

SECTION 4G

HAZARDOUS MATERIAL INCIDENT

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Section 4G - HAZARDOUS MATERIAL INCIDENT

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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 Hazardous Materials Incident 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 & OBJECTIVES

- **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.

CITY OF LOS ANGELES HAZARD MITIGATION PLAN

(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

CITY OF LOS ANGELES HAZARD MITIGATION PLAN

PROPOSED MITIGATION MEASURES

Department of Airports (LAWA)

HZ-LAWA-01 (Project Complete)
Program/Project: Underground Storage Tank Upgrades (LAWA)
Description: **COMPLETED**
Cost: \$1,000,000
Schedule: Estimated construction start date: December 2004.
Estimated construction completion date: June 2005.
Objective Addressed: 1C, 4A, 5B
Responsible Agency: Airports
Financing: LAWA Fund, Mitigation Grant Money
Goals Addressed:
-Protect life/property
-Increase emergency services effectiveness
-Environmental and historical preservation

HZ-LAWA-05
Program/Project: Perimeter enhancements – Guard Post 3
Description: **DROPPED**
Cost: \$1.5 million
Schedule: Dropped in the latter half of 2005. LAWA PD will not operate this post other than for special situations.

Department of General Services (GSD)

HZ-GSD-01
Program/Project: Blood Borne Pathogen (BBP) Kit
Description: Kits located at each LAPD facility for cleanup of any blood borne pathogen waste. Includes: disposable coveralls, booties, masks, gloves and brooms
Cost: TBD
Schedule: Ongoing
Objective Addressed: 1B, 1C
Responsible Agency: GSD, Custodial Services

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CITY OF LOS ANGELES HAZARD MITIGATION PLAN

Financing: Future Funding
Goals Addressed: -Protect life/property

HZ-GSD-02

Program/Project: Training on Use of Blood Borne Pathogen (BBP) Kit
Description: All Custodial Attendants receive training on proper use and handling of equipment and BBP Kits. By GSD staff.

Cost: TBD
Schedule: Ongoing
Objective Addressed: 1A, 1B, 1C
Responsible Agency: GSD, Custodial Services
Financing: Future Funding
Goals Addressed: -Protect life/property

Los Angeles Police Department (LAPD)

HZ-LAPD-01

Program/Project: Technological, Chemical and Biological Detection Devices
Description: Purchase and deploy devices developed to detect chemical, biological, radiological and nuclear threats; and to provide public warnings of those threats. It is proposed that both stationary and portable devices be deployed in the vicinity of critical facilities for screening of personnel, packages and vehicles prior to entry these identified facilities. Portable devices will provide officials with the capability to deploy detection devices and screen vehicles, personnel, and packages at major special events (i.e. Grammy Awards, Academy Awards, Major sporting events, etc.).

Cost: Exploranium Radiation Detection Systems have been deployed in the State of Tennessee at a cost of \$100,000. Per system. These systems have been utilized to screen vehicles traveling on major interstate highways.
Schedule: TBD
Objective Addressed: 1A, 1B, 1C, 3A, 4A, 4B, 4C
Responsible Agency: TBD
Financing: Proposed Federal Grant Funding
Goals Addressed: -Protect life/property
-Strengthen partnerships

CITY OF LOS ANGELES HAZARD MITIGATION PLAN

-Increase emergency services effectiveness

HZ-LAPD-02

Program/Project: Technology - Explosive Detection Devices
Description: Purchasing and deploying both portable and stationary explosives detection devices that will provide officials with the capacity to screen persons, packages and vehicles entering fixed critical facilities and special events for explosives. Technology has been developed enabling the detection of plastic, low metal content, TNT explosives and land mines. Multiple companies exist that have developed and sell explosive detection systems. With grant funding, the Department will be able to conduct in depth research of existing technology, deploying state of the art reliable equipment.

Cost: \$1,000,000 (Per system)
Schedule: TBD
Objective Addressed: 1A, 1B, 1C, 4B
Responsible Agency: LAPD
Financing: Proposed Federal Grant Funding
Goals Addressed: -Protect life/property
-Increase emergency services effectiveness

HZ-LAPD-06

Program/Project: Technological, Chemical and Biological Detection Devices
Description: Purchase and deploy devices developed to detect chemical, biological, radiological and nuclear threats; and to provide public warnings of those threats. It is proposed that both stationary and portable devices be deployed in the vicinity of critical facilities for screening of personnel, packages and vehicles prior to entry these identified facilities. Portable devices will provide officials with the capability to deploy detection devices and screen vehicles, personnel, and packages at major special events (i.e. Grammy Awards, Academy Awards, Major sporting events, etc.).

