

July 7, 2017

MEETING NOTICE

PACHECO RESERVOIR EXPLORATORY AD HOC COMMITTEE

Board Members of the Pacheco Reservoir Exploratory Ad Hoc Committee:

Director Gary Kremen, Chair Director Richard P. Santos Director John L. Varela

Staff Support of the Pacheco Reservoir Exploratory Ad Hoc Committee:

Norma J. Camacho, Interim Chief Executive Officer
Garth Hall, Acting Chief Operating Officer, Water Utility
Rick Callender, Chief of External Affairs
Stanly Yamamoto, District Counsel
Katherine Oven, Deputy Operating Officer, Water Utility Capital Division
Melih Ozbilgin, Senior Water Resources Specialist
Steven Wu, Senior Engineer

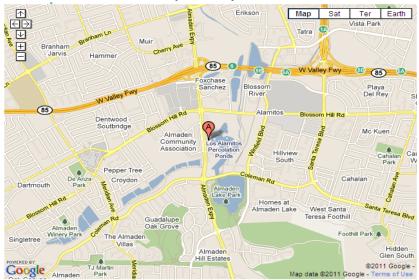
The meeting of the Pacheco Reservoir Exploratory Ad Hoc Committee is to be held on **Wednesday**, **July 12**, **2017**, **at 10:00 a.m.** in the Headquarters Building Boardroom located at the Santa Clara Valley Water District, 5700 Almaden Expressway, San Jose, California.

Enclosed are the meeting agenda and corresponding materials. Please bring this packet with you to the meeting.

Enclosures



Santa Clara Valley Water District - Headquarters Building, 5700 Almaden Expressway, San Jose, CA 95118



From Oakland:

- Take 880 South to 85 South
- Take 85 South to Almaden Expressway exit
- Turn left on Almaden Plaza Way
- Turn right (south) on Almaden Expressway
- At Via Monte (third traffic light), make a U-turn
- Proceed north on Almaden Expressway approximately 1,000 feet
- Turn right (east) into the campus entrance

From Sunnyvale:

- Take Highway 87 South to 85 North
- Take Highway 85 North to Almaden Expressway exit
- Turn left on Almaden Expressway
- At Via Monte (third traffic light), make a U-turn
- Proceed north on Almaden Expressway approximately 1,000 feet
- Turn right (east) into the campus entrance

From Downtown San Jose:

- Take Highway 87 Guadalupe Expressway South
- Exit on Santa Teresa Blvd.
- Turn right on Blossom Hill Road
- Turn left at Almaden Expressway
- At Via Monte (first traffic light), make a U-turn
- Proceed north on Almaden Expressway approximately 1,000 feet
- Turn right (east) into the campus entrance

From Morgan Hill/Gilroy:

- Take 101 North to 85 North
- Take 85 North to Almaden Expressway exit
- Turn left on Almaden Expressway
- · Cross Blossom Hill Road
- At Via Monte (third traffic light), make a U-turn
- Proceed north on Almaden Expressway approximately 1,000 feet
- Turn right (east) into the campus entrance

From San Francisco:

- Take 280 South to Highway 85 South
- Take Highway 85 South to Almaden Expressway exit
- Turn left on Almaden Plaza Way
- Turn right (south) on Almaden Expressway
- At Via Monte (third traffic light), make a U-turn
- Proceed north on Almaden Expressway approximately 1,000 feet
- Turn right (east) into the campus entrance

From Walnut Creek, Concord and East Bay areas:

- Take 680 South to 280 North
- Exit Highway 87-Guadalupe Expressway South
- Exit on Santa Teresa Blvd.
- Turn right on Blossom Hill Road
- Turn left at Almaden Expressway
- At Via Monte (third traffic light), make a U-turn
- Proceed north on Almaden Expressway approximately 1,000 feet
- Turn right (east) into the campus entrance

Director John L. Varela Director Gary Kremen (Chair) Director Richard P. Santos



AGENDA PACHECO RESERVOIR EXPLORATORY AD HOC COMMITTEE

WEDNESDAY, JULY 12, 2017

10:00 A.M.

