

SUPPLEMENTAL REPORTS & COMMUNICATIONS II
Office of the City Clerk

City Council of the City of Napa
Regular Meeting
February 5, 2019

FOR THE CITY COUNCIL OF THE CITY OF NAPA:

AFTERNOON SESSION:

3. PUBLIC COMMENT.

- Handout from Susan Rushing Hart dated September 10, 2018, Federal Emergency Management Agency, titled "Letter of Map Revision Determination Document."



Federal Emergency Management Agency
Washington, D.C. 20472

Supplemental II - 3. Public Comment
From: Susan Rushing Hart

LETTER OF MAP REVISION DETERMINATION DOCUMENT

COMMUNITY AND REVISION INFORMATION

COMMUNITY

City of Napa
Napa County
California

COMMUNITY NO.: 060207

IDENTIFIER

Napa River Post-Bypass Conditions

PROJECT DESCRIPTION

BRIDGE
FILL
NON - ACCREDITED LEVEE

BASIS OF REQUEST

FLOODWAY
HYDRAULIC ANALYSIS
HYDROLOGIC ANALYSIS
LEVEE ANALYSIS
UPDATED TOPOGRAPHIC DATA

APPROXIMATE LATITUDE & LONGITUDE: 38.315, -122.278
SOURCE: GOOGLE EARTH PRO DATUM: NAD 83

ANNOTATED MAPPING ENCLOSURES

TYPE: FIRM*	NO.: 06055C0508F	DATE: September 29, 2010
TYPE: FIRM*	NO.: 06055C0509F	DATE: September 29, 2010
TYPE: FIRM*	NO.: 06055C0516F	DATE: September 29, 2010
TYPE: FIRM*	NO.: 06055C0517F	DATE: September 29, 2010

ANNOTATED STUDY ENCLOSURES

DATE OF EFFECTIVE FLOOD INSURANCE STUDY: August 3, 2016
PROFILE(S): 04P, 08P-10P, 24P, 38P, 39P and 40P
FLOODWAY DATA TABLE: 8
SUMMARY OF DISCHARGES TABLE: 4

Enclosures reflect changes to flooding sources affected by this revision.
* FIRM - Flood Insurance Rate Map

FLOODING SOURCE(S) & REVISED REACH(ES)

See Page 2 for Additional Flooding Sources

Napa River - From approximately 750 feet upstream of West Imola Avenue to just downstream of Trancas Street.

Napa River (Natural Valley) - From the limit of Natural Valley baseline to approximately 2,714 feet upstream.

SUMMARY OF REVISIONS

Flooding Source

Napa River

Effective Flooding	Revised Flooding	Increases	Decreases
Zone AE	Zone AE	NONE	YES
Zone X (shaded)	Zone X (shaded)	YES	YES
BFEs*	BFEs	YES	YES
Floodway	Floodway	NONE	YES
Zone AE	Zone AE	NONE	YES

Napa River (Natural Valley)

* BFEs - Base Flood Elevations

DETERMINATION

This document provides the determination from the Department of Homeland Security's Federal Emergency Management Agency (FEMA) regarding a request for a Letter of Map Revision (LOMR) for the area described above. Using the information submitted, we have determined that a revision to the flood hazards depicted in the Flood Insurance Study (FIS) report and/or National Flood Insurance Program (NFIP) map is warranted. This document revises the effective NFIP map, as indicated in the attached documentation. Please use the enclosed annotated map panels revised by this LOMR for floodplain management purposes and for all flood insurance policies and renewals in your community.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the OMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

Patrick "Rick" F. Sacbibit, P.E., Branch Chief
Engineering Services Branch
Federal Insurance and Mitigation Administration



Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION DETERMINATION DOCUMENT (CONTINUED)

COMMUNITY INFORMATION

APPLICABLE NFIP REGULATIONS/COMMUNITY OBLIGATION

We have made this determination pursuant to Section 206 of the Flood Disaster Protection Act of 1973 (P.L. 93-234) and in accordance with the National Flood Insurance Act of 1968, as amended (Title XIII of the Housing and Urban Development Act of 1968, P.L. 90-448), 42 U.S.C. 4001-4128, and 44 CFR Part 65. Pursuant to Section 1361 of the National Flood Insurance Act of 1968, as amended, communities participating in the NFIP are required to adopt and enforce floodplain management regulations that meet or exceed NFIP criteria. These criteria, including adoption of the FIS report and FIRM, and the modifications made by this LOMR, are the minimum requirements for continued NFIP participation and do not supersede more stringent State/Commonwealth or local requirements to which the regulations apply.

We provide the floodway designation to your community as a tool to regulate floodplain development. Therefore, the floodway revision we have described in this letter, while acceptable to us, must also be acceptable to your community and adopted by appropriate community action, as specified in Paragraph 60.3(d) of the NFIP regulations.