Cost: Exploranium Radiation Detection Systems have been deployed in the State of Tennessee at a cost of \$100,000. Per system. These systems have been utilized to screen vehicles traveling on major interstate highways.
Schedule: TBD

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Objective Addressed: 1A, 1B, 1C, 4A, 4B
Responsible Agency: TBD
Financing: Proposed grant funding from federal funding sources
Goals Addressed: -Protect life/property
-Increase emergency services effectiveness

Department of Transportation (DOT)

HZ-DOT-01

Program/Project: Personal Protective Equipment (PPE)
Description: Personal Protective Equipment and training for all Department of Transportation first responder personnel.

Cost: [\$150,000, FTE]
Schedule: TBD
Objective Addressed: 1C, 4B
Responsible Agency: DOT
Financing: Department of Homeland Security Grants, Staff Time
Goals Addressed: -Protect life/property
-Increase emergency services effectiveness

Department of Water and Power (DWP)

HZ-DWP-01

Water

Program/Project: L.A. Aqueduct System Ground Base Patrolling
Description: Daily patrols of Aqueduct, reservoirs, & associated facilities.

Cost: \$ 6.9 M
Schedule: Ongoing
Objective Addressed: 1B, 5B
Responsible Agency: Department of Water and Power - Water
Financing: DWP
• Goals Addressed: Protect life/property
• Environmental
Preservation

HZ-DWP-02

Water

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CITY OF LOS ANGELES HAZARD MITIGATION PLAN

Program/Project: L.A. Aqueduct System Helicopter Patrolling
Description: Helicopter patrols of Aqueduct, reservoirs and associated facilities.

Cost: \$ 1.5 M
Schedule: Ongoing
Objective Addressed: 1A, 5A
Responsible Agency: Department of Water and Power - Water
Financing: DWP

- Goals Addressed: Protect life/property
- Environmental Preservation

HZ-DWP-03

Water

Program/Project: Electronic Surveillance of critical facilities, consisting of video cameras and access controls at critical water facilities.
Description: Electronic surveillance of critical facilities, consisting of video cameras and access controls at critical water facilities.

Cost: \$ 20.4 M
Schedule: 7/06/03 through 7/05/10
Objective Addressed: 1A, 5A
Responsible Agency: Department of Water and Power - Water
Financing: DWP

- Goals Addressed: Protect life/property
- Environmental Preservation

HZ-DWP-04

Water

Program/Project: Physical security improvements at reservoirs, dams, facilities.
Description: Includes fencing, gates, k-rail, & other physical barriers to enhance facility security.

Cost: \$ 1.5 M
Schedule: 7/01/04 through 6/30/12
Objective Addressed: 1A
Responsible Agency: Department of Water and Power - Water
Financing: DWP

- Goals Addressed: Protect life/property

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CITY OF LOS ANGELES HAZARD MITIGATION PLAN

HZ-DWP-05

Customer Service

Program/Project: Customer Workshops on Emergency Preparedness

Description: Annual Business Customer Workshops on Emergency Preparedness

Cost: \$ 5,000

Schedule: Ongoing

Objective Addressed: 1B, 2A, 3A, 4C

Responsible Agency: Department of Water and Power - Customer Service

Financing: DWP

- Goals Addressed: Protect life/property
- Increase Public Awareness
- Strengthen Partnerships
- Increase Effectiveness of City Emergency Services

HZ-DWP-06

Customer Service

Program/Project: Customer Call Center, Electric Trouble, Water Quality

Description: Integrate Customer Connect with Customer Call Center, Electric Trouble, Water Quality

Cost: Cost to be determined later

Schedule: 7/01/07 through 6/30/08

Objective Addressed: 3A, 4A

Responsible Agency: Department of Water and Power - Customer Service

Financing: DWP

- Goals Addressed: Strengthen Partnerships
- Increase Effectiveness of City Emergency Services