Santa Clara Valley Water District Headquarters Building Boardroom 5700 Almaden Expressway San Jose, CA 95118

Time Certain:

10:00 a.m.	1.	Call to Order/Roll Call
	2.	Time Open for Public Comment on Any Item Not on the Agenda Comments should be limited to two minutes. If the Committee wishes to discuss a subject raised by the speaker, it can request placement on a future agenda.
	3.	Approval of Minutes 3.1 Approval of Minutes – May 23, 2017, meeting
	4.	 New Business: 4.1 Update on Progress of Pacheco Reservoir Expansion and Preparation for Proposition 1 Application (Garth Hall) Recommendation: Receive and discuss information presented by staff on the Pacheco Reservoir expansion and the Proposition 1 Application. 4.2 Update on the Next Steps of Pacheco Reservoir Expansion and Preparation for Proposition 1 Application (Garth Hall) Recommendation: Receive and discuss the next steps being implemented by project staff on the Pacheco Reservoir Expansion (Project) and the Proposition 1 Application. 4.3 Draft Resolution Required for the Proposition 1 Application (Garth Hall) Recommendation Review and discuss the draft Resolution required for the
		Proposition 1 Application in anticipation of it being presented to the full Board on July 25, 2017.
	5.	Clerk Review and Clarification of Committee Actions This is a review of the Committee's Actions (from Item 4).
	6.	Adjourn

Reasonable efforts to accommodate persons with disabilities wishing to attend committee meetings will be made. please advise the Clerk of the Board Office of any special needs by calling (408) 630-2277.

Meetings of this committee will be conducted in compliance with all Brown Act requirements. All public records relating to an open session item on this agenda, which are not exempt from disclosure pursuant to the California Public Records Act, that are distributed to a majority of the legislative body will be available for public inspection at the same time that the public records are distributed or made available to the legislative body, at the following location:

Santa Clara Valley Water District, Office of the Clerk of the Board 5700 Almaden Expressway, San Jose, CA 95118

PACHECO RESERVOIR EXPLORATORY AD HOC COMMITTEE PURPOSE:

The purpose of the Pacheco Reservoir Exploratory Ad Hoc Committee is to receive and discuss information on issues related to the LAFCO consideration of dissolution of Pacheco Pass Water District, the reorganization of its responsibilities and assets, as well as information related to the dam integrity and potential reservoir operating parameters for downstream aquatic habitat. The Committee representatives may assist their respective Board of Directors on policies and actions related to these matters.



PACHECO RESERVOIR EXPLORATORY AD HOC COMMITTEE MEETING

DRAFT MINUTES

TUESDAY, MAY 23, 2017 3:00 PM

(Paragraph numbers coincide with agenda item numbers)

A meeting of the Pacheco Reservoir Exploratory Ad Hoc Committee (Committee) was held on May 23, 2017, in the Headquarters Building Board Conference Room A-124 at the Santa Clara Valley Water District (SCVWD), 5700 Almaden Expressway, San Jose, California.

1. CALL TO ORDER/ROLL CALL

A meeting of the Santa Clara Valley Water District Pacheco Reservoir Exploratory Ad Hoc Committee was called to order at 3:00 p.m. on May 23, 2017, at the District Headquarters Building Board Conference Room A-124, 5700 Almaden Expressway, San Jose, California.

Board Members in attendance were: Director Gary Kremen-District 7, Director Richard P. Santos-District 3, and Director John L. Varela-District 1

Staff members in attendance were: Norma Camacho, Jim Fiedler, Garth Hall, Michele King, Melih Ozbilgin, Steven Wu, and Stan Yamamoto.

2. TIME OPEN FOR PUBLIC COMMENT ON ANY ITEM NOT ON AGENDA

There was no one present who wished to speak.

