



**GROUNDWATER RESOURCES ASSOCIATION**  
of California

**Projects at the Forefront of Water Supply in the San Francisco Bay Area**  
**Tour Itinerary**  
**September 17, 2010**

**Field Trip Organizing Committee and Resources Speakers on bus for the tour:**

**Greg Bartow**, PG, CEG, CHG  
Groundwater Program Manager  
San Francisco Public Utilities Commission

**Anona Dutton**, P.G., C.Hg.  
Water Resources Planner  
Bay Area Water Supply and Conservation Agency

**Elizabeth Flegel**  
Water Conservation Coordinator  
City of Mountain View

**Tim Parker**, PG, CEG, CHG  
GRA Board Member  
National Groundwater Management Practice Leader  
Layne Christensen Company

**John Karachewski**, PhD, PG, CHG  
Engineering Geologist  
Geological Services Unit  
Department of Toxic Substances Control

**Brian Lewis**, PG, CEG, CHG,  
GRA Board Member  
Chief, Geological Services Unit  
Department of Toxic Substances Control

**John McHugh**, P.G. 6187, H.G. 391  
Assistant Engineering Geologist  
Groundwater Management Unit  
Santa Clara Valley Water District

**Field trip itinerary (click links to visit web sites):**

1. [Hyatt Regency, SFO Burlingame](#)
2. [East Bay Municipal Utility District's Bayside Aquifer Storage and Recovery Facility](#)
3. [Joint East Bay Municipal Utility District, San Francisco Public Utilities Commission, and City of Hayward water supply inter-tie](#)
4. [Alameda County Water District's Brackish Groundwater Desalination Facility](#)
5. [San José/Santa Clara Water Pollution Control Plant](#)
6. [Stanford University Water Efficiency Projects](#)



**7:45 a.m.**      **CHECK-IN**, Hotel Lobby, Hyatt Regency, 1333 Old Bayshore Highway, Burlingame

**8:15 am**        **Board Bus**

**8:30 a.m.**      **DEPART** for EBMUD Bayside Aquifer Storage and Recovery Facility, San Lorenzo

**Route:** South on Bayshore Highway, right onto US-101S/San Jose (Alternatively, for large bus, consider heading N on Bayshore highway to the 101S entrance on the opposite side of the hotel, to avoid roads difficult for bus passage). Take exit 414B for Fashion Island Blvd toward Hayward. Cross Dumbarton Bridge, to I-880 N exit, from there, exit Hesperian Blvd (Alternatively, consider exiting Hesperian Blvd directly from the bridge, circumventing traffic/construction on 880. Exit Hesperian toward San Lorenzo, left at Grant Ave.). Left on Hesperian Blvd, right on Grant. Destination at end of Grant Ave.

**En Route:** Description of the Geologic and Hydrogeologic Setting and Water Resources

**Speakers:** John Karachewski, John McHugh, Greg Bartow

**9:10 a.m.**      **ARRIVE** EBMUD Bayside Aquifer Storage and Recovery Facility, San Lorenzo

**Speakers:**

**10:00 a.m.**      **DEPART** for Joint East Bay Municipal Utility District, San Francisco Public Utilities and City of Hayward water supply inter-tie.

**Route:** Continue on Grant away from Well station, 3<sup>rd</sup> right onto Bockman Rd, Right onto Hesperian Blvd. (alternatively, consider taking Grant directly to Hesperian, Right on Hesperian, as initial route is potentially difficult for bus traffic) Destination Located behind Hayward Executive Airport sign, at intersection of Hesperian blvd Skywest Dr/Longwood Ave.

**En Route:** Background on water supply inter-tie

**Speaker:** Greg Bartow

**Parking for Buses:** There is space for one bus within the intertie facility, but will be compact. On Skywest Drive, there is a medium-sized lot that would accommodate one bus, but is not official bus parking.

**10:15 a.m.**      **ARRIVE** Joint East Bay Municipal Utility District, San Francisco Public Utilities and City of Hayward water supply inter-tie, 22487 Hesperian Blvd, Hayward, 94541

**Speaker:**

**10:40 a.m.**     **DEPART** for ACWD Brackish Groundwater Desalination Facility

**Route:** Continue on Hesperian Blvd in the same direction as route taken to arrive at intertie (SE). Left at W Winton Ave, take I-880S/San Jose. Exit Thorton Ave/State 84 E, right at Thorton Ave, left at Newark Blvd. Continue straight onto Central Ave, left at Cherry, Right at Redeker Pl. Destination will be behind ACWD gate at end of Redeker Pl.

**En route:** Background on ACWD Brackish Groundwater Desalination Facility

**Speaker:** Greg Bartow and John McHugh

**11:15 a.m.**     **ARRIVE** ACWD Brackish Groundwater Desalination Facility, Newark

**Speaker:** *Steven Inn will provide speaker names week of August 23.*

**12:05 a.m.**     **DEPART** for lunch at Don Edwards Wildlife Refuge.

**Route:** Northeast on Redeker toward Cherry. 1<sup>st</sup> right onto Cherry, Left at Mowry Ave, and take I-880S/San Jose. Exit CA-237/Mountainview, exit N 1<sup>st</sup> st. Right at N 1<sup>st</sup> st, right at Nortech Pkwy. 1<sup>st</sup> left onto Disk Dr, continue on Los Esteros Rd. Follow signs for Don Edwards, take small access road and continue to destination. Bus parking located near visitor's center.

**12:45 p.m.**     **ARRIVE** for lunch at Don Edwards Wildlife Refuge  
LUNCH

**1:45 p.m.**     **DEPART** for City of San José/Santa Clara Water Pollution Control Plant - Recycled Water Production

**Route:** Take Environmental Access Rd to Los Esteros, Sharp Left on Los Esteros. Continue for one mile, destination will be on the right.

**En Route:** Background on San José/Santa Clara Water Pollution Control Plant - Recycled Water Production

**Speakers:** John McHugh

**1:55 p.m.**     **ARRIVE** at City of San José/Santa Clara Water Pollution Control Plant - Recycled Water Production

**Speakers:** Eric Hansen

**2:55 p.m.**     **DEPART** for Stanford University Water Efficiency Projects

**Route:** Continue on Los Esteros away from Don Edwards, continue onto Zanker rd. Left onto CA-237 W, exit 3A onto 101 N/San Francisco. Exit 402 to Oregon Expy. Follow signs to Stanford University (Exit Embarcadero, rd continues onto campus)

**En Route:** Bay Area Water Supply and Conservation Agency Planning, set stage for Stanford

**Speakers:** Anona Dutton

**3:35 p.m.**      **ARRIVE** at Stanford University Water Efficiency Projects

**4:15 p.m.**      **DEPART** for the Hyatt Regency

**Route:** Find Campus Drive, which loops through the campus. Continue onto Juniperro Serra blvd, right onto Santa Cruz Ave. Left on Sand Hill Rd, merge onto 280 N. Exit 92 E/San Mateo, exit 13B onto 101N/San Francisco. Exit Broadway, keep right and follow signs for Bayshore blvd/Airport blvd. Left at Old Bayshore Highway. Destination will be on left.

**En route:** Refreshments

**5:00 p.m.**      **ARRIVE** Hyatt Regency, 1333 Old Bayshore Highway, Burlingame