

SECTION 4K

DAM-RESERVOIR FAILURE

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Section 4K - DAM/RESERVOIR FAILURE

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CITY OF LOS ANGELES HAZARD MITIGATION PLAN

MISSION, GOALS & OBJECTIVES

Mission

The mission of the City of Los Angeles Local Hazard Mitigation Plan is to establish and promote a comprehensive mitigation policy and program to protect City residents, their property, public facilities, the infrastructure and the environment from natural and manmade hazards.

Each one of the Dam/Reservoir Failure mitigation measures is designed to address one or more of the following goals. This is indicated in the last item shown with each mitigation measure.

Goals

- **Goal 1 - Protect Life and Property**
- **Goal 2 - Increase Public Awareness**
- **Goal 3 - Strengthen Partnerships**
- **Goal 4 - Increase Emergency Service Effectiveness**
- **Goal 5 - Environmental & Historical Preservation**

Identification of Mitigation Measures

This section describes measures developed by City departments to mitigate the risks associated with identified hazards and to meet the Goals and Objectives of the Plan. Recently completed and ongoing mitigation programs and projects are listed, as well as proposed projects. Within each subsection projects are grouped by primary responsible City department or agency.

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(Example)

Field Name	Definition
Cost:	\$ = Estimated cost in dollars currently funded [\$] = Estimated cost in dollars not funded FTE = Full Time Equivalent staff currently funded [FTE] = Full Time Equivalent staff not funded TBD = Cost information to be determined later
Schedule:	Ongoing = a continuous program Start = estimated program start Finish = estimated program finish Not Scheduled = no start date has been established TBD = Schedule information to be determined later
Objective Addressed:	Objectives that relate to the program
Responsible Agency:	City Departments/Bureaus and outside agencies
Financing:	Funding sources for the identified program
Goals Addressed:	Identification of one or more of the five established goals

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PROPOSED MITIGATION MEASURES

Harbor Department (HAR)

DR-HAR-01

Program/Project: Install fill in areas that have receded in Terminals No. 38, 55, 67, 80, 81, 82, 91.

Description: N/A.

Cost: TBD

Schedule: TBD

Objective Addressed: 1C, 4A

Responsible Agency: Harbor Department

Financing: TBD

Goals Addressed: -Protect life/property
-Increase effectiveness of City emergency services

DR-HAR-02

Program/Project: Install dikes in problematic areas in Terminals No. 38, 55, 67, 80, 81, 82, 91.

Description: N/A.

Cost: TBD

Schedule: TBD

Objective Addressed: 1C, 4A

Responsible Agency: Harbor Department

Financing: TBD

Goals Addressed: - Protect life/property
- Increase effectiveness of City emergency services

DR-HAR-03

Program/Project: Install pumps in problematic areas in Terminals No. 38, 55, 67, 80, 81, 82, 91.

Description: N/A.

Cost: TBD

Schedule: TBD

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Objective Addressed: 1C, 4B
Responsible Agency: Harbor Department
Financing: TBD
Goals Addressed: -Protect life/property
-Increase effectiveness of City emergency services

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EXISTING/ONGOING MITIGATION MEASURES

Department of Public Works (DPW)

DR-DPW-01

Program/Project: Storm Water Facilities
Description: Ongoing program to design and build Storm water facilities for flood control and to abate non-point pollution.

Cost: \$8,148K (currently funded)
Schedule: Ongoing/continuous
Objective Addressed: 1D, 5B
Responsible Agency: DPW, Bureau of Engineering
Financing: Special Fund, CIP
Goals Addressed:
-Protect life/property
-Increase public awareness
-Environmental/historical preservation

DR-DWP-02

Program/Project: Provide dam inundation maps to the public.
Description: N/A.

Cost: TBD
Schedule: Start July/2002; Ongoing
Objective Addressed: 1B, 2A
Responsible Agency: DPW, Bureau of Engineering
Financing: Storm water Pollution Abatement Fund
Goals Addressed:
-Protect life/property
-Increase public awareness

Department of Water and Power (DWP)

DR-DWP-01

Program/Project: Provide Updates to Flood Hazard Mitigation Coordinator
Description: Annually transfer electronic data regarding structures damaged due to flooding caused by catastrophic events to the Flood Hazard Mitigation Coordinator.

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Cost: 0.1 FTE
Schedule: Start (July/2002); Ongoing
Objective Addressed: 1A
Responsible Agency: Department of Building and Safety
Financing: DWP
Goals Addressed: -Protect life/property

DR-DWP-02

Program/Project: Provide HAZMAT Information to Flood Hazard Mitigation Coordinator
Description: Annually transfer electronic data regarding hazardous materials storage (including water reactive chemicals) to the Flood Hazard Mitigation Coordinator.

Cost: 0.1 FTE
Schedule: Start (September/2001); Ongoing
Policy Addressed: 1A
Responsible Agency: DWP; Fire Department
Financing: DWP
Goals Addressed: -Protect life/property

DR-DWP-03

Program/Project: Electrical Substation Maintenance
Description: ESM call out system for emergencies.

Cost: TBD
Schedule: Ongoing/continuous
Objective Addressed: 1B, 4A
Responsible Agency: Department of Water and Power - Power
Financing: DWP
Goals Addressed: -Protect life/property
-Increase effectiveness of City emergency services

DR-DWP-04

Program/Project: LA Aqueduct System Ground Base Patrolling
Description: Daily security patrols for the LA Aqueduct

Cost: \$6.9M (currently funded)
Schedule: 07/01/03 - 06/30/06

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Objective Addressed: 1B
Responsible Agency: Department of Water and Power - Water
Financing: DWP
Goals Addressed: -Protect life/property