

October 6, 2022

SPECIAL MEETING NOTICE

WATER STORAGE EXPLORATORY COMMITTEE

Board Members of the Water Storage Exploratory Committee

Director Gary Kremen, Committee Chair

Director Richard P. Santos

Director John L. Varela

Staff Support of the Water Storage Exploratory Committee

Rick L. Callender, Esq., Chief Executive Officer

Melanie Richardson, Assistant Chief Executive Officer

Aaron Baker, Chief Operating Officer, Water Utility

Rachael Gibson, Chief of External Affairs

J. Carlos Orellana, District Counsel

Brian Hopper, Senior Assistant District Counsel

Vincent Gin, Deputy Operating Officer, Water Supply Division

Christopher Hakes, Deputy Operating Officer, Dam Safety & Capital Delivery Division

Emmanuel Aryee, Deputy Operating Officer, Water Utility Capital Division

Marta Lugo, Assistant Officer, Office of the Chief of External Affairs

Gregory Williams, Deputy Operating Officer, Raw Water Division

Ryan McCarter, Assistant Officer, Dam Safety & Capital Delivery Division

Kirsten Struve, Assistant Officer, Water Supply Division

Cindy Kao, Imported Water Manager, Imported Water Unit

Victor Gutierrez, Engineering Manager, Pacheco Project Delivery Unit

Metra Richert, Unit Manager, Water Supply Planning & Conservation Unit

Charlene Sun, Treasury and Debt Manager

Andrew Garcia, Senior Water Resources Specialist, Imported Water Unit

Samantha Greene, Senior Water Resources Specialist, Water Supply Planning & Conservation Unit

A special meeting of the Santa Clara Valley Water District (SCVWD) Water Storage Exploratory Committee is to be held on **Thursday, October 13, 2022, at 1:00 p.m. at Headquarters Building Boardroom, 5700 Almaden Expressway, San Jose CA 95118. The Public and non-presenting staff may Join Zoom Meeting** <https://valleywater.zoom.us/j/98246045660>.

The meeting agenda and corresponding materials can be found on our website for your convenience. <https://www.valleywater.org/how-we-operate/committees/board-committees>



WATER STORAGE EXPLORATORY COMMITTEE MEETING

Public Join Zoom Meeting

<https://valleywater.zoom.us/j/98246045660>

Meeting ID: 982 4604 5660

One tap mobile

+16699009128,,98246045660# US (San Jose)

Dial by your location

+1 669 900 9128 US (San Jose)

Meeting ID: 982 4604 5660



Santa Clara Valley Water District Water Storage Exploratory Committee Meeting

**HQ Building Boardroom
5700 Almaden Expressway
San Jose CA 95118**

SPECIAL MEETING AGENDA

**Thursday, October 13, 2022
1:00 PM**

District Mission: Provide Silicon Valley safe, clean water for a healthy life, environment and economy.

WATER STORAGE EXPLORATORY COMMITTEE

Gary Kremen, Committee Chair,
District 7
Richard P. Santos, District 3
John L. Varela, District 1

All public records relating to an 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 Office of the Clerk of the Board at the Santa Clara Valley Water District Headquarters Building, 5700 Almaden Expressway, San Jose, CA 95118, at the same time that the public records are distributed or made available to the legislative body. Santa Clara Valley Water District will make reasonable efforts to accommodate persons with disabilities wishing to attend Board of Directors' meeting. Please advise the Clerk of the Board Office of any special needs by calling (408) 265-2600.

Mr. Vincent Gin
Mr. Christopher Hakes
(Staff Liaisons)

Glenna Brambill (Committee
Liaison)
Management Analyst II
(408) 630-2408,
gbrambill@valleywater.org

Note: The finalized Board Agenda, exception items and supplemental items will be posted prior to the meeting in accordance with the Brown Act.

Santa Clara Valley Water District
Water Storage Exploratory Committee
SPECIAL MEETING
AGENDA

Thursday, October 13, 2022

1:00 PM

HQ Building Boardroom

*****IMPORTANT NOTICES AND PARTICIPATION INSTRUCTIONS*****

Santa Clara Valley Water District (Valley Water) Board of Directors/Board Committee meetings are held as a “hybrid” meetings, conducted in-person as well as by telecommunication, and is compliant with the provisions of the Ralph M. Brown Act.

