

Year 2005 Accomplishments and Milestones



Water Supply

- Updated a comprehensive matrix on water supply concepts that could meet community needs. Concepts included three desalination plants, aquifer storage and recovery (ASR) in the Seaside Basin, and two types of recycled water projects.
- Developed an Environmental Impact Report/Assessment for proposed ASR Project expansion as well as alternatives.
- Obtained temporary water rights and diverted 350 AF of Carmel River water into the Seaside Basin (ASR); conducted water quality tests to quantify beneficial effect on Basin.
- Participated in Monterey County led meetings of water district, city and county representatives regarding a potential governance structure for a publicly owned regional water supply project.



Environmental Protection

- Continued efforts on Seaside Basin Groundwater Management Plan, including completion of a major technical study assessing the basin status and recommending solutions.
- Determined the amount of water that can be withdrawn annually from the Seaside Basin without the risk of seawater intrusion, which was later adopted by the court during an adjudication trial.
- Provided technical advice and barrier beach management on Carmel River Lagoon improvements.
- Conducted emergency bank stabilization work along a portion of the Carmel River.
- Maintained flow monitoring stations at 4 sites on the Carmel River and 11 sites on creeks to better assess surface water resources within the District.
- Counted adult steelhead at the San Clemente Dam fish ladder to assess the winter run.
- Collected surface water quality data from 3 Carmel River sites and water temperature data from 8 locations, focused on habitat conditions for rearing steelhead.
- Collected groundwater level data at 70 wells and groundwater quality data at 25 wells from the District's monitor well networks in the Carmel River and Seaside Basins.
- Conducted aquatic insect sampling at 5 locations as an indicator of habitat quality for all aquatic Carmel River life.
- Monitored the use of Carmel River habitat by birds at 10 locations and compared with previous year's data to evaluate wildlife habitat along the River.
- Conducted steelhead juvenile population surveys throughout the length of the Carmel River.



Conservation/Permitting

- Approved 322 rebate applications for a total of \$41,607, resulting in annual water savings of approximately 7 AF.
- Issued 1,351 water permits and performed 1,849 inspections resulting in annual water savings of about 29 AF.
- Provided free showerheads and moisture sensors to the public.
- Actively participated in a statewide organization which provides a forum for discussion and demonstration of the latest water conservation techniques and technology.
- Provided demonstrations of the latest water savings devices including ultra-low flush toilets and waterless urinals at an event sponsored by the City of Monterey that focused on energy and water conservation.
- Participated in the Water Awareness Committee of Monterey County's Xeriscape Design Awards at the Monterey County Fair, and judged the garden displays in the horticultural center for promotion of the Water Awareness Committee's *Retire Your Turf* campaign.