3. <u>NEW BUSINESS</u>

3.1 UPDATE ON STUDIES OF PACHECO RESERVOIR ENLARGEMENT, IN PREPARATION FOR AN ANTICIPATED PROPOSITION 1 APPLICATION

Mr. Garth Hall and Mr. Melih Ozbilgin reviewed the materials as outlined in the agenda item, and updated the Committee on the studies of Pacheco Reservoir enlargement, in preparation for an anticipated Proposition 1 Application.

Staff advised the Committee that due to the limited time available leading up to the August 14, 2017, deadline for Proposition 1 applications work was proceeding on the application phase even though economic analysis was not yet complete, and informed the Committee that the consultant had been hired, and is currently developing operational scenarios for the Pacheco Reservoir area.

The project team has also reached out to numerous agencies for support including California Department of Fish & Wildlife, Department of Water Resources and California Water Commission Staff. These are the three agencies that will be scoring the applications.

The Committee requested that project staff work with Government Relations, to obtain letters of support as soon as possible on the Proposition 1 Application process from other potential partners, beneficiary agencies, organizations, etc., and keep the Board advised through the Non-agenda process.

The Committee also requested that staff prepare an agenda item for the June Board agenda on the Proposition 1 Application process and land acquisition around the Pacheco Reservoir; and schedule a San Felipe Reach One Committee and Pacheco Pass Water District joint meeting.

3.2 UPDATE ON THE STATE DIVISION OF SAFETY OF DAMS ISSUES WITH THE EXISTING PACHECO PASS DAM, OWNED AND OPERATED BY PACHECO PASS WATER DISTRICT

Mr. Garth Hall and Mr. Steven Wu reviewed the materials as outlined in the agenda item.

An update was also given by staff on the State Division of Safety of Dams issues with the existing Pacheco Pass Dam, owned and operated by Pacheco Pass Water District, including spillway damage caused by recent storms, and possible short/long term fixes.

4. CLERK REVIEW AND CLARIFICATION OF COMMITTEE ACTIONS

Ms. Michele King reported the following action items.

- Staff to work with Government Relations, to obtain letters of support as soon as
 possible on the Proposition 1 Application process from other potential partners,
 beneficiary agencies, organizations, etc., and keep the Board advised through the
 non-agenda.
- 2. Staff to schedule a San Felipe Reach One Committee and Pacheco Pass Water District Meeting.
- 3. Staff to prepare an agenda item for the June agenda on the Proposition 1 Application process and land acquisition around the Pacheco Reservoir.

5. ADJOURNMENT

Chair Director Gary Kremen adjourned the meeting at 3:58 p.m.

Michele	King,	CMC
Clerk of	the B	oard

Approved:



Committee: Pacheco Reservoir Exploratory

Ad Hoc

Meeting Date: 07/12/17

Agenda Item No.: 4.1

Unclassified Manager: Garth Hall

Email: ghall@valleywater.org

Est. Staff Time: 15 minutes

COMMITTEE AGENDA MEMO

SUBJECT: Update on Progress of Pacheco Reservoir Expansion and Preparation for Proposition 1

Application

RECOMMENDED ACTION:

Receive and discuss information presented by staff on the Pacheco Reservoir expansion and the Proposition 1 Application.

SUMMARY:

At its May 23, 2017 meeting, the Pacheco Reservoir Exploratory Ad Hoc Committee received an update on the efforts toward the Proposition 1 Application (Application) for an expansion of Pacheco Reservoir. Since then, the following progress has been made:

