



**MONTEREY PENINSULA
WATER MANAGEMENT DISTRICT**

187 ELDORADO STREET • POST OFFICE BOX 85
MONTEREY, CA 93942-0085 • (831) 649-4866
FAX (831) 649-3678 • <http://www.mpwmd.dst.ca.us>
September 21, 1998

Gerry Haas
Operations Manager
California-American Water Company
P.O. Box 951
Monterey, CA 93942-0951

**Subject: Quarterly Water Supply Strategy and Budget -- Projected Production Schedule
for Seaside Production Wells**

Dear Gerry:

As a follow up to the quarterly water supply budget meeting on September 4, 1998, we have prepared a projected production schedule for the California-American Water Company (Cal-Am) wells in the Seaside Coastal subareas. This schedule is included as **Enclosure 1** for your review. The schedule includes projected monthly production values for the eight active wells, based on the goals developed for the October to December 1998 budget period, and analysis of the actual performance of the wells during 1998.

Development of this schedule responds to the recommendation in the September 1997 *Seaside Coastal Groundwater Subareas Phase III Update* report prepared by Fugro West, Inc., that ground water production needs to be more evenly distributed throughout the coastal subareas to improve management and protection of the resource. Specifically, a portion of the production from the Paralta well, which taps the deeper Santa Margarita aquifer zone, should be spread out by increasing the utilization of other wells that produce primarily from the shallower Paso Robles aquifer zone. The need to modify current production practices is graphically displayed by the ground water level hydrographs from the District's monitor wells in the coastal area of the Seaside basin. Hydrographs for selected nearby dedicated monitor wells are included for your review as **Enclosure 2**. The locations of these monitor well sites are shown on the map in **Enclosure 3**. Please note that since the onset of the Paralta well full-scale operation in April 1995, water levels in the "deep" monitor wells have continued to decline and have not rebounded to near pre-production levels during the seasonal recovery periods. This is particularly evident in the hydrographs of the deep monitor wells in the vicinity of the Paralta well, the FO-07, FO-08 and FO-09 sites, which indicate a continued declining trend in both maximum drawdown and maximum recovery levels during each seasonal pumping cycle. In addition, the hydrographs of the more coastal sites, PCA-West, PCA-East and MSC, indicate chronic water levels below sea level in the deep monitor wells, without periodic recovery to above sea level conditions, as had existed prior to Paralta well operation.

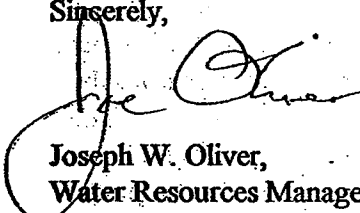
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Based on our experience and understanding of the hydrogeology of the coastal subareas, the sequence of operation of Cal-Am's Seaside wells, from minimum up to full operation of the well system, should be as follows in order to optimize the distribution of production from existing facilities and reduce excessive drawdowns within the basin:

1. Plumas
2. Darwin
3. LaSalle 2
4. Military
5. Playa 3
6. Luzern
7. Ord Grove 2
8. Paralta

Once you have had the opportunity to review the enclosed information, we would like to schedule a meeting to discuss these considerations, and any other options for additional production system modifications that would help meet the objective of optimizing basin yield while protecting the basin's resources from production-related impacts. In addition, we can discuss plans for the upcoming testing of the Seaside Pilot Injection well this winter. We will be in contact in the near future to schedule such a meeting. In the meantime, if you have any questions, please do not hesitate to call. Thanks for your cooperation.

Sincerely,



Joseph W. Oliver,
Water Resources Manager

enclosures

cc: D. Fuerst, D. Dettman, MPWMD