HZ-DWP-07

IT

Program/Project: Backup Network Operations Centers

Description: Backup Network Operations Centers

Cost: \$60 K

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Schedule: Ongoing
Objective Addressed: 4A
Responsible Agency: Department of Water and Power - IT
Financing: DWP
• Goals Addressed: Increase Effectiveness of City Emergency Services

HZ-DWP-08

IT

Program/Project: 900 MHz Mobile Radio Purchase and Installation
Description: 900 MHz Mobile Radio Purchase and Installation

Cost: \$1.0 M
Schedule: Ongoing
Objective Addressed: 1A, 4A
Responsible Agency: Department of Water and Power - IT
Financing: DWP
• Goals Addressed: Protect Life and Property
• Increase Effectiveness of City Emergency Services

HZ-DWP-09

Water

Program/Project: Daily In-City Helicopter Patrolling
Description: DWP pilots and security officers patrolling critical water facilities, including tanks; reservoirs, pump stations & treatment facilities via helicopter.

Cost: \$1.1 M
Schedule: 7/03/03 through 07/02/12
Objective Addressed: 1A, 6A
Responsible Agency: Department of Water and Power - Water
Financing: DWP
• Goals Addressed: Protect Life and Property
• Environmental Preservation

HZ-DWP-10

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CITY OF LOS ANGELES HAZARD MITIGATION PLAN

Water

Program/Project: Water Quality Microtox Sampling and Testing Surveillance
Description: Testing is to detect any contamination or tampering of water system.

Cost: \$1.0 M
Schedule: 7/05/03 through 7/04/12
Objective Addressed: 1A, 6A
Responsible Agency: Department of Water and Power - Water
Financing: DWP

- Goals Addressed: Protect Life and Property
- Environmental Preservation

HZ-DWP-11

Program/Project: Emergency Equipment Project
Description: Obtain emergency personal protective response equipment through Office of Emergency Services' Federal Grant.

Cost: \$300,000
Schedule: No start date
Objective Addressed: 1B, 4B, 5B
Responsible Agency: DWP, Power
Financing: Special Fund (currently not funded)

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

HZ-DWP-12

Water

Program/Project: Security Component to Removing Open Reservoirs
Description: Security component to removing open reservoirs, i.e., security benefit attributed to covering reservoirs. Covering reservoirs provides a security benefit due to the added difficulty to access the treated water.

Cost: \$71.4 M
Schedule: 7/07/03 through 7/06/12
Objective Addressed: 1A, 6A
Responsible Agency: Department of Water and Power - Water
Financing: DWP

- Goals Addressed: Protect Life and Property

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CITY OF LOS ANGELES HAZARD MITIGATION PLAN

- Environmental Preservation

HZ-DWP-13

Water

Program/Project: Emergency Telephone Pilot Project

Description: A contractor shall provide automated, prerecorded, high volume telephone calling and tracking services to LADWP so customers can be quickly notified about boil water notices, water outages, emergency alerts, power outages, post-earthquake notices, other emergency situations related to water and power service, etc.

Cost: \$2 M
Schedule: 1/01/08 through 1/01/11
Objective Addressed: 1A, 2A, 3A, 4A
Responsible Agency: Department of Water and Power - Water
Financing: DWP

- Goals Addressed: Protect Life and Property
- Increase Public Awareness
- Strengthen Partnerships
- Increase Effectiveness of City Emergency Services

HZ-DWP-14

Program/Project: On-line Water Quality Monitoring

Description: Installation of on-line, real time, remote monitoring for the following types of water quality constituents: 1) physical, 2) inorganic, 3) organic, 4) microbial, and 5) radiologicals. These monitors will be installed at key water supply locations and in the distribution system.

Cost: \$3 M
Schedule: 1/01/08 through 1/01/13
Objective Addressed: 1A, 4A
Responsible Agency: Department of Water and Power - Water
Financing: DWP

- Goals Addressed: Protect Life and Property

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CITY OF LOS ANGELES HAZARD MITIGATION PLAN

- Increase Effectiveness of City Emergency Services

Department of Animal Services (ASD)

HZ-ASD-01

Program/Project: Animal Decontamination System
Description: Purchase a portable decontamination system and field shelter to decontaminate animals exposed to toxic chemicals after a disaster and a trailer.

