



City of Emeryville

CALIFORNIA

MEMORANDUM

DATE: November 7, 2017

TO: Carolyn Lehr, City Manager

FROM: Lisa Lopez, Human Resources Director

SUBJECT: Draft 2017 – 2022 Local Hazard Mitigation Plan Update

RECOMMENDATION

Staff recommends that the City Council provide input on the draft 2017 – 2022 Local Hazard Mitigation Plan Update.

BACKGROUND

The Disaster Mitigation Act of 2000 (DMA 2000) required all communities to establish a Local Hazard Mitigation Plan (LHMP) as a condition to receive federal hazard mitigation funding through the Hazard Mitigation Grant Program (HMGP), Pre-Disaster Mitigation Grant Program (PDM), and the Flood Management Assistance Grant Program (FMA). In addition, as part of the DMA 2000, the LHMP must be updated every 5 years.

DISCUSSION

The City's original Local Hazard Mitigation Plan was approved by FEMA in December 2009. Since the publishing of the 2009 LHMP, FEMA increased the requirements for any Local Hazard Mitigation Plan update adding five (5) key elements that must be included in every LHMP and they are:

- Element A: Planning Process
- Element B: Hazard Identification and Risk Assessment
- Element C: Mitigation Strategy
- Element D: Plan Review, Evaluation and Implementation
- Element E: Plan Adoption
- Element F: Additional State Requirements

Planning Process

FEMA desires the LHMP to be a community plan with public involvement every step of the way. To that end, in March of 2015, the City published a Local Hazard Community Survey to obtain the community's input on local hazards and mitigation ideas. Members of the community were solicited to be part of the planning team. Three (3) Public Workshops were held in May 2016 and the LHMP Update was recently presented at the City's various Community Advisories Committees for public and committee input and comments.

Hazard Identification and Risk Assessment

The LHMP Update Planning Team was made up of City staff, a representative from Alameda County Fire, and two members of the community. The planning team met 7 times over a year and half and identified nine (9) hazards (natural and man-made) to be included in the plan update and those were:

- 1) Earthquakes
- 2) Hazardous Materials Release
- 3) Climate Change
- 4) Fire
- 5) Floods
- 6) Civil Unrest
- 7) Utility/Infrastructure Failure
- 8) Terrorism
- 9) Biological Threats

The LHMP Update includes an in-depth analysis of the risks to the City associated with each of the hazards listed above.

Mitigation Strategy

The planning team brainstormed mitigation ideas to be included in the plan update. The team evaluated each proposed mitigation ideas for feasibility, social benefits, economic benefits, environmental improvement and community objectives. 44 mitigation ideas were identified for inclusion and were prioritized by the team into High, Medium and Low Priorities, with some items categorized as long range ideas or already in progress.

High Priority

1. Building a bioswale
2. Earthquake Warning System for Fire Station Doors
3. Mass Notification System
4. Working with EBMUD
5. Police Substation
6. Caltrans Agreement
7. Deescalating techniques
8. Recovery Plan for Cyberterrorism
9. Public Address System for the Peninsula for Tsunamis
10. Evacuation Route signs for Peninsula and City as a whole
11. Revamping our CERT program
12. Train Staff
13. Moving critical services to a more secure location
14. Fee waiver for Earthquake retrofit projects on single family homes (Braces & Bolts)
15. Revamping City Web Page
16. Creating a listing of Laboratories in the City and their potential issues

Medium Priority

17. Storm drain cleaning
18. Increasing earthquake awareness in the community
19. Providing Tsunami information to retail, hotel and restaurant establishments
20. Undergrounding utilities
21. Leveraging our relationship with Berkeley's Office of Emergency Services
22. Becoming a POD (Point of Distribution) for both Commodity and medical services
23. Establishing a Medical Reserve Corps

Low Priority

24. Gas shut off valves (PG&E)
25. Working with the Red Cross to install smoke detectors in single family homes
26. Providing public disposal sites for batteries & oil
27. Providing "Treegators" for residents
28. Transfer Tax (a % rebated to the homebuyer for earthquake retrofitting)
29. Requiring gas shut off valves for all remodels
30. Film on windows of City Hall for energy efficiency and to prevent shattering
31. Encourage renewables for businesses by giving tax breaks or rebates

Long Range Ideas/Already in Process

32. Building levees (Regional for Sea Level Rise) – Long Range
33. Designating the Senior Center as a cooling center – Already Done
34. Drought Landscaping Ordinance – Already Done
35. GIS Maps of Hazardous Pipelines in the City for use in the EOC – Already Doing
36. Offer GIS Mapping online – Long Range
37. Restoration /Buildup of Wetlands against Sea Level Rise – Long Range/Regional
38. Wind/Windmills – Already in Process
39. Community Policing – Already Doing
40. Update Flood Plain – Being Done by FEMA
41. Convert 4 track lines to main lines – Long Range
42. Work with Carrollton College to provide services during a pandemic – Long Range
43. Alternative Transportation (BikeShare) – Already Doing
44. Smart Grid

Plan Review and Evaluation and Implementation

The Local Hazard Mitigation Plan is considered a living document. The Emergency Services Coordinator will monitor, evaluate and update the plan every five (5) years. They will also be responsible for engaging with outside stakeholders to ensure plan implementation is ongoing and is achieving its stated purpose and goals. The City will utilize social media updates such as the City website, Twitter, and Facebook to inform the community of any updates and mitigation action progress.

Plan Adoption

The City will submit the Local Hazard Mitigation Plan Update to the State and FEMA for approval. Once approved, the plan will be brought before Council for adoption.

Additional State Requirements

None

FISCAL IMPACT

This report is information only and there is no fiscal impact.

STAFF COMMUNICATION WITH THE PUBLIC

Staff has presented the draft of the 2017-2022 Local Hazard Mitigation Update to the City's Community Advisory Committees (Sustainability Committee, Public Safety Committee, Public Works and Transportation Committee, Planning Commission) during the months of September and October.

CONFLICT OF INTEREST

None

CONCLUSION

Staff would like Council's input and comments on the 2017 – 2022 Local Hazard Mitigation Plan Update before submitting the final draft to the California Office of Emergency Services and FEMA for final approval.

PREPARED BY: Lori Elefant, Management Analyst Human Resources

**APPROVED AND FORWARDED TO THE
CITY COUNCIL OF THE CITY OF EMERYVILLE:**



Carolyn Lehr, City Manager

LINK: [DRAFT OF THE 2017 - 2022 LOCAL HAZARD MITIGATION PLAN UPDATE](#)