To maximize public safety while still maintaining transparency and public access, members of the public have an option to participate by teleconference/video conference or attend in-person. To observe and participate in the meeting by teleconference/video conference, please see the meeting link located at the top of the agenda. If attending in-person, you are required to comply with Ordinance 22-03 - AN ORDINANCE OF THE SANTA CLARA VALLEY WATER DISTRICT SPECIFYING RULES OF DECORUM FOR PARTICIPATION IN BOARD AND COMMITTEE MEETINGS located at <https://s3.us-west-2.amazonaws.com/valleywater.org.if-us-west-2/f2-live/s3fs-public/Ord.pdf>

In accordance with the requirements of Gov. Code Section 54954.3(a), members of the public wishing to address the Board/Committee at a video conferenced meeting, during public comment or on any item listed on the agenda, should use the “Raise Hand” tool located in the Zoom meeting link listed on the agenda, at the time the item is called. Speakers will be acknowledged by the Board Chair in the order requests are received and granted speaking access to address the Board.

Valley Water, in complying with the Americans with Disabilities Act (ADA), requests individuals who require special accommodations to access and/or participate in Valley Water Board of Directors/Board Committee meetings to please contact the Clerk of the Board’s office at (408) 630-2711, at least 3 business days before the scheduled meeting to ensure that Valley Water may assist you.

This agenda has been prepared as required by the applicable laws of the State of California, including but not limited to, Government Code Sections 54950 et. seq. and has not been prepared with a view to informing an investment decision in any of Valley Water’s bonds, notes or other obligations. Any projections, plans or other forward-looking statements included in the information in this agenda are subject to a variety of uncertainties that could cause any actual plans or results to differ materially from any such statement. The information herein is not intended to be used by investors or potential investors in considering the purchase or sale of Valley Water’s bonds, notes or other obligations and investors and potential investors should rely only on information filed by Valley Water on the Municipal Securities Rulemaking Board’s Electronic Municipal Market

Access System for municipal securities disclosures and Valley Water's Investor Relations website, maintained on the World Wide Web at <https://emma.msrb.org/> and <https://www.valleywater.org/how-we-operate/financebudget/investor-relations>, respectively.

Under the Brown Act, members of the public are not required to provide identifying information in order to attend public meetings. Through the link below, the Zoom webinar program requests entry of a name and email address, and Valley Water is unable to modify this requirement. Members of the public not wishing to provide such identifying information are encouraged to enter "Anonymous" or some other reference under name and to enter a fictional email address (e.g., attendee@valleywater.org) in lieu of their actual address. Inputting such values will not impact your ability to access the meeting through Zoom.

Join Zoom Meeting:
<https://valleywater.zoom.us/j/98246045660>
Meeting ID: 982 4604 5660
Join by Phone:
1 (669) 900-9128, 98246045660#

1. CALL TO ORDER:

1.1. Roll Call.

- 2. TIME OPEN FOR PUBLIC COMMENT ON ANY ITEM NOT ON THE AGENDA.** *Notice to the Public: Members of the public who wish to address the Committee on any item not listed on the agenda should access the "Raise Hand" tool located in Zoom meeting link listed on the agenda. Speakers will be acknowledged by the Committee Chair in order requests are received and granted speaking access to address the Committee. Speakers comments should be limited to two minutes or as set by the Chair. The law does not permit Committee action on, or extended discussion of, any item not on the agenda except under special circumstances. If Committee action is requested, the matter may be placed on a future agenda. All comments that require a response will be referred to staff for a reply in writing. The Committee may take action on any item of business appearing on the posted agenda.*

3. APPROVAL OF MINUTES:

- 3.1. Approval of Minutes. [22-1160](#)
Recommendation: Approve the July 13, 2022, Meeting Minutes.
Manager: Candice Kwok-Smith, 408-630-3193
Attachments: [Attachment 1: WSEC-Minutes-07132022](#)
Est. Staff Time: 5 Minutes

4. REGULAR AGENDA:

- 4.1. Los Vaqueros Reservoir Expansion Project Multi-Party Agreement Amendment. [22-1161](#)
Recommendation: Recommend to the Valley Water Board Approval of the Multi-Party Agreement Amendment #4 for the Los Vaqueros Reservoir Expansion Project.
Manager: Vincent Gin, 408-630-2633
Attachments: [Attachment 1: Draft Amendment No. 4 Multiparty Agreement 2022 09 02](#)
Est. Staff Time: 25 Minutes
- 4.2. Standing Items. [22-1162](#)
Recommendation: A. This agenda item allows the Committee to receive verbal or written updates and discuss the projects listed in the summary. These items are generally informational; however, the Committee may request additional information from staff:
B. This is informational only and no action is required.
Manager: Candice Kwok-Smith, 408-630-3193
Est. Staff Time: 10 Minutes
- 4.3. Review Water Storage Exploratory Committee Work Plan and the Committee's Next Meeting Agenda. [22-1163](#)
Recommendation: Review the Committee's Work Plan to guide the Committee's discussions regarding policy alternatives and implications for Board deliberation.
Manager: Candice Kwok-Smith, 408-630-3193
Attachments: [Attachment 1: WSEC 2022 Work Plan](#)
Est. Staff Time: 5 Minutes

5. CLERK REVIEW AND CLARIFICATION OF COMMITTEE REQUESTS.

This is an opportunity for the Clerk to review and obtain clarification on any formally moved, seconded, and approved requests and recommendations made by the Committee during the meeting.