- The project team has completed the WEAP modeling to finalize operational criteria for the expanded reservoir.
- Additional modeling is being done for the required uncertainty analysis.
- For the purposes of the Application, the new dam site would be located just upstream of the existing dam site. This site could result in a slightly higher total cost expectation since it would be a slightly larger dam. This site would provide a larger quantity of storage and would stay farther away from Henry Coe State Park during periods of full reservoir capacity.
- Various technical analyses as well as drafts of the Application sections have been initiated (see Attachment 1 Application Checklist with current progress). The project team believes they are on track to submit a quality application by the due date of August 14, 2017.
- The Communications Plan is continuously updated with progress, and outreach to various external stakeholders and interested parties is moving at full speed. The project team has reached out to all landowners potentially affected by the project, as well as several State and federal agencies, satisfying several of the requirements of the Application. Additionally, presentations are being made to city councils and other agencies, as part of our efforts to obtain letters and/or resolutions of support for the project, which will be submitted with the Application. This outreach effort will continue even beyond the Application deadline, as we expect to be able to provide additional declarations of support during the Commission's Application review period.

Background

An expanded Pacheco Reservoir (proximate to the pipeline that conveys Central Valley Project water from San Luis Reservoir to Santa Clara and San Benito counties) could potentially improve the District's water supply reliability by increasing operational flexibility and augmenting dry and critical year supplies. The project could also provide emergency supply, improve drinking water quality, enhance the run of South Central Coast steelhead on Pacheco Creek, and provide some downstream flood reduction benefits. The capital cost for expanding the reservoir from about 6 TAF to 140 TAF is tentatively estimated at \$800 million. Proposition 1 provides a potential opportunity for the District, along with partners such as Pacheco Pass Water District (PPWD) and San Benito Water District (SBCWD), to receive up to 50% funding towards project costs.

At its January 31, 2017 meeting, the Board received information from District staff on the potential merits of a Pacheco Reservoir expansion project and the opportunity to prepare an application for grant funding under the State's Proposition 1 Water Storage Investment Program administered by the California Water Commission.

The Board's Pacheco Reservoir Exploratory Ad Hoc Committee met with board members of both PPWD and SBCWD on February 23, 2017 and created the principles of agreement among the three districts. These principles provide for commitments among the parties for coordination, communication, and support to prepare and submit an application for Proposition 1 funding. Representatives of PPWD and SBCWD executed this document on February 27, 2017. On March 14, the District's Board authorized the Interim CEO to execute the principles of agreement.

Staff prepared a cost-sharing agreement between SBCWD, PPWD, and the District, allowing the District to be reimbursed 5% of the consultants' fees, up to a maximum of \$45,000, from SBCWD. SBCWD and the District have signed the document. PPWD will execute and distribute fully executed documents to the District and SBCWD. It is anticipated this will be complete before July 12, 2017.

ATTACHMENT(S):

Attachment 1: Proposition 1 Application Tasks and Current Activities

APPLICATION CHECKLIST

Status as of July 12, 2017

Technical Studies	Progress
Simulate Project Operation (WEAP)	
Existing Conditions (2017)	Complete
Future Project Conditions (2030)	Complete
Future Project Conditions (2070)	Complete
Simulate Project Operation (CALSIM)	
Existing Conditions (2017)	Complete
Future Project Conditions (2030)	Complete
Future Project Conditions (2070)	Complete
Quantify Physical effects	
Existing Conditions (2017)	
Ecosystem Improvement (Delta Watershed - Refuge)	Complete
Ecosystem Improvement (Pacheco Creek)	In Progress
Emergency Response (Water Supply)	Complete
M&I Water Supply	Complete
M&I Water Quality	In Progress
Existing Conditions (2030)	
Ecosystem Improvement (Delta Watershed - Refuge)	Complete
Ecosystem Improvement (Pacheco Creek)	In Progress
Emergency Response (Water Supply)	Complete
M&I Water Supply	Complete
M&I Water Quality	In Progress
Existing Conditions (2070)	3
Ecosystem Improvement (Delta Watershed - Refuge)	Complete
Ecosystem Improvement (Pacheco Creek)	In Progress
Emergency Response (Water Supply)	Complete
M&I Water Supply	Complete
M&I Water Quality	In Progress
Refine Project Costs	III I TOGIC33
Evaluate dam designs for sites A and B	Complete
Decision on dam location	Complete
Refine conveyance designs and quantities	Complete
Develop Total Construction Costs	Complete
Develop Total Investment Costs	Complete
Develop O&M Costs	In Progress
Develop Annual Costs	In Progress
Monetize Project Benefits	
Monetize 2030 Benefits	
Ecosystem Improvement (Delta Watershed - Refuge)	Complete
Ecosystem Improvement (Pacheco Creek)	Complete
Emergency Response (Water Supply)	In Progress
M&I Water Supply	Complete
M&I Water Quality	In Progress
Monetize 2070 Benefits	ŭ
Ecosystem Improvement (Delta Watershed - Refuge)	Complete
Ecosystem Improvement (Pacheco Creek)	Complete
Emergency Response (Water Supply)	In Progress
M&I Water Supply	Complete
M&I Water Quality	In Progress

