







#### Action Item 15

Receive and Confirm Water Supply Forecast for May 1, 2012 through September 30, 2013 Period

Meeting Date: May 21, 2012

Contact: David J. Stoldt

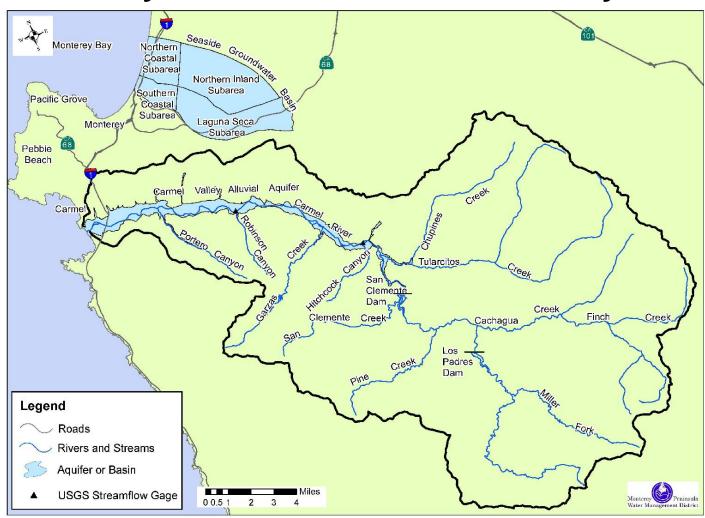




- This forecast applies to current and projected water supply and demand conditions in the Monterey Peninsula Water Resource System.
- This system includes surface water in the Carmel River and its tributaries and groundwater in the Carmel Valley Alluvial Aquifer and Seaside Groundwater Basin.



#### Monterey Peninsula Water Resource System







- This forecast considers California American Water (Cal-Am) and non Cal-Am water demands from these sources during the May 2012 through September 2013 period.
- This forecast is based on all usable surface and groundwater storage in the system as of May 1, 2012, which is termed "carryover" storage.





#### Carryover Storage as of May 1, 2012

	<b>CAPACITY</b>	CURRENT	<b>PERCENT</b>
	(AF)	(AF)	(%)
<b>RESERVOIRS:</b>			
LOS PADRES	1,630	1,630	100%
SAN CLEMENTE	70	70	100%
AQUIFERS:			
<b>UPPER CARMEL VALLEY</b>	6,550	6,330	97%
LOWER CARMEL VALLEY	21,950	20,140	92%
SEASIDE COASTAL	<u>7,500</u>	<u>2,740</u>	37%
TOTAL SYSTEM:	37,700	30,910	82%





### **Water Rationing Triggers**

TOTAL USABLE STORAGE					
<b>REQUIRED ON MAY 1, 2012</b>					
Water Rationing Stage					
4	5	6	7		
15%	20%	35%	<b>50%</b>		
System-wide water demand reduction					
required if storage is less than					
amount shown below					
24,665	19,369	13,913	8,616		





- Total usable system storage as of May 1, 2012 is **30,910** acre-feet.
- To avoid mandatory water rationing, e.g., Stage 4, 24,665 acre-feet of carryover storage is required.
- Accordingly, the current amount of carryover storage is sufficient to begin Water Year 2013 with a full year's supply in reserve.





#### **Notes:**

- This Water Supply Forecast is based on water storage conditions and does not account for other environmental considerations such as riparian and aquatic resources.
- The rationing triggers for this *Water*Supply Forecast have been adjusted to reflect the recent reductions in pumping from the Carmel River and Seaside Groundwater Basins.





#### **Recommendation:**

- Receive the Long-Term Water Supply Forecast for the Monterey Peninsula Water Resource System for the May 2012 through September 2013 period.
- Given current carryover storage, mandatory water rationing is not required under District rules at this time.
- Continued voluntary water conservation is strongly encouraged.