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Section A. Overview of the Monterey Regional Water Pollution Control Agency (MRWPCA)

The Monterey Regional Water Pollution Control Agency (MRWPCA) operates the regional wastewater treatment plant located two miles north of Marina. It also maintains ten pump stations connected to the treatment plant. The secondary treatment outfall pipe discharges 2.5 miles into Monterey Bay.

MRWPCA member communities are Pacific Grove, Monterey, Del Rey Oaks, Seaside, Sand City, Fort Ord, Marina, Castroville, Moss Landing. See the map of the agency's geographical area below, Exhibit 3-1.

Additionally, MRWPCA operates the water recycling facility at the Regional Treatment Plant (RTP) and manages the distribution system under contract from the Monterey County Water Resources Agency. Sixty percent of incoming effluent is recycled and paid for by Salinas Valley agricultural growers and property owners. The recycling operations provide irrigation water to 12,000 acres of Castroville farmland. Farmlands receiving recycled water are also shown on Exhibit 3-1.

The Monterey Regional Water Pollution Control Agency Mission and Goals

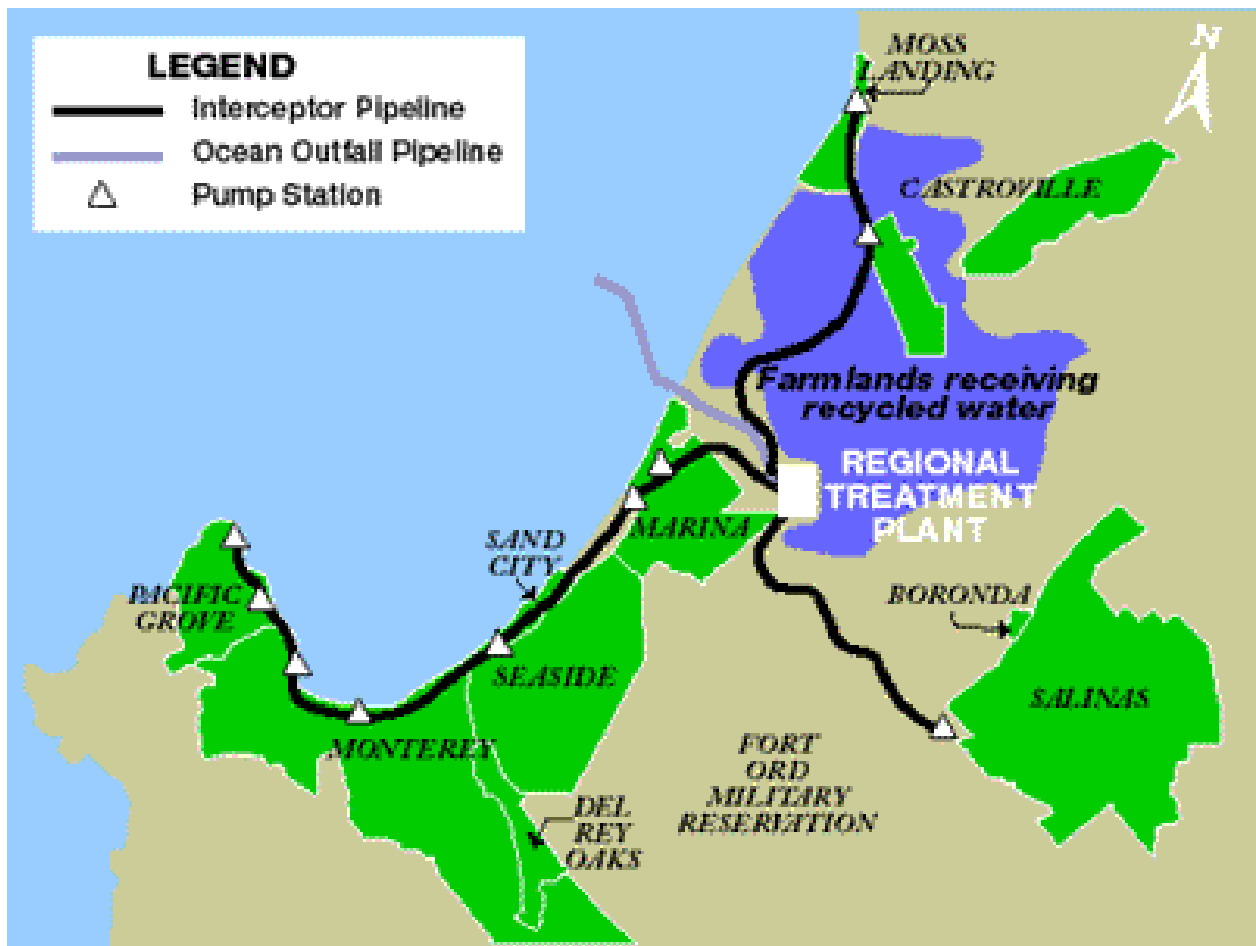
Mission Statement

The Monterey Regional Water Pollution Control Agency is dedicated to meeting the wastewater and reclamation needs of our member agencies while protecting the environment.