APPLICATION CHECKLIST

Status as of July 12, 2017

Status as of July 12, 2017	
Application Preparation	Progress
Executive Summary	Initiated
Project Name, Objective, and Description	
Applicant Information	Complete
Legislative Information	Complete
Geographic Information	Complete
Budget Summary	Initiated
Project Description	In Progress
Schematics, Maps, and Figures	In Progress
Signed Resolution to Execute Agreement	In Progress
Contact Information	Complete
Eligibility of the District	Complete
Program Funding Request	
Total Project Cost Estimate	In Progress
Benefit and Cost Analysis	In Progress
Cost Allocation	In Progress
Project Schedule	In Progress
Preliminary Operations Plan	In Progress
Wild and Scenic Rivers	Complete
Sustainable Water Use	Complete
Groundwater	In Progress
Physical Benefits	In Progress
State Water System Flexibility	In Progress
Physical and Economic Summary Tables & Docs	
Monetized Benefits Analysis	In Progress
Monetary Benefit Quantification Support	In Progress
Monetization Table	In Progress
Physical and Economic Summary Table	In Progress
Feasibility Documentation	In Progress
Coordination with Other Facility Owners	In Progress
Ecosystem and Water Quality Worksheets	
Ecosystem Improvement	In Progress
Emergency Response	In Progress
Supporting Documents for Ecosystem and Water Quality	
Ecosystem Improvement	In Progress
Emergency Response	In Progress
Environmental Documentation	
Initial Study	In Progress
Administrative Draft and NOA	In Progress
Summary of Environmental Impacts	Initiated
Tribal Cultural Resources Consultation	Initiated
Consistency with Applicable Laws	Initiated
Permit Inventory	In Progress
Statement of True and Correct Information	Initiated
Non-Monetized Public Benefits	
Flood Control Benefits	In Progress
Existing Mitigation Obligations	In Progress
Current, 2030, and 2070 With Project Conditions	In Progress
Non-CWC Model Use	In Progress
Uncertainty Analysis	In Progress
Early Funding Request	Progress
Schedule	Initiated
Scope of Work	Initiated
Budget	Initiated



Committee: Pacheco Reservoir Exploratory

Ad Hoc

Meeting Date: 07/12/17

Agenda Item No.: 4.2

Unclassified Manager: Garth Hall

Email: ghall@valleywater.org

Est. Staff Time: 15 minutes

COMMITTEE AGENDA MEMO

SUBJECT: Update on the Next Steps of Pacheco Reservoir Expansion and Preparation for Proposition 1

Application

RECOMMENDED ACTION:

Receive and discuss the next steps being implemented by project staff on the Pacheco Reservoir Expansion (Project) and the Proposition 1 Application.

SUMMARY:

District staff and its team of consultants are working to complete the Proposition 1 Application (Application) to be submitted to the California Water Commission (CWC) by August 14, 2017. In parallel, District staff is identifying what project deliverables must be completed prior to statutory deadlines imposed by the Water Storage Investment Program, and is evaluating opportunities to save time and budget wisely.

