

# EMERGENCY STORAGE PROJECT

## San Vicente Pipeline San Vicente Pumping Facilities San Vicente Interconnect Pipeline San Vicente Dam Raise Carryover Storage Project Briefing Summary

**DATE:** May 21, 2008

**TIME:** 7 p.m.

**ORGANIZATION:**

Lakeside Community Planning Group

**MEETING LOCATION:**

Lakeside Community Center

**PRESENTERS:**

Andrew Oleksyn, SDCWA  
Kelly Rodgers, SDCWA  
Shannon Reed, SDCWA

**STAFF RESOURCES:**

Emily Powell, Katz & Associates

Andrew Oleksyn, assistant construction administrator for the San Vicente Pipeline project, explained there is currently heavy construction work for three major projects near San Vicente Reservoir and provided an update to the group on those projects. He explained work for the San Vicente Pipeline project has been ongoing since summer 2005. He reviewed the diagram of the San Vicente Pipeline, an 11-mile-long pipeline that will run between San Vicente Reservoir and the Water Authority's Second Aqueduct near Interstate 15 and Mercy Road. Approximately 67 percent of the tunnel is now complete. At the San Vicente Portal, approximately 2.8 miles of tunneling has been completed and 3 miles are left to tunnel. Tunneling efforts at the Portal have been slower than anticipated due to hard ground conditions, but conditions have improved in recent weeks, allowing for faster tunneling progress. The projected completion date for the project is now summer 2010.

Andrew explained work is progressing on schedule for the San Vicente Pumping Facilities project. Currently, the foundation and earth work are complete, the pump station building work is 80 percent complete and now the contractor is installing the facilities. Also large diameter pipelines for these facilities are being installed up the hill toward the surge tank. Andrew also explained the walls for the large, concrete surge tank and building are being built. The projected completion date for this project is summer 2009.

In January, construction began for the San Vicente Reservoir Interconnect Pipeline, a small pipeline that will connect the reservoir to the pump station. Currently, excavation and earth work are occurring and trenching will begin in several weeks. Pipe installation will begin in the next few months. The projected completion date for this project is spring 2009.

Andrew introduced Kelly Rodgers, project manager for the San Vicente Dam Raise project, who provided an update on the project. She explained that Jeff Shoaf, the former project manager, has moved into a more senior role at the Water Authority. Kelly has been working on the San Vicente Dam Raise project for about a year. Kelly gave a brief project overview and explained the project team has completed approximately 50 percent of the design for the project, and the first construction package is scheduled to begin in early 2009.

She said the Carryover Storage Project EIR was certified last month, so the dam will be raised the full 117 feet, to store an additional 152,000 acre-feet of water in San Vicente Reservoir. The city of San Diego began lowering the reservoir's water level in April, in preparation for the beginning of dam raise construction. It is lowering at about 1.5 feet per week and it should be below the boat launch ramp (and closed to recreation) in August or September for six to nine years. Currently, the reservoir is open Thursday through Sunday for recreational activities (fishing and water contact).

She also announced that the last tour of the project site before construction begins is scheduled for Saturday, June 28 (from 9 a.m. until noon). Currently, we have two open spots for the tour, so if anyone from the Lakeside Planning Group is interested in attending, please let us know.

Kelly then went on to say that we came tonight to gather some input from the community on two items – staining the dam and proposed changes to the Moreno Avenue/Vigilante Road intersection.

The first item is to get opinions on whether or not to stain the finished San Vicente Dam a desert varnish color. The project team attended the Lakeside Design Review Board's meeting last week, and all the LDRB members were in favor of staining the dam. Kelly showed pictures of the Olivenhain Dam not stained, half stained, and fully stained (see Attachment 1). She said that the Water Authority stained Olivenhain Dam because there were many homes that had a full view of the dam, so it was visual mitigation for those homes.

At San Vicente Dam, there are not as many homes that have a clear view of the dam. Kelly showed pictures of the current San Vicente Dam from four different viewpoints in the community, as well as simulated pictures of the new dam from those same viewpoints (see attachment). She explained the stain will last approximately 20-25 years and will fade the most in the first 5 years. The stain will be a carmel color to blend in with the surroundings. Kelly said that staining San Vicente Dam and the saddle dam will cost about \$500,000. The total project cost is \$568 million.

Next, Kelly discussed the proposed intersection changes at Moreno Avenue and Vigilante Road. She said the project designer has proposed to straighten this intersection at the entrance to the dam to make it safer for the trucks that need to access the project site during construction. It is estimated that there will be a construction truck at the Moreno/Vigilante intersection about every 5 to 10 minutes while the contractor is pouring the concrete for the dam. To make the intersection safer, to improve site distance, and to allow the trucks to get in and out more easily, the designer suggested straightening the road and also making the intersection a three-way stop with temporary stop signs. Kelly showed a diagram of the proposed changes to the intersection (see Attachment 2).