Cost: \$85,000
Schedule: Ongoing
Objective Addressed: 1A, 4A
Responsible Agency: Department of Animal Services
Financing: TBD
Goals Addressed: -Protect life/property
-Increase emergency services effectiveness

HZ-ASD-02

Program/Project: Personal Protective Equipment
Description: Personal Protective Equipment and training for all Department of Animal Services first responder personnel.

Cost: \$20,000
Schedule: TBD
Objective Addressed: 1A, 4A
Responsible Agency: Department of Animal Services
Financing: TBD
Goals Addressed: -Protect life/property
-Increase emergency services effectiveness

EXISTING MITIGATION MEASURES

Department of Building and Safety (LADBS)

HZ-LADBS-01

Program/Project: Enforcement of existing building codes.
Description: Regulation of buildings and structures.

Cost: Recovered through permit fees.
Schedule: Ongoing
Objectives Addressed: 1B, 1C, 4A, 4C
Responsible Agency: LADBS
Financing: General Fund
Goals Addressed: -Protect life/property
-Increase emergency service effectiveness

HZ-LADBS-02

Program/Project: Enforcement of existing mechanical codes.
Description: Regulation of heating, ventilation, air conditioning, and refrigeration equipment and other miscellaneous heat producing appliances.

Cost: Recovered through permit fees.
Schedule: Ongoing
Objectives Addressed: 1B, 1C, 4A, 4C

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Responsible Agency: LADBS
Financing: General Fund
Goals Addressed: -Protect life/property
-Increase emergency service effectiveness

HZ-LADBS-03

Program/Project: Enforcement of plumbing codes.
Description: Regulation of plumbing, fire sprinkler, and all water piping systems.

Cost: Recovered through permit fees.
Schedule: Ongoing
Objectives Addressed: 1B, 1C, 4A, 4C
Responsible Agency: LADBS
Financing: General Fund
Goals Addressed: -Protect life/property
-Increase emergency service effectiveness

Los Angeles Fire Department (LAFD)

HZ-LAFD-01

Program/Project: Underground Storage Tank Program
Description: Inspection and Environmental Oversight.

Cost: \$2,100,000
Schedule: Ongoing
Objective Addressed: 1A, 1C, 5B
Responsible Agency: LAFD, Fire Prevention Bureau, Environmental Enforcement Unit, HazMat Programs Unit, Plan Check Permitting and Environmental Assessment Unit
Financing: General Fund - Fee supported
Goals Addressed: -Protect life/property
-Environmental and historical preservation

HZ-LAFD-02

Program/Project: Hazardous Materials Inspection and Data Management Program
Description: Continuous monitoring of all reportable hazardous materials in the City.

Cost: \$2,700,000
Schedule: Ongoing

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Objective Addressed: 1A, 1B, 1C, 4A, 5B
Responsible Agency: LAFD Fire Prevention Bureau, Environmental Enforcement Unit, HazMat Programs Unit
Financing: General Fund - Fee supported
Goals Addressed: -Protect life/property
-Increase emergency services effectiveness
-Environmental and historical preservation

HZ-LAFD-03

Program/Project: California Accidental Release Prevention Program
Description: See "Public Health Threats."

Cost: \$238,000
Schedule: Ongoing
Objective Addressed: 1A, 1B, 1C, 4C, 5B
Responsible Agency: LAFD, Fire Prevention Bureau, HazMat Programs Unit
Financing: General Fund - Fee supported
Goals Addressed: -Protect life/property
-Increase emergency services effectiveness
-Environmental and historical preservation

HZ-LAFD-04

Program/Project: Hazardous Material Response Program
Description: Identifies special safety and response procedures; Department of Transportation emergency response guide book identifies type of product and medical concerns and evacuation procedures

Cost: FTE
Schedule: Ongoing
Objective Addressed: 1B, 4A, 4B
Responsible Agency: LAFD
Financing: General Fund
Goals Addressed: -Protect life/property
-Increase emergency services effectiveness

HZ-LAFD-05

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Program/Project: Fire Prevention Program
Description: LAFD Maintains and enforces Los Angeles fire code and building codes; Fire Inspectors inspect high-rise building, high occupancy building, hazardous materials, schools, churches, brush districts etc.