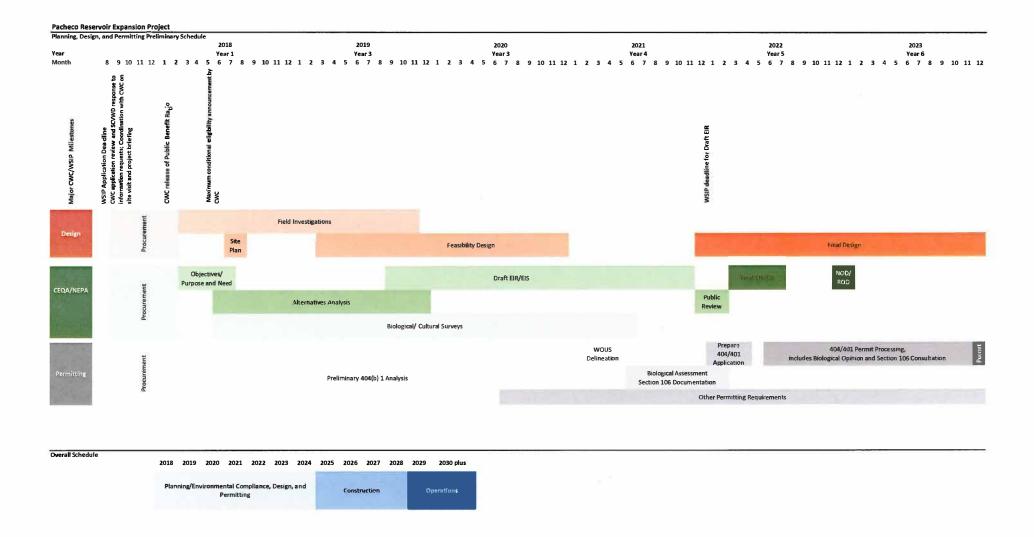
Attached is a draft summary schedule showing the planning, design, and permitting stages of the Project. All three project phases must be initiated simultaneously, and significant work must be completed to meet the statutory deadline to complete draft California Environmental Quality Act (CEQA)/National Environmental Policy Act (NEPA) documents by January 2022. Multiple phases of field investigations may be necessary to finalize the location of the dam and initiate the feasibility-level design to complete the draft CEQA/NEPA documents. Biological surveys spanning multiple years, as well as cultural surveys, would have to be completed to initiate the lengthy Section 401/404 permitting process with the Regional Water Control Board and the U.S. Army Corps of Engineers.

District staff is currently working on several high priority capital projects, and there are limited staff resources available to undertake the above described efforts. The District would have to rely on consultant services to proceed with design, permitting and environmental documentation. Staff recommends that the District initiate procurement activities in the Fall of 2017 to secure the necessary consultant services to perform this work. If the Committee agrees with this course of action, staff anticipates returning to the Board as soon as practicable with recommended consultant agreements for approval.

Once the CWC issues its decision on funding the Project, staff will return to the Committee or the full Board with a recommendation on whether to proceed with the Project and if applicable, the recommended conditions over which work on the Project should continue.

ATTACHMENT(S):

Attachment 1: Planning, design, permitting draft schedule.





Committee: Pacheco Reservoir Exploratory

Ad Hoc

Meeting Date: 07/12/17

Agenda Item No.: 4.3

Unclassified Manager: Garth Hall

Email: ghall@valleywater.org

Est. Staff Time: 15 minutes

COMMITTEE AGENDA MEMO

SUBJECT: Draft Resolution Required for the Proposition 1 Application

RECOMMENDED ACTION:

Review and discuss the draft Resolution required for the Proposition 1 Application in anticipation of it being presented to the full Board on July 25, 2017.

SUMMARY:

The Proposition 1 Application requires a resolution by the District's Board of Directors to authorize the filing of the application, agree to enter into an agreement with the State to receive the funding, and authorize a designee to proceed with the overall process. This resolution (Attachment 1) will be placed before the full board on July 25.

