

1979 ANNUAL REPORT

Submitted by staff  
at 4/1/13 Board Workshop  
Item 7

I. INTRODUCTION

This document is the Annual Report required pursuant to Section 350 and 351 of the Monterey Peninsula Water Management District. The legislature intended that the Annual Report be a written analysis of the activities of the District in the protection and augmentation of water supplies during the previous year. It should be noted that the District has not acquired water utility systems or other long term capital assets related to water delivery during 1979.

The 1979 Draft Annual Report shall be available for public review from February 12, 1980 to March 12, 1980 at the District office, 1010 Cass Street, Room D-9, Monterey, California. A public hearing shall be held on March 12, 1980 to accept testimony from interested parties concerning information contained herein.

II. DISTRICT ACTIVITIES DURING 1979

The MPWMD Law establishes a broad range of powers including the planning, construction and operation of water supply, sewage treatment, flood control and recreation facilities. During 1979 the District chose to concentrate on one power -- planning for water supply. Within this broad goal, the District Board adopted the five following objectives to achieve improved planning for water supply:

A. Refine Water Supply Estimates

Refine estimates regarding the amount of water available to the District service area from present sources and the continued availability and quality of those sources.

B. Evaluate New Supply Sources

Evaluate the feasibility/cost effectiveness of additional

sources of water supply including expanded surface supply, imported supply, conservation, supplementation of potable water with non-potable sources, and desalinization.

C. Refine Water Demand Estimates

Refine estimates regarding the present future water requirements of the District area and determine the areas of use and types of use.

D. Conservation/Education

Assume leadership in the community for ensuring that water is used/developed as efficiently as is practical and for providing information/recommendations to the public regarding water issues.

E. Manage Water Resources

Develop a plan and capabilities to manage the water resources of the District area.

Programs in the latter half of the Fiscal 1978-1979 budget and the first half of the Fiscal 1979-1980 budget have been developed to achieve these objectives. Following is a description of the District programs and accomplishments achieved in 1979, grouped under each of the five objectives listed above:

A. REFINE WATER SUPPLY ESTIMATES

1. Carmel Valley Ground Water Model. The District is the sponsoring agency for the United States Geologic Survey (U.S.G.S.) Carmel Valley Ground Water Model. The Model is a computer simulation of the aquifer which can be used for evaluating potential stress on the aquifer, including predicted well extractions, rainfall magnitudes, and applications of reclaimed water. This study will achieve the objective of refining the water supply estimates by providing an indepth analysis of how much water is available in the Carmel Valley Aquifer. During 1979, the District cooperated with