

# **Marin County 2018 Repetitive Loss Analysis Report**

March 2, 2018

## **Recommendations from Repetitive Loss Area Analysis dated March 2015 Action items for yearly report**

### **For the County of Marin**

- Prepare an annual outreach mailing that encourages property owners in the RL areas to pursue a mitigation measure.

### **Action Taken:**

Land Development mailed standard repetitive loss letters (as seen in figure 500-3 on page 500-11) to homeowners in the 19 Repetitive Loss Areas on February 22, 2018.

- Provide information to assist interested property owners in applying for a mitigation grant.

### **Action Taken:**

Flood Control & Water Conservation District (FC) provided information to Repetitive Loss Area property owners about available 2016 HMGP funding on April 12, 2017. Included in the funding package was a Frequently Asked Questions flyer and excerpts from the FEMA Hazard Mitigation Assistance guidance document. An update on the status of the current HMGP funding was emailed to homeowners on the HMGP grant proposed funding list on June 1, 2017. Future updates will be issued as warranted.

Flood Mitigation Assistance (FMA) funding became available under NOFO number DHA-17-029-00-99. Marin County Land Development Division notified four Severe Repetitive Loss Properties of the availability of funding on September 1, 2017. One homeowner responded. Funding opportunity was not pursued as the required documentation could not be processed within the time allotted. The homeowner may pursue funding in the future.

The Marin County Flood Control & Water Conservation District (FC) applied for HMGP home elevation funding on behalf of sixteen homeowners, most of which are located in Repetitive Loss Areas. The application was originally submitted to Cal OES in June of 2016 and was revised and resubmitted in order to better prepare for FEMA's Environmental and Historic Preservation (EHP) Review on February 16<sup>th</sup>. EHP review is underway and the FC hopes for news of grant award this year. This round of funding is considered a "pilot program" and depending on evaluation of the outcome and future local funding support, the FC or County may consider future HMGP opportunities for additional homeowners – over 90 homeowners have expressed interest so far.

- Provide information that encourages homeowners to frequently clear their ditches of debris to ensure open flow for stormwater in accordance with all regulatory permits.

**Action Taken:**

Land Development Division mails a yearly brochure to homeowners and residents in the Repetitive Loss Area. The brochures encourage people in the SFHA to clear debris from drainage conveyances as part of their winter preparation checklist.

- In the existing flood zones, develop flood control projects for review and approval by the County and Flood Control & Water Conservation District (FC). Where appropriate, seek out funding for projects.

**Action Taken:**

- **The Novato Creek Sediment Removal Project** - Subsequent analysis shows that this project does not affect Repetitive Loss Properties located within unincorporated Marin County.
- **Coyote Creek Middle Reach Sediment Removal:** The Coyote Creek Middle Reach Sediment Removal project is tentatively scheduled for 2019. This project is funded entirely by Flood Control Zone 3. Bathymetric surveys and hydraulic analysis of Coyote and Nyhan Creeks has been completed by a consultant and the recommendation is for dredging to begin in 2019, pending necessary regulatory permits. Flood Control Zone 3 has budgeted \$1 million for sediment removal in the middle reach.
- **The Ross Valley Flood Control District** – The District is working towards implementing two programs, listed below, which would likely reduce damages to repetitive loss properties located in unincorporated Marin County. These include the Corte Madera Creek Flood Risk Management Project and the Ross Valley Flood Risk Reduction Program.
- **Former Nursery Site Detention Basin on Fairfax Creek:** This project is now part of the San Anselmo Flood Risk Reduction Project.
- **The Deer Park Detention Basin:** This project is on hold as no grant fund opportunities have been identified to date. Subsequent analysis shows that this project may not affect Repetitive Loss Properties located within unincorporated Marin County.
- **Lefty Gomez Field Dual Use Detention Basin:** This project is on hold as no grant fund opportunities have been identified to date. Subsequent analysis shows that this project may not affect Repetitive Loss Properties located within unincorporated Marin County.
- **Loma Alta Detention Basin:** This project is on hold as no grant fund opportunities have been identified to date. Subsequent analysis shows that this

project may not affect Repetitive Loss Properties located within unincorporated Marin County.

