



# TRINITY COUNTY

## PLANNING DEPARTMENT

P.O. BOX 2819, WEAVERVILLE, CALIFORNIA 96093

PHONE (530) 623-1351

FAX (530) 623-1353

Email: [lhubbard@trinitycounty.org](mailto:lhubbard@trinitycounty.org)

October 11, 2018

Dear Landowner,

The Trinity River Restoration Program (TRRP) constructed the Bucktail Channel Rehabilitation Project in 2016. The 2016 project is not expected to change your insurance rates for structures from those established by the 2016 Flood Insurance Rate Map applicable to your property.

Details regarding individual parcels, the project's forecasted effects on water levels, and the formal processes involving FEMA and the TRRP are attached.

If you have any questions or concerns about the project or its impacts on your property, please contact Leslie Hubbard at Trinity County (530) 623-1351 extension 3 or online at [lhubbard@trinitycounty.org](mailto:lhubbard@trinitycounty.org) for additional information.

Sincerely,

A handwritten signature in blue ink, appearing to read "Leslie Hubbard".

Leslie Hubbard

Deputy Director of Planning

*Details concerning the 2016 Bucktail Channel Rehabilitation Project and how its effects are being incorporated into the 2016 Trinity River Flood Insurance Rate Maps*

The Flood Insurance Rate Maps (FIRMs) for a community depict land which has been determined to be subject to a 1% (100-year) or greater chance of flooding in any given year. The FIRMs are used to determine flood insurance rates and to help the community with floodplain management. The Federal Emergency Management Agency (FEMA) introduced updated FIRMs for the Trinity River from Lewiston dam to the North Fork Trinity that became effective on July 20, 2016.

The Trinity County Planning Department is applying to FEMA for a Letter of Map Revision (LOMR) to revise the 2016 FIRM 06105C (Panels 1053F and 1054F) for Trinity County, California along the Trinity River. The County's request for map revision is based on the Trinity River Restoration Program's 2016 construction of the Bucktail Channel Rehabilitation Project. Please refer to Exhibit A for the Bucktail project location and landowner parcel boundaries.

The 2016 project is forecast to revise the floodway from a point approximately 550 feet upstream from Bucktail Bridge (aka the Brown's Mountain RD. Bridge) to a point approximately 4,100 feet upstream from Bucktail Bridge (just downstream of Gold Bar). As forecast, the floodway would widen with a maximum widening of 204 feet at a point approximately 3,300 feet upstream from Bucktail Bridge.

In addition, the 1% annual chance water-surface elevations ("Base Flood Elevations") and/or the 1% annual chance floodplain ("100-year floodplain") would be revised from a point approximately 30 feet upstream of Bucktail Bridge to a point approximately 7,313 feet upstream from Bucktail Bridge. As a result of the revision, the 1% annual chance water-surface elevations would both increase and decrease within this area, and the 1% annual chance floodplain would widen within a portion of the area of revision. A maximum increase in the 1% annual chance water-surface elevation of 0.48 feet is forecast at a point approximately 2,500 feet upstream from Bucktail Bridge and a maximum decrease in the 1% annual chance water-surface elevation of 0.19 feet is forecast at a point approximately 4,360 feet upstream of Bucktail Bridge (downstream of Gold Bar).

None of these changes will increase your insurance rates for structures from those established by the 2016 FIRMs presently applicable to your property. Refer to Exhibit B and Table 1 to see where increases and decreases in BFEs are forecast to occur and to view the affected parcels. Exhibit C provides a plan view of the Bucktail area July 2016 FEMA FIRMs with revisions from the 2016 Bucktail project included.

The information provided within this notification may be reviewed at the Trinity River Restoration Program at 1313 South Main Street in Weaverville (next to Holiday Market) or online at <http://www.trrp.net/restoration/channel-rehab/past-sites/bucktail/>

**Table 1.** Private parcels and changes to their 2016 Base Flood Elevations (BFEs) that resulted from modeling the effects of the TRRP’s 2016 Bucktail Channel Rehabilitation Project on forecast 100-Year Water Surface Flood Elevations.

APN	In or Out of the Change in Base Flood Elevation (BFE, or 100-year Flood) per forecast with after construction of Bucktail Project implemented in 2016
025-120-02	Increase of 0.02 feet
025-120-03	Decrease of 0.01 feet
025-120-04	Decrease between -0.01 to -0.03 feet
025-120-05	Decrease of 0.19 feet
025-120-13	Ranging from increase of 0.03 feet to decrease of 0.08 feet
025-120-26	Decrease of 0.17 feet
025-120-28	Ranging from increase of 0.48 feet to decrease of 0.19 feet
025-260-11	Decrease of 0.015 feet to 0.16 feet. Flooding alternate-channel no longer flows through at BFE.
025-260-40	Decrease of 0.15 feet at upstream side; no change to BFE elevation on downstream side. Flooding alternate-channel no longer flows through at BFE.
025-470-01	Decrease between 0.01 to 0.03 feet
025-470-02	No change
025-470-03	No change
025-470-04	No change
025-470-05	No change
025-470-06	No change
025-470-08	No change
025-470-09	No change
025-470-10	No change
025-470-11	Decrease of 0.03 feet
025-470-15	Decrease of 0.03 feet
025-470-16	Decrease of 0.03 feet
025-470-17	No change, to decrease of 0.03 feet
025-470-18	No change
025-510-11	No change
025-510-18	No change, to decrease of 0.06 feet
025-510-19	No change, to decrease of 0.06 feet
025-510-20	Decrease of 0.04 feet to 0.06 feet
025-510-21	Decrease of 0.04 feet to 0.06 feet
025-510-22	Decrease of 0.04 feet
025-510-23	Decrease of 0.03 feet to 0.06 feet
025-510-25	Decrease of 0.03 feet
025-510-27-00	No change
025-510-28-00	No change

**In Summary:**

Changes in FEMA’s flood hazard areas caused by construction of the Bucktail Channel Rehabilitation Project did not impact any insurable, permitted structures. Within the affected area of Base Flood Elevation modeling, no change is predicted at all cross sections along the road through the Bucktail community; among river mainstem cross sections, 3 mainstem cross sections (15%), increases in the BFE are predicted at 6 mainstem cross sections (30%) and decreases in the BFE are predicted at 11 cross sections (55%) (Refer to Exhibit B). To meet FEMA guidelines and to update the 2016 FIRM06105C (Panels 1053F and 1054F) in the Bucktail area,

the County is notifying landowners that there will be no changes in their flood insurance requirements based on the changes that will be made to the July 2016 FEMA FIRM when the as-built data is reflected in the FIRM.

Please refer to these enclosures for Project design features and the location of flood hazard areas. The three enclosures are:

- Exhibit A. Bucktail 2016 Channel Rehabilitation Project.** Completed Project with Approximate Parcel Boundaries.
- Exhibit B. Bucktail 2016 Channel Rehabilitation Project.** Forecast changes to FEMA Base Flood Elevation at Flow Modeling Cross Sections
- Exhibit C. Bucktail 2016 Channel Rehabilitation Project.** FEMA Flood Hazard Zone Boundary Changes.