



Engineering, Operations, & Technology Committee

# Hazard Mitigation Plan Update

Item 6b

April 13, 2026

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## Item 6b

### Hazard Mitigation Plan Update

#### Subject

Hazard Mitigation Plan Update

#### Purpose

Update the Board on the development status and content of Metropolitan's Local Hazard Mitigation Plan (LHMP)

#### Next Steps

Staff will return to the Board for adoption of the LHMP following receipt of conditional approval by the Federal Emergency Management Agency (FEMA)

# Local Hazard Mitigation Plan

## Purpose

- To protect Metropolitan's community lifelines from the impacts of natural hazards and strengthen Metropolitan's ability to continue providing water service following a natural disaster

## Benefits

- Metropolitan will become eligible to participate in FEMA Hazard Mitigation Grant Programs to help fund projects that reduce risk from natural hazards

# Local Hazard Mitigation Plan – Requirements & Key Steps

- Assemble Core Planning Team
  - Engineering, Operations, Legal, Security, Emergency Response, External Affairs
- Identify public engagement strategy
- Develop draft plan
- Public review & comment
- CalOES & FEMA review
- Board adoption



# Local Hazard Mitigation Plan – Planning Area



# Hazard Mitigation Plan – Mitigation Goals & Objectives

Goals	Objectives
<ol style="list-style-type: none"><li>1. Protect life &amp; property</li><li>2. Increase public awareness of risk &amp; loss of water service</li><li>3. Protect Metropolitan's community lifelines</li><li>4. Facilitate partnerships with member agencies &amp; coordinate implementation of mitigation actions</li><li>5. Maintain continuity of essential services</li><li>6. Enhance resilience, sustainability &amp; reliability</li></ol>	<ol style="list-style-type: none"><li>1. Implement activities that assist in protecting lives by making infrastructure, community lifelines &amp; other property more resistant to hazards</li><li>2. Raise awareness &amp; communicate risk to Metropolitan's stakeholders</li><li>3. Assess vulnerability of key resources &amp; critical infrastructure</li><li>4. Mitigate vulnerable infrastructure to reduce/minimize future hazards &amp; disasters</li><li>5. Leverage grant funding &amp; low-interest loan programs for hazard mitigation capital projects</li><li>6. Establish procedures &amp; programs to ensure mitigation projects for community lifelines, services &amp; infrastructure</li><li>7. Diversify Metropolitan's water supply portfolio</li><li>8. Preserve, rehabilitate &amp; enhance natural systems to serve natural hazard mitigation functions</li><li>9. Increase flexibility of Metropolitan's water supply &amp; distribution system</li></ol>

## Public Engagement

### Outreach Activities

- Strategy developed around 3 groups
  - Member agencies, county emergency managers & public
- Created webpage for public awareness
- Workshops with member agencies & emergency managers
- Public webinar to introduce LHMP held prior to public review & comment period
  - Over 800 invitations to governmental & non-governmental agencies

# Organization Capabilities Assessment

- Outlines organization's ability to implement LHMP
  - Financial
  - Administrative & technical
  - Manufacturing & construction
  - Outreach
- Documents existing plans/studies addressing different hazards



Heavy Equipment for Construction



Manufacturing Equipment at La Verne Shops

# Hazard Identification & Risk Assessment

- 8 Key hazards evaluated
  - Dam failure, drought, earthquake, extreme heat, flood, landslide, wildfire & wind
  - Climate change incorporated in each risk
- Develop general risk profile for each hazard
  - Determine exposure: Metropolitan assets that the hazard could affect
  - Estimate potential impacts to assets, operations & public



FEMA Floodplain Mapping for the Planning Area

# Mitigation Actions

- 34 mitigation actions identified
  - Actions address each hazard assessed
  - Includes projects within Capital Investment Plan (CIP), potential future projects not in CIP, ongoing programs & recurring plan updates
- Projects must be listed in LHMP to be eligible for FEMA grant funding



Pure Water Southern California  
Demonstration Plant



Conservation Outreach Programs -  
Bewaterwise Website

# Local Hazard Mitigation Plan

## Plan Maintenance

- Biennial Progress Reports
  - Status updates, implementation tracking
- Plan Updates
  - Formal plan update every 5 years to maintain eligibility for grant funding
  - Adopted plan can be modified to add projects as needed

## Local Hazard Mitigation Plan

### Current Status & Next Steps

- February 2026 – Plan submitted to California Office of Emergency Services (CalOES) for review
- March 2026 – Received CalOES approval; plan forwarded to FEMA for review
- Following conditional approval by FEMA, staff will return to Board for adoption of LHMP
- Federal shutdown may impact LHMP reviews