Cost: FTE
Schedule: Ongoing
Objective Addressed: 1A, 1B, 1C, 4A, 4C
Responsible Agency: LAFD
Financing: General Fund
Goals Addressed: -Protect life/property
-Increase public awareness

Department of General Services (GSD)

HZ-GSD-03

Program/Project: Division Training in Emergency Procedures
Description: 20 employees trained in: emergency evacuation procedures, traffic control within parking area, street closure, revenue security, power failure, MSDS precaution during oil absorbent use and disposal, including oil spill removal.

Cost: In-house
Schedule: Ongoing
Objective Addressed: 1B, 1C, 4B
Responsible Agency: GSD, Parking Services
Financing: General Fund, Staff Time
Goals Addressed: -Protect life/property
-Increase emergency services effectiveness

Harbor Department (HAR)

HZ-HAR-01

Program/Project: Vehicle Refueling Appliances (VRA) -
Description: Compressed Natural Gas Pumps at Harbor Administrative Building and two at Construction and Maintenance

Cost: \$539,000
Schedule: 6/1/99-4/20/07

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Objective Addressed: 1C, 5B
Responsible Agency: Harbor Department
Financing: Capital Improvement Budget
Goals Addressed: -Protect life/property
-Environmental/historical preservation

Los Angeles Police Department (LAPD)

HZ-LAPD-03

Program/Project: Personal Protective Equipment (PPE)
Description: LAPD has provided all its personnel with Personal Protective Equipment (PPE) in order to save the lives of and allow Police personnel to assist when incidents of chemical or biological releases occur.

Cost: FTE, TBE
Schedule: Ongoing
Objective Addressed: 4B, 1C
Responsible Agency: LAPD, LAFD, PW, Bureau of Street Services, DOT and GSD, Security.
Financing: General Fund
Goals Addressed: -Protect life/property
-Increase emergency services effectiveness

HZ-LAPD-04

Program/Project: LAPD's Hazardous Materials Unit
Description: This unit is responsible for enforcing a variety of laws to mitigate the possible illegal use or transportation of hazardous materials. Additionally, this unit responds to radio calls when materials are discovered and may pose a threat to the public. They include, but are not limited to, the enforcement of the following laws: Code of Federal Regulations, Code of California Regulations, California Penal Code, Los Angeles Municipal

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Code, California Motor Vehicle Code, Resources, Conservation and Recovery Act. Additionally, the equipment is needed to mitigate or detect any release of a chemical, biological, nuclear or radiological material. They include: (6) Gas Detectors, (6) Vehicles, (1) Bio-Censor, (6) Sampling Packs, (6) Hazardous Materials Catalog Kits, (6) Radiation Detectors, (3) Chemical Detectors, (4) Field Microscopes, (2) Infra-Red Spectrometers, (75) Level "A" Suits, (75) Level "B" Suits, (500) Level "C" Suits, (30) Level "D" Suits.

Cost: FTE, TBD
Schedule: Ongoing
Objective Addressed: 1C, 4B, 4A
Responsible Agency: LAPD, LAFD, PW, Bureau of Street Services, DOT and GSD, Security.
Financing: General Fund
Goals Addressed: -Protect life/property
-Increase emergency services effectiveness

HZ-LAPD-05

Program/Project: 24-Hour Tip Telephone Number, 1 - (877) A - THREAT
Description: The Police Department has established a 24-hour tip telephone number to allow the public to report unusual or possible terrorist activity.

Cost: FTE, TBD
Schedule: Ongoing
Objective Addressed: 1A, 1B, 2A, 2B, 2C, 3A, 3B, 4A
Responsible Agency: LAPD, LAFD, PW, Bureau of Street Services, DOT and GSD, Security.
Financing: General Fund
Goals Addressed: -Protect life/property
-Increase public awareness
-Strengthen partnerships
-Increase emergency services effectiveness

HZ-LAPD-07

Program/Project: LAPD's Explosive Unit Bomb Squad
Description: The Bomb Squad has recently increased in size to combat the ever increasing threat to the City of Los Angeles. The Bomb Squad increased both the number of Officers and Detectives assigned to

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the Unit, but in the number and types of tools utilized daily. The tools utilized by the Bomb Squad include: California Penal Code, Federal Laws, Health and Safety Codes, Los Angeles Municipal Code, (12) Bomb Sniffing Dogs (K-9s), (21) X-Ray Machines, (22) Bomb Blankets, (22) Bomb Suits, (22) Flack Jackets, (3) Remote Controlled Robots, (1) Total Containment Vehicle, (23) Vehicles, (1) Trailer-Tow Robots or Other Tools, (22) Tool Kits.