### Questions and Comments During the Presentation:

- C: George Barnard stated the San Vicente Pipeline project was bid with the expectation of tunneling 100 feet per day and the contractor is currently only getting 6 feet per day.
- A: Andrew explained there are various ground conditions on the project, and the contractor is making better progress with tunneling than the amount George mentioned.
- C: Rick Smith stated he believes the dam staining issue is an aesthetic, design issue more than a land use issue. He explained he agrees with the recommendation from the Lakeside Design Review Board to stain the dam, and he did not open it up for further discussion among members of the planning group.
- Q: Rick Smith asked if the proposed changes to the Moreno Avenue/Vigilante Road intersection are a result of traffic studies or the environmental impact report. He explained that since stop controls are being recommended, it is an issue that must be reviewed by the Traffic Advisory Committee (TAC). He later stated that since the stop signs are temporary, it is not necessary for the Water Authority to get approval from the TAC.
- A: Kelly explained the proposed intersection changes were not part of the environmental impact report, but the project designer recommended these changes for safety reasons for truck deliveries and the general public. She explained tonight we are asking for input on the proposed changes before the Water Authority drafts a proposal and approaches the county. The Water Authority has already discussed these changes with the Enniss property and they seem amenable to the intersection changes. She explained this intersection change will improve safety and encourage trucks accessing the site to use Highway 67 to Vigilante Road and avoid south Moreno Avenue, which was a big concern from the Lakeside Design Review Board. The Water Authority will put that truck route into the contract specifications, impose fines for trucks using Moreno Avenue, and post signage on the approved truck route. She explained the Water Authority cannot guarantee trucks will not use Moreno Avenue to access the site, but we will do our best to deter trucks from using it.
- C: Phil Lambert explained the stop signs will be temporary at the intersection for the project.
- R: Kelly explained the stop signs will be temporary until the completion of the dam raise project. If the community is interested in making the stop signs permanent, the Water Authority will work with the County to see if this is a possibility.
- C: George Barnard explained that if a traffic violation occurs in a construction zone, the fine is doubled. He explained the contractor's trucks and vehicles currently working near the reservoir are not obeying the 25 miles per hour speed limit.
- R: Andrew explained he would bring up that issue with the contractor and subcontractors at the next weekly construction meeting.

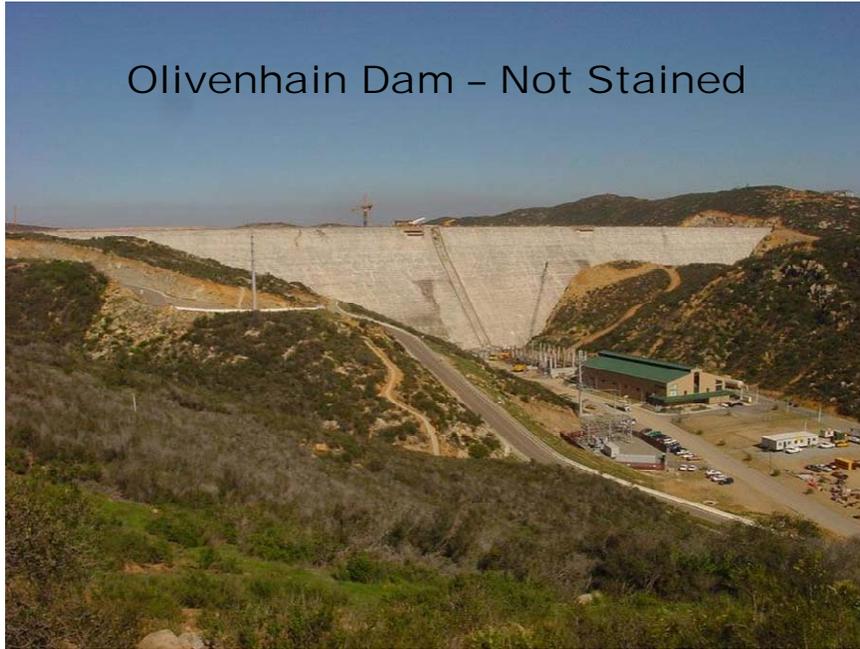
Q: Tom Meditz asked for more information about the east saddle dam that was mentioned in the presentation.

A: Andrew and Shannon showed where the saddle dam will be located on the project map. The saddle dam will be approximately 15 to 20 feet high and will be made of roller-compacted concrete, which is the same material that will be used to raise the main dam.

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Attachment 1: Olivenhain Dam Photos

Olivenhain Dam – Not Stained



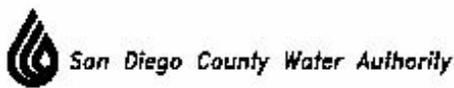
Olivenhain Dam – Half Stained



# Olivenhain Dam - Stained



Attachment 2: Proposed Moreno Avenue and Vigilante Road Intersection Changes



**DRAFT**  
PROPOSED CONCEPT FOR  
MORENO-VIGILANTE MODIFICATION

DATE 05/08/2008