

## City of Oakland

### Local Hazard Mitigation Plan/Resilience Meeting

March 3, 2016 Trudeau Center, East Bay Regional Parks District

#### AGENDA

1. Welcome and Introduction Christine Daniel, Assistant City Administrator
2. Presentations  
The Regional Perspective Dana Brechwald, ABAG Resilience Program  
Adapting to Rising Tides Lindy Lowe, BCDC  
Oakland Hazard Mitigation Plan Devan Reiff, City of Oakland Bureau of Planning  
2016-2021 Update
3. Mapping exercise and group discussion
4. Q & A
5. Closing Remarks

#### RESOURCES

- Local Hazard Mitigation Plan update: [www.oaklandnet.com/lhmp](http://www.oaklandnet.com/lhmp)
- Devan Reiff, Strategic Planning Department: [dreiff@oaklandnet.com](mailto:dreiff@oaklandnet.com)/ 510-238-3550
- Resilient Oakland:  
[www2.oaklandnet.com/Government/o/CityAdministration/d/ResilientOakland/index.htm](http://www2.oaklandnet.com/Government/o/CityAdministration/d/ResilientOakland/index.htm)
- CORE: [www2.oaklandnet.com/Government/o/OFD/s/CORE/index.htm](http://www2.oaklandnet.com/Government/o/OFD/s/CORE/index.htm)
- El Nino resources: [www2.oaklandnet.com/ElNino/index.htm](http://www2.oaklandnet.com/ElNino/index.htm)
- Bay Conservation and Development Commission (BCDC) Adapting to Rising Tides:  
[www.adaptingtorisingtides.org](http://www.adaptingtorisingtides.org)
- ABAG Resilience Program: <http://resilience.abag.ca.gov>

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#### Discussion Notes

#### Community Assets to Protect and/or Use

- The Oakland Zoo is a regional attraction.
- The Dunsmuir water retention pond is not maintained properly, and leaks.
- Oakland's villages (and village schools) are what gives the city its character (Rockridge, Lakeshore, Fruitvale, etc.).
- Houses of worship and fraternal buildings are community assets, and should be involved in planning and recovery.
- Elementary schools are natural centers for emergency response; the community needs OUSD to be flexible and cooperate with interagency planning efforts.
  - OES staff noted that the City does have an MOU with OUSD for high school and middle school sites, but not for elementary schools. Their primary goal is to protect their students.
- Churches are important locations and community centers; the City could have an MOU with the archdiocese.
- Grocery stores should have plans both to recover from a disaster and to distribute perishables to residents in an emergency when power fails.
- The hospitality industry needs to think about how to assist visitors in case of an emergency.

#### Planning Considerations

- Off-ramps are backed up and therefore a problem in case of evacuation. These off-ramps include Golf Links, Keller and 98<sup>th</sup>
- Earthquake exercises need to incorporate large assembly places such as the Zoo and Fairyland
  - OES Staff noted that this is coming soon; Oakland has a great Animal Services department, which includes large animals, and it has emergency animal supplies and volunteers.
- Oakland contains some very large employers who should be involved in hazard mitigation and disaster planning
  - BCDC staff noted that PG&E and EBMUD participate in the Adapting to Rising Tides program
- Large employers (including government organizations around Frank H. Ogawa Plaza) need to coordinate their evacuation plans.
- The community needs to integrate policies at the regional and national levels – the global economy impacts the Port of Oakland, and thus what hazards come in by way of the port.

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- The City should consider other federal policies, such as the FAA changing their flight patterns.

#### Education

- We need to discuss the linkages between hazards (such as the connection between drought and wildfire).
- We need to educate about the scale of problems that seem localized but are actually communitywide in damage and/or solutions (such as downstream flooding caused by not retaining or slowing water further upstream).
- We need to educate the community about the scale of multi-year hazards and events.
- Residents are not always aware of which agencies are responsible for which areas or policies when it comes to mitigation.
- The Hazard Mitigation Plan should include a robust communication plan that includes multiple ways of communicating in an emergency.

#### Notes from Mapping exercise

City Facilities and areas important to residents for disaster resilience:

- City Hall
- Emergency Operations Center
- Oakland Zoo
- Montclair Village
- 23<sup>rd</sup> Avenue Reservoir (EBMUD)
- Chabot Golf Course
- Dunsmuir House and Gardens
- Sibley Park and Lake Temescal (East Bay Regional Parks District)
- Head Royce School
- Chabot Space and Science Center
- Oakland Animal Shelter
- Oak Knoll Development project (former Naval Hospital developed into residential subdivision)

Topics of importance and concern to residents:

- Caring for Oakland Zoo animals, following disaster
- Tight off-ramps and on-ramps at 103<sup>rd</sup> Avenue (and elsewhere in the Hills) are not capable of handling the traffic flow of a mass evacuation following a disaster

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- 23<sup>rd</sup> Avenue Reservoir could burst, and create a flood impact
- Food deserts of East and West Oakland
- Liquefaction risk at City's corporation yard (Edgewater Drive)
- Sea-level rise causing flooding of BART tunnels and tubes
- Use Dunsmuir pond for more rainwater catchment and ease stormwater runoff
- Flooding of rail-yards releasing hazardous materials
- Fly-fishing ponds= Sulphur Creek
- Flooding of I-980
- Educating the public that landslides could happen –not just in the Hills
- Grand Avenue/Lakeshore commercial district flooding
- Oakland Parks and Rec swimming pools: potential damage after an earthquake?

### Photos from meeting

