EMERGENCY STORAGE PROJECT
San Vicente Pipeline Update
Briefing Summary

DATE: April 5, 2006	TIME: 7:30 p.m.
EVENT: Lakeside Planning Group
MEETING LOCATION: Lakeside Community Center
PRESENTER(S): Kathy Schuler, SDCWA

STAFF RESOURCES: Shannon Reed, SDCWA
Emily Powell, Katz & Associates

PRESENTATION SUMMARY:

Kathy Schuler, the contract administrator for the San Vicente Pipeline project, said the project is currently in the tunneling phase. She explained the San Vicente Pipeline is an 11-mile tunneled pipeline, which extends from the West Shaft, located adjacent to the Water Authority's Pressure Control and Hydroelectric Facility (PCHF), to the San Vicente Reservoir. The four access points are the West Shaft near Interstate 15 and Mercy Road, the Central Shaft near the StoneBridge Estates housing development, the Slaughterhouse Shaft west of Highway 67, and the San Vicente Portal near the base of the San Vicente Dam. The West Shaft is still being developed and is currently 72 feet deep — the final depth will be 115 feet. The Central Shaft development was completed in mid-December and is at its final depth of 74 feet. Construction will continue at the Central Shaft upon arrival of a tunnel boring machine. The Slaughterhouse Shaft development was also completed in mid-December and it is 70 feet deep. Currently, tunneling has begun using a drill and blast method at the Slaughterhouse Shaft to the east and west. Tunneling to the east is at 580 feet and advances at an average daily rate of 8.2 feet. Tunneling to the west is at 240 feet and advances at an average daily rate of 3.7 feet. Using the drill and blast method, the San Vicente Portal is complete at 65 feet and advanced at an average of four feet per day. Kathy said two tunnel boring machines will be delivered in mid-April or May, one will go to the Central Shaft and the other will go to the San Vicente Portal. These machines are 12 feet in diameter and 300 feet long and will be shipped from Ohio and Washington.

Questions and Comments During the Presentation:

Q. Have you been able to find a good use for the spoils?
A. The spoils from the San Vicente Portal, Slaughterhouse Shaft, and the West Shaft have gone to Hanson Aggregates. The excavated material at the Central Shaft will be left on site. The project team looked into using the spoils for the San Vicente Dam raise project, but determined the material could not be used for that purpose.
Q. If I understand correctly, Hanson Aggregates claimed the mineral rights to the spoils from their site?
A. Yes.

Q. Has the project team encountered any unforeseen conditions during construction?
A. During construction, we have discovered smaller amounts of groundwater than anticipated. For example, at the Slaughterhouse Shaft, we encountered a maximum of 72 gallons of water per minute. The groundwater at that site will be put into the creek after being treated. At the West Shaft, there is a possibility the groundwater can be put into the sewer system.