NFIP regulations Subparagraph 60.3(b)(7) requires communities to ensure that the flood-carrying capacity within the altered or relocated portion of any watercourse is maintained. This provision is incorporated into your community's existing floodplain management ordinances; therefore, responsibility for maintenance of the altered or relocated watercourse, including any related appurtenances such as bridges, culverts, and other drainage structures, rests with your community. We may request that your community submit a description and schedule of maintenance activities necessary to ensure this requirement.

COMMUNITY REMINDERS

We based this determination on the 1-percent-annual-chance discharges computed in the submitted hydrologic model. Future development of projects upstream could cause increased discharges, which could cause increased flood hazards. A comprehensive restudy of your community's flood hazards would consider the cumulative effects of development on discharges and could, therefore, indicate that greater flood hazards exist in this area.

Your community must regulate all proposed floodplain development and ensure that permits required by Federal and/or State law have been obtained. State or community officials, based on knowledge of local conditions and in the interest of safety, may set higher standards for construction or may limit development in floodplain areas. If your State or community has adopted more restrictive or comprehensive floodplain management criteria, those criteria take precedence over the minimum NFIP requirements.

We will not print and distribute this LOMR to primary users, such as local insurance agents or mortgage lenders; instead, the community will serve as a repository for the new data. We encourage you to disseminate the information in this LOMR by preparing a news release for publication in your community's newspaper that describes the revision and explains how your community will provide the data and help interpret the NFIP maps. In that way, interested persons, such as property owners, insurance agents, and mortgage lenders, can benefit from the information.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

Patrick "Rick" F. Sacbibit, P.E., Branch Chief
Engineering Services Branch
Federal Insurance and Mitigation Administration

Table 4: Summary of Discharges

Flooding Source and Location	Drainage Area (Square miles)	Peak Discharges (Cubic Feet per Second)			
		10-percent	2-percent	1-percent	0.2-percent
BLOSSOM CREEK At confluence with Napa River	3.4	1,000	N/A	1,700	2,000
CYRUS CREEK At confluence with Napa River	2.9	900	N/A	1,500	1,900
GARNETT CREEK At confluence with Napa River	6.9	1,900	N/A	3,200	3,900
NAPA CREEK At mouth	14.9	*	*	4,300	*
At the City of Napa corporate limits	14.9	2,200	*	3,500	4,500
NAPA RIVER Upstream of Bull Island	324.0	25,500	38,900	45,200	69,000
Upstream of Imola Avenue	300.0	26,770	39,200	44,390	53,450
At confluence with Tulucay Creek	283.5	25,811	37,853	42,214	50,028
At confluence with Napa Creek	267.2	18,021	23,085	23,313 ²	20,813
Upstream of Trancas Street	234.0	23,810	35,010	39,350	47,300
Near the City of Napa (Oak Knoll Avenue)	281.0	18,500	*	33,000	46,000
Upstream of Oak Knoll Avenue	218.0	18,400	28,100	32,700	50,300
Near the City of St. Helena (Zinfandel Lane)	81.4	13,000	*	21,000	25,000
At Dunweal lane	23.0	7,800	N/A	12,500	15,000
At State Highway 29	21.6	7,400	N/A	12,000	14,500
At upstream corporate limits	5.4	3,300	N/A	5,100	6,400
NAPA RIVER OXBOW OVERFLOW	*	*	158	507	1,233
NAPA RIVER DRY BYPASS At confluence with Napa River	*	5,790	11,765	15,742	22,785

*Data not available

²Discharges decreasing downstream due to lateral structures

REVISED TO
REFLECT LOMR
EFFECTIVE: January 22, 2019

Table 4: Summary of Discharges (continued)

Flooding Source and Location	Drainage Area (Square miles)	Peak Discharges (Cubic Feet per Second)			
		10-percent	2-percent	1-percent	0.2-percent
NAPA RIVER SPLIT FLOW At confluence with Napa River Dry Bypass	*	*	686	1,403	3,856
SALVADOR CREEK At confluence with Napa River At Big Branch Road	* 1.8	* *	* *	3,910 3,213	* *
SULPHUR CREEK At confluence with Napa River to Sulphur Creek Tributary Upstream of Sulphur Creek Tributary	9.2 7.6	* *	* *	3,330 ¹ 3,110	* *
SULPHUR CREEK TRIBUTARY At confluence with Sulphur Creek	1.1	*	*	500	*
TULUCAY CREEK At Soscol Avenue Upstream of Camille Creek	* *	2,880 2,050	* *	4,530 3,250	5,500 4,050

*Data not available

¹Flow rate reductionREVISED
DATA