

## **GRA 11th ANNUAL MEETING FIELD TRIP**

### **Orange County Water District / Orange County Sanitation District** **Groundwater Replenishment System**

**September 17, 2002**

The Southern California Branch of GRA is assembling a special Field Trip for the afternoon of September 17 that includes a tour of the Groundwater Replenishment System (GWR), a project jointly sponsored by the Orange County Water District (OCWD) and Orange County Sanitation District (OCSD) that will purify highly treated sewer water that is now being discharged to the ocean. Using Advanced Water Treatment facilities, sewer water from OCSD's sewage treatment plant will be purified to levels that far exceed drinking water standards. The water will then be stored in the Orange County groundwater basin either by injection along the coast or by natural filtration through ponds near the Santa Ana River. The underground basin provides 75% of the water used by north and central Orange County cities.

#### **Field Trip Itinerary**

- 1:00 p.m. Bus picks up participants at the Sutton Place Hotel Lobby
- 1:30 p.m. The first stop is at the Orange County Water District Field Headquarters, located at 4060 East La Palma Avenue in Anaheim, to view the Recharge Spreading Grounds along the Santa Ana River. Roy Herndon and Tim Sovich of the OCWD will conduct the forebay tour. There will be a few stops at pertinent locations as Roy and Tim explain the operations.
- 3:30 p.m. The second stop is at the OCWD's Fountain Valley office. There, we will hear a presentation on the geology of the groundwater basin, with special emphasis on the coastal area and problems related to sea water intrusion. From the office, the group will walk to one of the new barrier injection wells located on the site.
- Tiffany Butler from the Public Affairs Dept. will then give a walking tour through the Water Factory 21 treatment plant where sanitary wastewater is treated for recycling and re-use throughout the Basin.
- 5:30 p.m. The bus will then bring all participants back to the Sutton Place Hotel Lobby.
- 6:00 p.m. There will be a no-host social hour held at the hotel for all participants

For more information, please contact Kathy Snelson at (916) 446-3626 or e-mail at [executive\\_director@grac.org](mailto:executive_director@grac.org).