Cost: FTE, TBD
Schedule: Ongoing
Objective Addressed: 1A, 1B, 1C, 4B
Responsible Agency: LAPD, LAFD, PW, Bureau of Street Services, DOT and GSD, Security.
Financing: General Fund
Goals Addressed: -Protect life/property
-Increase emergency services effectiveness

Department of Public Works (DPW)

HZ-DPW-01

Program/Project: Special, Mobile Hazardous Waste Collection -
Description: A program to conduct special, mobile hazardous waste collection to dispose of household chemicals and materials.

Cost: \$3,300,000, FTE
Schedule: Ongoing
Objective Addressed: 1C, 5B
Responsible Agency: DPW, Bureau of Sanitation
Financing: Special Fund,
Goals Addressed: -Protect life/property
-Environmental and historical preservation

HZ-DPW-02

Program/Project: Spill Prevention Program at Industrial Waste Management Division
Description: A program to reduce and prevent spills.

Cost: \$70,000, FTE

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Schedule: Ongoing
Objective Addressed: 1B, 1C, 5B
Responsible Agency: DPW, Bureau of Sanitation
Financing: General Fund
Goals Addressed: -Protect life/property
-Environmental preservation

HZ-DPW-03

Program/Project: Load Checking program at Central Los Angeles Recycling and Transfer Station (CLARTS)
Description: A visual inspection program to check contents of the load to verify that contents are recyclable.

Cost: TBD
Schedule: TBD
Objective Addressed: 1B, 1C, 5B
Responsible Agency: DPW, Bureau of Sanitation
Financing: General Fund, Mitigation Grant Funds
Goals Addressed: -Protect life/property
-Environmental & historical preservation

HZ-DPW-04

Program/Project: Special, Mobile Hazardous Waste Collection
Description: A program for Los Angeles residents to conduct special, mobile hazardous waste collection to dispose of household chemicals and materials.

Cost: \$3,300,000, FTE
Schedule: Ongoing
Objective Addressed: 1B, 2A, 2B, 2C, 3A, 3B, 5B
Responsible Agency: DPW, Bureau of Sanitation
Financing: Special Fund,
Goals Addressed: -Protect life/property
-Increase public awareness
-Strengthen partnerships
-Environmental and historical preservation

HZ-DPW-05

Program/Project: Debris Removal
Description: Special daily cleaning of condensed homeless areas within the public right-of-way. Clear roadways for emergency vehicle access.

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Cost: \$1,345,283, FTE
Schedule: Ongoing
Objective Addressed: 1B, 4A, 5B
Responsible Agency: DPW, Bureau Street Services
Financing: General Fund, Special Fund
Goals Addressed:
-Protect life/property
-Increase emergency services effectiveness
-Environmental and historical preservation

HZ-DPW-06

Program/Project: Contract for Venice Canals' Maintenance
Description: To maintain environmental stability of the historic waterways.

Cost: \$240,445, FTE
Schedule: Ongoing
Objective Addressed: 1B, 5B
Responsible Agency: DPW, Bureau of Street Services
Financing: General Fund, Special Fund
Goals Addressed:
-Protect life/property
-Environmental preservation

Department of Water and Power (DWP)

HZ-DWP-01

Program/Project: Spill Mitigation Project
Description: Spill prevention, control and countermeasures mitigation work at various substation facilities.

Cost: \$1,000,000 (currently funded)
Schedule: 7/06 through 7/08
Objective Addressed: 1B, 1C, 5B
Responsible Agency: DWP, Power
Financing: DWP
Goals Addressed:
-Protect life/property
-Environmental and historical preservation

HZ-DWP-02

Program/Project: Asbestos Abatement Program
Description: Asbestos abatement work at various substation facilities.