Vision Statement

The Monterey Regional Water Pollution Control Agency will be a model customer service provider for the efficient, innovative utilization of wastewater.

Exhibit 3-1, Monterey Regional Water Pollution Control Agency Geographical Area



Core Values

The Monterey Regional Water Pollution Control Agency values (not in priority order):

- Cost-efficient, consistent and reliable service and business practices
- Ethical behavior
- Customer-focused and centered
- Helpful and timely responses
- Loyalty and dedication

Three Year Goals

Goals for 2002-2005 (not in priority order):

- Implement The Salt Reduction Program
- Implement Expeditiously The Rapid Response Plan To Serve New As Well As Existing Customers
- Increase Opportunities For Recycled Water
- Maintain Financial Stability

Section B. Introduction to the Hazard Mitigation Process

Local Hazard Mitigation Planning for MRWPCA

The Disaster Mitigation Act of 2000 (DMA 2000) requires that each state develop a Hazard Mitigation Plan, in order to receive future mitigation funding before or after a disaster. Local jurisdictions and special districts are also required to develop their own plans so that they will be eligible for this funding. The DMA 2000 requirements were established so that programs and projects will be created that will help minimize the loss of life, property, and the total cost of disasters.

Section §201.6(c)(3) of the Disaster Mitigation Act of 2000 outlines the process for local agencies in developing their mitigation strategies. Specifically, the Local Hazard Mitigation Plan must "include a mitigation strategy that provides the jurisdiction's blueprint for reducing the potential losses identified in the risk assessment, based on existing authorities, policies, programs and resources, and its ability to expand on and improve these existing tools." These strategies should be built on an assessment of hazard risks and vulnerabilities. The plans should include measures to mitigate hazard risks and demonstrate the benefit of these activities. They should also identify gaps in knowledge and data and a strategy to maintain and update the data, projects, information, and the overall mitigation plan. The next section of this chapter provides an overview of the requirements and identifies where these requirements have been met within this Local Hazard Mitigation Plan.

The MRWPCA has developed a hazard mitigation strategy based on hazard risk and vulnerability assessments. The agency undertook the multi-hazard risk and vulnerability assessment and mitigation strategy and prioritized these activities. This document details the findings of the assessments and the process used to develop this strategy.

Local Hazard Mitigation Plan Mission Statement

**MONTEREY REGIONAL WATER POLLUTION CONTROL AGENCY (MRWPCA)
LOCAL HAZARD MITIGATION PLAN
MISSION STATEMENT**

To reduce the vulnerability of MRWPCA and its member entities to the effects of natural hazards through the effective use of risk assessments, management approaches, and coordination with other State, regional, and local hazard management plans.

Then we can develop a corresponding list of Goals that would include:

Perform a hazard risk assessment that encompasses all of MRWPCA's facilities

Prepare a floodplain management plan

(This is complete)

Perform a seismic retrofitting assessment, and carry out its recommendations

(This is complete)

Coordinate on an ongoing basis with State, regional, and local planning activities pertaining to risks from natural hazards

Apply for grants under hazard mitigation grant programs to assist with funding of these activities

Review of Local Mitigation Plan Requirements

Requirement §209.6(c)(5)

The Local Hazard Mitigation Plan shall include “documentation that the plan has been formally adopted by the governing body of the jurisdiction requesting approval of the plan (e.g. City Council, County Commissioner, Tribal Council)...”

The Board of Directors of the MRWPCA adopted resolution ***** on *****. This resolution sets up a comprehensive mitigation program to address natural hazards. It not only adopts the current mitigation plan, but also establishes guidelines and programs to maintain the plan. It further designates that the MRWPCA Local Hazard Mitigation Plan Committee will manage the hazard mitigation program.

IFR Requirement §209.6(c)(1)

The plan must document “the planning process used to develop the plan, including how it was prepared, who was involved in the process, and how the public was involved.”

Chapter 4 of this document describes the planning process used, the methods for the risk and vulnerability assessment, how the public was involved. The draft LHMP strategy was publicized for about a month to encourage public comment, and was posted on the agency’s website (www.mrwpc.org). The plan was presented to the MRWPCA Board of Directors for review at a regular meeting. All Board of Directors meetings are open to the public and the public was encouraged to comment on the plan. The MRWPCA main office also had several copies, including an unbound document that could be photocopied upon request. Members of the MRWPCA Local Hazard Mitigation Plan Committee were invited to review and comment on specific sections, to comment on the draft plan, and to distribute the information through their various networks to encourage review.

Requirement §201.6(c)(2)(i)

The risk assessment shall include a “description of the type ... of all natural hazards that can affect the jurisdiction...”

Chapter 5 identifies natural hazards that can affect the MRWPCA service area. As described in Chapter 5, the hazards that have been identified are based on input from the Local Hazard Mitigation Plan Committee and input from the public. Chapter 5 focuses on six natural hazards in the agency’s service area and provides descriptions of these hazards as they affect the agency. Two manmade hazards are analyzed in less detail.

