November 1, 2007

The Honorable Mickey Cafagna
Mayor
City of Poway
P.O. Box 789
Poway, CA 92074-0789

Dear Mayor Cafagna:

The following project update is being provided to keep the city of Poway informed of the San Vicente Pipeline construction progress.

Tunneling Progress
There are four construction access points to build the San Vicente Pipeline. Two are located at each end of the project; one near the base of the San Vicente Dam, called the San Vicente Portal and the other, near the Second Aqueduct off of I-15 at Mercy Road, is the West Shaft. The Central Shaft is located south of the Beeler Canyon community within StoneBridge Estates. The fourth is located off of Slaughterhouse Canyon Road in Lakeside and is called the Slaughterhouse Shaft (see attached map for portal/shaft locations).

There are three locations where tunnel excavation is now occurring. One tunneling machine is excavating from the West Shaft going east. Another machine from the Slaughterhouse Shaft is tunneling toward the Central Shaft. Controlled blasting methods are being used from the Central Shaft tunneling westward.

Approximately 42 percent of the tunnel has been excavated. Approximately 9,000 feet has been tunneled at the east end of the project, about 13,000 feet has been tunneled westward from the Central Shaft, and 1,100 feet has been excavated from the West Shaft going east. Overall tunneling progress for the San Vicente Pipeline continues to be significantly slower than planned due to harder-than-anticipated ground conditions. The resulting delays have pushed back the project completion date nearly two years, with the project now scheduled to be finished in 2010.

Central Shaft
The Central Shaft is located south of the Beeler Canyon community in the StoneBridge Estates community and is the closest access point to the city of Poway. Since January, the construction team has been working in three eight-hour shifts, six days a week. The main access road for construction deliveries is through the Vulcan Materials driveway off of Kirkham Road with trucks
continuing on StoneBridge Parkway for less than a mile. Deliveries are currently only allowed from 7 a.m. to 7 p.m. Tunneling work can occur 24 hours a day inside the tunnel.

A digger shield tunneling machine, with a pick and a shovel at its front, was used to complete a 12,000-foot tunnel section going westward from the Central Shaft. Controlled blasting is now being used to excavate the next short 510-foot section. This short section requires blasting excavation because it contains rock materials that the digger shield machine is not designed to mine. Small blasts began in mid-September and are taking place over 200 feet below ground. Blasting is expected to be complete in January 2008. As of mid-October, no residential calls from the nearby Scripps Ranch neighborhood have been received reporting a disruption.

After receiving a call early this year from the city of Poway informing the Water Authority about unauthorized use of a construction access road leading from StoneBridge Estates to Beeler Canyon Road, several steps were taken to eliminate this activity. The most recent and effective effort has been installing two pipe gates across the unpaved access road. The gates, installed by Corky McMillin Companies, are typically closed from 7 p.m. to 6 a.m. on weekdays and all day on weekends. Since the installation of these fences, the Water Authority has not received any follow-up calls regarding unauthorized use of the construction access road.

I hope you have found this project update informative. Please feel free to contact me if you have any questions about the project.

Sincerely,

[Signature]

Karen Henry
San Vicente Pipeline Project Manager, San Diego County Water Authority
(858) 522-6618

The 20-Gallon Challenge
The Water Authority and its member agencies are encouraging all residents to participate in the 20-Gallon Challenge. If every person can save 20 gallons of water a day, it will significantly help to keep more water in storage to meet future demands. Saving water is easier than you might think. For conservation tips and information about water-saving incentive programs, visit www.20gallonchallenge.com.

CC: City Manager Rod Gould
    Senior Planner Jim Lyon
    Copy posted to the Water Authority’s San Vicente Pipeline web page

Attachment: San Vicente Pipeline Tunneling Progress map