- **Phoenix Lake IRWM Retrofit:** The Phoenix Lake IRWM Retrofit Project has been replaced with the Corte Madera Creek Flood Risk Management Project
  - **San Anselmo Flood Risk Reduction Project:** (Formerly called San Anselmo Flood Protection Project) Subsequent analysis shows that this project does not affect Repetitive Loss Properties located within unincorporated Marin County.
  - **Corte Madera Creek Flood Risk Management Project:** In Fiscal Year 2016/17 progress was made on the environmental review. The objective is to reduce peak flood flow in Corte Madera Creek while enhancing portions of the creek. The funding cost share agreement between the US Army Corp of Engineers and the Flood Control District, Zone 9 requires the District contribute approximately 50% in matching funding in the feasibility phase and 35% during the final design and construction of the project. The DWR grant agreement will assist in supporting the District's matching funds. The balance of the total costs will be funded by federal appropriations through the US Army Corp of Engineers
  - **Ross Valley Flood Risk Reduction Program:** The California Environmental Quality Act environmental review process (Environmental Impact Report) for this comprehensive flood risk reduction program in Ross Valley is slated to begin in 2018. The program includes several flood risk reduction projects and measures that would reduce risk to repetitive loss areas in the valley.
  - **Santa Venetia Timber Reinforced Berm Improvement Project:** In November 2017 an application for HMGP funding was submitted to Cal OES for improvement of a timber-reinforced berm that increases the level of protection of the existing levee system surrounding this community of about 900 homes, most of which are in a repetitive loss area.
- Complete the CRS application process and improve the County's CRS classification.

**Action Taken:**

(1) The County completed the CRS application process and joined the CRS program on May 1, 2016 with Class 7. (2) The County applied for modification in June 2017 and was awarded a Class 6 rating that will become effective May 1, 2018.

- Adopt this Area Analysis according to the process detailed in the CRS Coordinator's Manual.

**Action Taken:**

The Repetitive Loss Area Analysis was adopted by the Board of Supervisors on August 11, 2015.

- Conduct an outreach program that provides an opportunity for property owners to request more detailed explanation of the RLAA report findings, identify hazard mitigation measures that are currently undertaken by the County, and hazard mitigation measures that can be undertaken by property owners.

**Action Taken:** Land Development mailed standard repetitive loss letters to homeowners in the 19 Repetitive Loss Areas on February 22, 2018. This letter included suggestions on how to protect themselves from flooding.

**b. For the residents of the study area**

- Contact the County for more information about possible funding opportunities.

**Action Taken:** Flood Control & Water Conservation District (FC) provided information to Repetitive Loss Area property owners about available 2016 HMGP funding. A total of 89 homeowners responded with an interest in participating in the HMGP funding opportunity to raise their homes. The County has a total of \$3 million to work with and is awaiting notification from FEMA as to which properties will be awarded funding.

- Review the alternative mitigation measures discussed in this analysis and implement those that are most appropriate for their situation.

**Action Taken:** The County Flood Control and Water Conservation District (FC) reviewed all of the alternative mitigation measures mentioned previously and continue to implement them as funding allows.

- Purchase and maintain a flood insurance policy on the home and its contents.

**Action Taken:** Land Development mailed standard repetitive loss letters to homeowners in the 19 Repetitive Loss Areas on February 22, 2018. This letter included a reminder to purchase flood insurance as homeowner's insurance policies do not cover flooding.

This Repetitive Loss Report will be posted on the County website under the heading FEMA Flood Information and CRS Program, Local Resources (<http://maringovstg/depts/pw/divisions/land-use/fema-flood-information/local-resources>) after March 31, 2018.