Requirement §201.6(c)(2)(i)

The risk assessment shall include a “description of the ... location and extent of all natural hazards that can affect the jurisdiction. The plan shall include information on previous occurrences of hazard events and on the probability of future hazard events.”

Chapter 5 contains historical occurrences of the natural hazards, along with maps showing the areas that are most at risk from several different types of geologic hazards. MRWPCA service area maps for earthquake, liquefaction, flooding, tsunami and wildfire can be found in Chapter 5.

Requirement §201.6(c)(2) (ii)(A)

The risk assessment shall include a “description of the jurisdiction’s vulnerability to the hazards described in paragraph (c)(2)(i) of this section. This description shall include an overall summary of each hazard and its impact on the community. The plan should describe vulnerability in terms of: The types and numbers of existing and future buildings, infrastructure, and critical facilities located in the identified hazard areas . . .”

Chapter 5, Section B, describes the vulnerability of hazards and impacts on the MRWPCA service area. The tables and maps show how assets (people, buildings, critical facilities and infrastructure) are vulnerable to and would be impacted (as an estimated percentage) by hazards.

Requirement §201.6(c)(2) (ii)(B)

The plan should describe vulnerability in terms of an “estimate of the potential dollar losses to vulnerable structures identified in paragraph (c)(2)(i)(A) of this section and a description of the methodology used to prepare the estimate . . .”

Chapter 5, Section B, describes impacts to MRWPCA facilities in terms of estimated percentages impacted. Vulnerability in terms of potential dollar losses to infrastructure will be included in future updates of the LHMP, as these data become available.

Requirement §201.6(c)(3) (i)

The hazard mitigation strategy shall include: a “description of mitigation goals to reduce or avoid long-term vulnerabilities to the identified hazards.

Chapter 6 describes the mitigation goals and objectives determined by the Local Hazard Mitigation Plan Committee.

Requirement §201.6(c)(3) (ii)

The mitigation strategy shall include a “section that identifies and analyzes a comprehensive range of specific mitigation actions and projects being considered to reduce the effects of each hazard, with particular emphasis on new and existing buildings and infrastructure.

Chapter 6 identifies mitigation actions, policies, and projects that have been in place to reduce hazards. It further identifies projects prioritized to address some of the most critical needs for mitigation.

Requirement §201.6(c)(3) (iii)

The mitigation strategy section shall include “an action plan describing how the actions identified in section (c)(3)(ii) shall be prioritized, implemented, and administered by the local jurisdiction. Prioritization shall include a special emphasis on the extent to which benefits are maximized according to a cost benefit review of the proposed projects and their associated costs.

Chapter 6 describes the mitigation actions and prioritization. The chapter describes the plan for implementation of these actions. The preliminary cost benefit review has been completed for the projects included in the plan. Many of the identified actions include support for policies and activities that could be implemented through existing programs and daily operations by the agency.

Requirement §201.6(c)(4)(i)

The plan maintenance process shall include a section describing the “method and schedule of monitoring, evaluating and updating the mitigation plan within a five-year cycle.

Chapter 7 describes the plan maintenance process, including the schedule for monitoring, evaluating, and updating the mitigation plan within the five-year cycle.

Requirement §201.6(c)(4) (ii)

The plan shall include a “process by which local governments incorporate the requirements of the mitigation plan into other planning mechanisms such as comprehensive or capital improvement plans, when appropriate...”

Several MRWPCA documents include suggested mitigation measures for the impacts of natural and man-made hazards. The MRWPCA Business Response Plan gives mitigation measures for natural and man-made hazards. In addition, the Seismic Vulnerability Evaluation, Wastewater Collection System, Monterey Regional Water Pollution Control Agency, the Review of Potential Damage to Force Mains at 10 Pump Stations due to Long-Term Settlement for the Monterey Regional Water Pollution Control Agency; and the Enhanced Spill Prevention Plan include suggested mitigation for earthquake, settlement and spills. The Local Hazard Mitigation Plan includes input from the above documents and formalizes mitigation strategies. After the agency officially adopts the Local Hazard Mitigation Plan, it will become the official planning document for hazard mitigation strategies.

Requirement §201.6(c)(4) (iii)

The plan maintenance process shall include a “discussion on how the community will continue public participation in the plan maintenance process.”

The plan will be available at the MRWPCA main office. Comments and suggestions will be collected for review and consideration by the MRWPCA Local Hazard Mitigation Plan Committee.

Also, copies of the plan and any proposed changes will be posted on the MRWPCA website, www.mrwpc.org. This site contains an email address and phone number to which people can direct their comments or concerns.

Comments on the LHMP will be taken at future meetings of the MRWPCA Board of Directors, where the public is welcome and encouraged to provide their input. At that time, the Board of Directors and the LHMP Committee will gather comments from the larger community to ensure that the plan continues to implement mechanisms to reduce hazards throughout the county.

Adoption of the Local Hazard Mitigation Plan by the Local Governing Body

To meet the requirements of DMA 2000, the MRWPCA has formally adopted this document, as indicated by the Resolution of the Board of Directors of the MRWPCA in Chapter 1.

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