013 (Ongoing)	Napa Flood Control & Water District	Secure grant funding to develop and implement a river restoration program that would reduce flood damages and increase environmental quality on the river, maintain fish habitat, decrease impediment to drainage by preventing silt build-up and loss of stream bed capacity.	Napa County	5-10 Years	\$23,000,000	\$200,000 annually	State and Federal grants	High	FL-02, FL-04