





Monterey Peninsula Water Management District
Water Supply Status
September 1, 2007

Factor	Water Year 2007 Oct-06 – Aug-07	Average To Date	Percent of Average	Water Year 2006 Oct-05 – Aug-06
 Rainfall (Inches)	11.4	21.4	53%	28.0
 Runoff (Acre-Feet)	12,420	69,390	18%	106,789
 Storage (Acre-Feet)	27,340	29,330	93%	30,070
 Steelhead (Adults) (Juveniles)	222 11,971	490 ---	45% ---	345 14,409

Notes:

1. Rainfall and runoff estimates are based on measurements at San Clemente Dam. Annual rainfall and runoff at San Clemente Dam average 21.5 inches and 69,500 acre-feet, respectively. Annual values are based on the water year that runs from October 1 to September 30 of the following calendar year. The rainfall and runoff averages at the San Clemente Dam site are based on records for the 1922-2006 and 1902-2006 periods, respectively.
2. The rainfall and runoff totals are based on measurements through **August 2007**.
3. Storage estimates refer to usable storage in the Monterey Peninsula Water Resources System (MPWRS) that includes surface water in Los Padres and San Clemente Reservoirs and ground water in the Carmel Valley Alluvial Aquifer and in the coastal subareas of the Seaside Ground Water Basin. The storage averages are end-of-month values and are based on records for the 1987-2006 period. The storage estimates are end-of-month values for **August 2007**.
4. The maximum storage capacity for the MPWRS at this time, with the flashboards lowered at San Clemente Dam, is 37,515 acre-feet. The flashboards were last lowered on August 27, 1996, and have not been raised since that time.
5. The adult steelhead count refers to the number of sea-run and freshwater adults (> 15 inches) that have migrated up the fish ladder at San Clemente Dam in Water Years 2006 and 2007. The juvenile count refers to the number of juveniles that were rescued by District staff from drying reaches of the Carmel River and its tributaries in Water Years 2006 and 2007. The adult count average is based on records for the 1994-2006 period. The adult counter was removed on April 3, 2007, due to low-flow conditions in the San Clemente Dam fish ladder that potentially impeded passage.

**California American Water (CAW) Main Distribution System
Quarterly Water Supply Strategy and Budget: October - December 2007**

Proposed Production Values by Source in Acre-Feet
Assuming "Critically-Dry" Inflow Conditions

SOURCE/USE	MONTH			YEAR-TO-DATE	
	Oct-07	Nov-07	Dec-07	Oct-06 - Aug-07	Percent
<u>Source</u>					
San Clemente Reservoir	0	0	0	0	0.0%
Carmel Valley Aquifer					
Upper Subunits	31	30	31	433	3.4%
Lower Subunits	842	641	580	8,988	70.6%
Seaside Groundwater Basin					
Coastal Subareas	450	400	350	3,301	25.9%
<u>Use</u>					
Customer Service	1,323	1,071	961	12,710	
Seaside Injection	0	0	0	12	
Total	1,323	1,071	961	12,722	100.0%

Notes:

1. The budget reflects "critically-dry" inflow conditions and assumes that the monthly inflows at the San Clemente Dam site during the October-December 2007 period will approximate the flows that occurred during Water Year 1990, which was classified as a critically-dry year.
2. The annual budget period corresponds to the Water Year, which begins on October 1 and ends on September 30 of the following Calendar Year.
3. Anticipated production for "Customer Service" for the October - December 2007 period is based on CAW production of 3,355 acre-feet (AF) from the Monterey Peninsula Water Resources System (MPWRS), including 2,155 AF from the Carmel River Basin and 1,200 AF from the coastal subareas of the Seaside Groundwater Basin. Total monthly production for the system was calculated by multiplying total annual production times the average fraction of annual production for July, August, and September (based on production data from 1986 to 2006, adjusted for an assumption that production from the Seaside Groundwater Basin would not exceed 3,504 AF and production from the Carmel River Basin would not exceed 11,285 AF in WY 2008).
4. Anticipated production for "Seaside Injection" is based on an average diversion rate of approximately 1,000 gallons per minute (gpm) or 4.4 AF per day from CAW's sources in the Carmel River Basin. "Total" monthly CAW "use" includes water for customer service and water for injection into the Seaside Groundwater Basin. No diversions for injection are assumed for the October through December period.
5. No surface water diversions from San Clemente Reservoir are assumed for this period based on concerns regarding water quality (elevated turbidity) and lowered water levels required by the Division of Dam Safety as part of the San Clemente Reservoir Drawdown Project.
6. Anticipated monthly production from the Upper Carmel Valley Alluvial Aquifer Subunits is based on the