

August 21, 2013

Tina Cannon Leahy, Principal Consultant
California State Assembly Water, Parks and Wildlife Committee
1020 N Street, Room 160
Sacramento, CA 95814

Dear Ms. Leahy:

This letter is intended to provide comment from the Santa Clara Valley Water District (District) on the Water Bond Framework, as sought by the Assembly Committee on Water, Parks & Wildlife. This letter also follows the comments I presented at last week's hearing and provides further information on costs associated with dam seismic retrofit projects for the District.

The District manages wholesale drinking water resources and provides environmental stewardship for the watersheds of Santa Clara County -- the heart of Silicon Valley. These watersheds include 10 reservoirs, groundwater basins, and hundreds of miles of streams. The District also provides flood protection throughout the county.

As I highlighted in my comments, the District has completed seismic stability evaluations for six of its dams and is required to complete similar evaluations for two more. Of the six completed studies, three dams require seismic remediation due to severe damage expected if the maximum credible earthquake (MCE) were to occur. The three dams that require seismic remediation are Anderson, Calero, and Guadalupe. The total estimated cost for remediation of these three dams is \$278 million.

The planning study for the seismic retrofit of Anderson Dam has recently been completed, and the estimated cost is \$185 million. This includes repairing and strengthening the embankment to withstand the MCE, replacing the outlet because conditionally active faults run through the embankment of the dam, and increasing the spillway capacity to meet new estimates of the Probable Maximum Flood.

The planning studies for the seismic retrofit of Calero and Guadalupe Dams are being completed in the same project, and work is just now beginning. The total cost for remediation of both dams is currently estimated at \$93 million to repair the embankments at each. Both of these dams are smaller than Anderson and remediation should only be required on the downstream embankment. Remediation is required on both the upstream and downstream embankments at Anderson and, as mentioned above, includes a new outlet and spillway modification. All estimates are from the District's current Capital Improvement Program (CIP). I would be happy to provide you with the CIP details at your request.

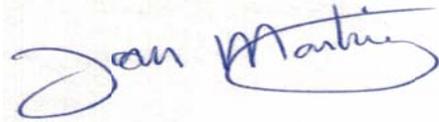
The District encourages the legislature to include funding in the proposed water bond for seismic safety remediation for existing dams. Thank you for the opportunity to speak on behalf of Silicon Valley's needs as they relate to the Water Bond Framework. I would be happy to



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provide additional information about our seismic retrofitting projects, as well as other efforts being considered by the District.

Thanks again,

A handwritten signature in blue ink that reads "Tom Martinez". The signature is written in a cursive style with a large, sweeping "T" and "M".

Tom Martinez
Manager, State Government Relations