ATTACHMENT(S):

Attachment 1: Draft Resolution

DRAFT

BOARD OF DIRECTORS SANTA CLARA VALLEY WATER DISTRICT

RESOLUTION NO.

AUTHORIZING ACTIONS RELATED TO THE APPLICATION FOR PROPOSITION 1 FUNDING FOR PACHECO RESERVOIR EXPANSION PROJECT AND DESIGNATING AUTHORIZED REPRESENTATIVE TO ACT ON BEHALF OF THE DISTRICT FOR THE PROPOSITION 1 FUNDING.

BE IT RESOLVED, by the Board of Directors of the Santa Clara Valley Water District (District) as follows:

- 1. That application be made to the California Water Commission to qualify for 2017 Water Storage Investment Program funding pursuant to Title 23, Division 7, Chapter 1 of the California Code of Regulations.
- 2. That the District may enter into an agreement with the State to receive funding for the Pacheco Reservoir Expansion Project.
- 3. The District's Chief Operating Officer, or designee, is hereby authorized and directed to prepare the necessary data, conduct investigations, file such application, execute a funding agreement and any amendments thereto, and sign invoices with California Water Commission.

PASSED AND ADOPTED by the Board of Directors of Santa Clara Valley Water District by the following vote on June 27, 2017:

AYES:	Directors	
NOES:	Directors	
ABSENT:	Directors	
ABSTAIN:	Directors	SANTA CLARA VALLEY WATER DISTRICT
ATTEST: N	MICHELE L. KING, CMC	By: JOHN L. VARELA Chair/Board of Directors
Clerk/Board	d of Directors	





Attachment 1 Page 1 of 1

BOARD OF DIRECTORS DRAFT SANTA CLARA VALLEY WATER DISTRICT

RESOLUTION NO. 17

AUTHORIZING ACTIONS RELATED TO THE APPLICATION FOR PROPOSITION 1 FUNDING FOR PACHECO RESERVOIR EXPANSION PROJECT AND DESIGNATING AUTHORIZED REPRESENTATIVE TO ACT ON BEHALF OF THE DISTRICT FOR THE PROPOSITION 1 FUNDING

WHEREAS, at its February 28, 2017 meeting, the Santa Clara Valley Water District (District) Board authorized execution of a consultant agreement with Stantec, Inc. to prepare a Proposition 1 Application (Application) for the Pacheco Reservoir Expansion Project (Project); and

WHEREAS, the Application will be submitted under the State's Water Storage Investment Program (WSIP), as authorized under Water Quality, Supply, and Infrastructure Improvement Act of 2014; and

WHEREAS, the Project team, consisting of District staff, Stantec, and other consultants, is currently working to complete the Application; and

WHEREAS, the Application, which is due to the California Water Commission on August 14, 2017, requires a "signed resolution from the authorized representatives or governing authority of the applicant designating an authorized representative to submit the application and execute an agreement with the State for Program funding" to be included with the application.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the District as follows:

- 1. That application be made to the California Water Commission to qualify for 2017 Water Storage Investment Program funding pursuant to Title 23, Division 7, Chapter 1 of the California Code of Regulations.
- 2. That the District may enter into an agreement with the State to receive funding for the Pacheco Reservoir Enlargement Project.
- 3. That the District's Chief Executive Officer, or designee, is hereby authorized and directed to prepare the necessary data, conduct investigations, file such Application, execute a funding agreement and any amendments thereto, and sign invoices with California Water Commission.

PASSED AND ADOPTED by the Board of Directors of Santa Clara Valley Water District by the following vote on July 25, 2017:

AYES:	Directors		
NOES:	Directors		
ABSENT:	Directors		
ABSTAIN:	Directors		
		SAN	ITA CLARA VALLEY WATER DISTRICT
		Ву:	JOHN L. VARELA Chair/Board of Directors
ATTEST: N	MICHELE L. KING, CMC		
Clerk/Board	d of Directors		

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