

of constructing a new dam at Moosa Valley. The Water Authority looked at more than 20 different alternatives and those were narrowed down to four basic alternatives:

1. Raise San Vicente Dam an additional 63 feet to store 100,000 acre-feet of water (preferred alternative)
2. Construct a new dam at Moosa Valley to store 100,000 acre-feet of water
3. Raise San Vicente Dam to store 50,000 acre-feet of water and build a new Moosa Valley dam to store 50,000 acre-feet of water
4. "No-action" alternative, which means the Water Authority would proceed with constructing the Emergency Storage Project portion of the San Vicente Dam Raise only.

Questions and Comments During the Presentation:

Q. When do you expect to start construction on the San Vicente Dam Raise?

A. Construction is scheduled to start as early as 2009, but we would first have to draw down the reservoir to about 40,000 acre-feet, which is more than half of the reservoir. The draw down may start in 2008. It will take about two to three years to construct the new dam and it may take up to five years to fill the reservoir back up.

Q. Will it be an earthen or a concrete dam?

A. The existing dam is a conventional concrete dam and the raised portion of the dam will be made of roller-compacted concrete, which is rolled out in layers like asphalt and is more economical.

Q. The last time there was talk about building a dam in Moosa Valley, it was going to create a huge lake. Would this lake be at that scale?

A. It would actually be even bigger than that one. At the beginning of the Emergency Storage Project, when Moosa Valley was originally studied, the Water Authority was looking at storing 52,000 acre-feet of water. Now we are looking at storing 100,000 acre-feet.

Q. What is the deadline for comments?

A. Nov. 9, 2006.

Q. If you just raise the height of San Vicente Dam, then that will create a problem if we have an earthquake and the dam fails. Maybe it would be better if we had another water storage facility up here so that if one failed we would still have another supply of water. Have you thought about splitting it between two places, rather than just putting all your eggs in one basket?

A. The dam will be designed to withstand an earthquake of a magnitude designated by the California Division of Safety of Dams. This agency regulates the construction of dams, looks at nearby faults and ensures that dams are built to the standards they dictate. The idea would be to design this dam so that in the event of a major earthquake the structure would not only remain operable but sustain no damage.

- Q. We live at the bottom of Detro Road, which would be at the bottom of the lake if you built a dam in Moosa Valley. Have you already started the environmental studies for the San Vicente site and have you discovered any fatal flaws that would make that project infeasible?
- A. Yes, we have been performing environmental and engineering studies and so far we have not seen anything that makes us believe the San Vicente project is not feasible.
- Q. If the Moosa Valley alternative was used, would the lake cover Detro Road?
- A. That has not been determined yet. More studies still need to be done.