Cost: TBD
Schedule: 7/06 through 7/08
Objective Addressed: 1B, 1C, 5B

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Responsible Agency: DWP, Power
Financing: DWP
Goals Addressed: -Protect life/property
-Environmental and historical preservation

HZ-DWP-03

Program/Project: Asbestos Training Program
Description: Training for employees who perform asbestos and lead abatement work and training on emergency response procedures.

Cost: TBD
Schedule: 7/06 through 7/08
Objective Addressed: 1B, 1C, 5B
Responsible Agency: DWP, Power
Financing: DWP
Goals Addressed: -Protect life/property
-Environmental and historical preservation

HZ-DWP-04

Program/Project: Lead Abatement Project
Description: Lead abatement work at various substation facilities.

Cost: TBD
Schedule: 7/06 through 7/08
Objective Addressed: 1B, 1C, 5B
Responsible Agency: DWP, Power
Financing: DWP
Goals Addressed: -Protect life/property
-Environmental and historical preservation

HZ-DWP-05

Program/Project: Hazardous Materials Cleanup Project
Description: Hazardous materials cleanup and disposal for various business units.

Cost: TBD
Schedule: 7/06 through 7/08
Objective Addressed: 1B, 1C, 5B
Responsible Agency: DWP, Power
Financing: DWP
Goals Addressed: -Protect life/property
-Environmental and historical preservation

CITY OF LOS ANGELES HAZARD MITIGATION PLAN

HZ-DWP-06

Program/Project: Hanta Virus Cleanup Project
Description: Hanta virus cleanup for various business units.

Cost: TBD
Schedule: 7/06 through 7/08
Objective Addressed: 1B, 1C, 5B
Responsible Agency: DWP, Power
Financing: DWP
Goals Addressed: -Protect life/property
-Environmental and historical preservation

HZ-DWP-07

Program/Project: Mercury Flow Meters
Description: Replace mercury flow meters for Water Services Org.

Cost: TBD
Schedule: 7/06 through 7/08
Objective Addressed: 1B, 1C, 5B
Responsible Agency: DWP, Power
Financing: DWP
Goals Addressed: -Protect life/property
-Environmental and historical preservation

HZ-DWP-08

Program/Project: Mercury Cleanup Project
Description: Decontamination at Water Services Org well facilities, and Buena Vista Pumping Station.

Cost: TBD
Schedule: 7/06 through 7/08
Objective Addressed: 1B, 1C, 5B
Responsible Agency: DWP, Power
Financing: DWP
Goals Addressed: -Protect life/property
-Environmental and historical preservation

HZ-DWP-09

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

Cost: TBD
Schedule: 7/06 through 7/08

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Objective Addressed: 1B, 5B
Responsible Agency: DWP, Power
Financing: DWP
Goals Addressed: -Protect life/property
-Increase emergency services effectiveness
-Environmental and historical preservation

HZ-DWP-11

Program/Project: Daily or Weekly, In-City Security Patrols
Description: DWP Security officers patrolling critical water facilities including tanks, reservoirs, pump stations & treatment facilities.

Cost: \$11,100,000 (currently funded)
Schedule: 07/01/03 - 06/30/12
Objective Addressed: 1B, 5B
Responsible Agency: DWP, Water
Financing: Staff Time (DWP)
Goals Addressed: -Protect life/property
-Environmental and historical preservation

HZ-DWP-12 (REMOVE)

Program/Project: Water Quality Sampling and Testing for Surveillance
Description: Perform regular samples and tests of water quality for surveillance purposes.

Cost: \$22,600,000 (currently funded)
Schedule: 07/01/03 - 06/30/06
Objective Addressed: 1B, 1C, 5B
Responsible Agency: DWP, Water
Financing: Capital Improvement Budget (DWP)
Goals Addressed: -Protect life/property
-Environmental and historical preservation

HZ-DWP-13

Program/Project: Water Quality Additions and Betterments
Description: Various small projects including pipe, valve and tank replacements.

Cost: TBD
Schedule: 07/01/03 - 06/30/06
Objective Addressed: 1B, 1C, 5B
Responsible Agency: DWP, Water
Financing: Capital Improvement Budget (DWP)
Goals Addressed: -Protect life/property

CITY OF LOS ANGELES HAZARD MITIGATION PLAN

-Environmental and historical preservation