

**EMERGENCY STORAGE PROJECT**  
**San Vicente Pipeline**  
**Carryover Storage and San Vicente Dam Raise EIR/EIS**  
**Briefing Summary**

**DATE:** Sept. 20, 2006

**TIME:** 7:30 p.m.

**ORGANIZATION:**

Lakeside Community Planning Group

**MEETING LOCATION:**

Lakeside Community Center

**PRESENTERS:**

Andrew Oleksyn, SDCWA  
Kelley Gage, SDCWA

**STAFF RESOURCES:**

Shannon Reed, SDCWA  
Emily Powell, Katz & Associates

**PRESENTATION SUMMARY:**

Andrew Oleksyn, construction administrator, explained construction has been going on for about a year on the San Vicente Pipeline and the project is expected to be complete in late 2008. The San Vicente Pipeline will be 11 miles long and will connect San Vicente Reservoir to the Second Aqueduct located just west of I-15 at Mercy Road. It will allow water stored in San Vicente Reservoir to be pumped out to the pipelines in the Second Aqueduct to use in emergencies. A unique feature of the San Vicente Pipeline is that it will be constructed in a tunnel to minimize the environmental and community impacts.

There are four construction access points – one at either end of the project, the San Vicente Portal and the West Shaft, and two in the middle, the Central Shaft and Slaughterhouse Shaft. The West Shaft is 36 feet in diameter and 115 feet deep and is located at Mercy Road near Interstate 15. At this site, the contractor is using a drill and blast method to tunnel and approximately 250 feet of 400 feet has been completed. The Central Shaft is 30 feet wide, 60 feet long, and 75 feet deep. At this site a digger shield tunneling machine with a pick and a shovel at its front end will be used to break up soil. The machine is currently excavating the starter tunnel and has about 4.5 miles left to dig. While tunneling, the contractor is installing a concrete support system. There will be about 60,000 concrete segments, supporting approximately nine miles of tunnel, placed in the tunnel.

Andrew explained the Slaughterhouse Shaft and the San Vicente Portal are the closest access points to the Lakeside community. The Slaughterhouse Shaft is 36 feet in diameter and 70 feet deep and drilling and blasting is occurring in two directions. Currently, 2,200 feet of total tunneling has been completed, and a total of 5,200 feet needs to be blasted. At the San Vicente Portal a tunnel boring machine is being used that is designed to cut through hard rock. The 400-foot-long machine uses its circular rotating head and steel disk cutters to crush rock as it moves forward. To remove the material from the tunnel, rail cars are loaded up with material inside the tunnel and dump it outside the tunnel.

Kelley Gage, an environmental project manager in the Water Resources Department, explained the Water Authority is beginning the environmental process to evaluate the impacts of an additional raise of the height of the San Vicente Dam. She explained this would enable the Water Authority to store more water at San Vicente Reservoir for seasonal storage. The Notice of Preparation for the environmental impact report (EIR) will be available on Oct. 10, which starts a 30-day comment period. There will also be an open house and scoping meeting on Nov. 1 at the Water Authority for people to learn more about the project as well as provide feedback on the EIR. Kelley also explained people can visit the Water Authority's website ([www.sdcwa.org](http://www.sdcwa.org)) for additional project information and encouraged them to call the project information line (877-426-2010) if they have specific questions.

### Questions and Comments During the Presentation:

Q. When will the tunneling began at the Central Shaft?

A. Tunneling has begun at the Central Shaft and 400 feet has been completed. The machine is able to tunnel approximately 80-100 feet per day.

Q. Will tunneling at the Slaughterhouse Shaft involve steel segments?

A. Steel beams are one of several methods used to support the tunnel. Other methods include rock bolts, metal straps, wire mesh and shotcrete. The method used depends on the condition of the ground.

Q. What is the estimated cost per foot for the San Vicente Pipeline project?

A. Andrew did not know that particular figure. However, an estimate could be calculated using the construction contract value of \$198 million and the tunnel length of 11 miles.

Q. Will there be more pipelines constructed similar to the 12KV electric distribution line for the pump station on Moreno Avenue?

A. There will not be more pipelines constructed similar to the project you mentioned. However, there will be several other construction projects near the San Vicente Dam for the San Vicente Dam raise project. These include construction of a surge control facility at the top of the hill, several pipelines running up and down the hill, and a 250-foot diameter concrete tank.

Q. The design for the pump station on El Monte Road near Lake Jennings was reviewed by the Lakeside design board to make sure it fit with the community's landscape. Will the community have an opportunity review the design for the facilities associated with the San Vicente Pump Station project?

A. The design review was included in the EIR documents for the pump station. The facility cannot be seen from a public road. It will only be visible when you are driving up the hill to get to San Vicente Reservoir.

Q. The Helix water line that went down Slaughterhouse Canyon to Vigilante Road was not abandoned like they said it would be. Can you explain why that happened?

A. The water line is a Helix Water District pipeline, and Andrew is not familiar with their plans to abandon the pipe.

Q. Are there requirements for the Water Authority or contractors to purchase American-made equipment and machines?

A. The Water Authority does not have such a requirement. The pumps for the San Vicente Pump Station project have already been purchased.

Q. A Lakeside Community Planning Group meeting is scheduled for Nov. 1, so board members and community members will not be able to attend the scoping meeting at the Water Authority. Can the Water Authority come to our second October meeting to update us on the status of the San Vicente Dam raise project?

A. We will attend your second October meeting to provide an update on the project.

\*\*\*\*