6. CLOSED SESSION:

- 6.1. CLOSED SESSION CONFERENCE WITH LEGAL COUNSEL
INITIATION OF LITIGATION Pursuant to Government Code Section 54956.9(d)(4) (One potential case)
- 6.2. District Counsel Report on Closed Session.

7. ADJOURN:

- 7.1. Adjourn.



Santa Clara Valley Water District

File No.: 22-1160

Agenda Date: 10/13/2022

Item No.: 3.1.

COMMITTEE AGENDA MEMORANDUM

Water Storage Exploratory Committee

SUBJECT:

Approval of Minutes.

RECOMMENDATION:

Approve the July 13, 2022, Meeting Minutes.

SUMMARY:

A summary of Committee discussions, and details of all actions taken by the Committee, during all open and public Committee meetings, is transcribed and submitted for review and approval.

Upon Committee approval, minutes transcripts are finalized and entered into the District's historical records archives and serve as historical records of the Committee's meetings.

ATTACHMENTS:

Attachment 1: 07132022 WSEC Draft Mins

UNCLASSIFIED MANAGER:

Candice Kwok-Smith, 408-630-3193



SANTA CLARA VALLEY WATER DISTRICT (VALLEY WATER)
WATER STORAGE EXPLORATORY COMMITTEE

DRAFT MINUTES

WEDNESDAY, JULY 13, 2022

(Paragraph numbers coincide with agenda item numbers)

A special meeting of the Water Storage Exploratory Committee (Committee) was held on July 13, 2022, at Santa Clara Valley Water District, 5700 Almaden Expressway, San Jose CA 95118.

1. CALL TO ORDER

The Water Storage Exploratory Committee was called to order by Committee Chair Director Gary Kremen at 1:03 p.m.

1.1 ROLL CALL

Valley Water Board Members in attendance were: Committee Chair, Director Gary Kremen (District 7), Director Richard P. Santos (District 3), and Director John L. Varela (District 1).

Valley Water Staff in attendance were: Antonio Alfaro, Emmanuel Aryee, Aaron Baker, Glenna Brambill, Rita Chan, Andrew Garcia, Vincent Gin, Samantha Greene, Andy Gschwind, Christopher Hakes, Brian Hopper, Dana Jacobson, Cindy Kao, Candice Kwok-Smith, Jessica Lovering, Katherine Maher, Michael Martin, Carmen Narayanan, Carlos Orellana, Metra Richert, Ranithri Slayton, Kirsten Struve, Charlene Sun, Darin Taylor, Warren Whitlock and Jing Wu.

Guests in attendance were: David Cramer (Walsh), Katja Irvin (Sierra Club-Loma Prieta Chapter). Hon. Steve Jordan (BAWSCA and Purissima Hills Water District), Maureen Martin, Ph.D., and Marguerite Patil (Contra Costa Water District {CCWD}), and Bill Tuttle (San Jose Water Company-SJWC).

Public in attendance were: Hon. Jim Beall, Arthur Keller, Ph.D., Manny JID/RD, Director Barbara F. Keegan (Valley Water District 2), Shani Kleinhaus, Osha Meserve, and M. Randall.

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

There was no one present who wished to speak.

3. APPROVAL OF MINUTES

3.1 APPROVAL OF MINUTES

It was moved by Director Richard P. Santos, second by Director John L. Varela, and by unanimous vote carried to approve the minutes of the June 17, 2022, meeting of the Water Storage Exploratory Committee as presented.

4. ACTION ITEMS

4.1 VALLEY WATER PARTICIPATION RECOMMENDATION FOR THE LOS VAQUEROS RESERVOIR EXPANSION PROJECT

Mr. Michael Martin reviewed the materials as outlined in the agenda item.

The Water Storage Exploratory Committee discussed the following: scenarios and costs, principal variable fees, water supply, Bay Delta Plan, evaporation, LVE Map, allocations, Bethany conveyance, South Bay Aqueduct (SBA) primary pipeline, dry years, San Luis Reservoir, working with partners will be critical, other water supply resources, recycled water, Contra Costa Water District (CCWD) costs, risks, and central coast storage developments.

Public Comment:

Hon. Steve Jordan mentioned the MIT/ Stanford Proposal for building a desalination facility (½ million acre-feet yearly) at Diablo Canyon (central coast related).

Ms. Carmen Narayanan, Ms. Samantha Greene, Ms. Cindy Kao, and Mr. Aaron Baker were available to answer questions.

The Water Storage Exploratory Committee took the following action:

The Committee unanimously approved staff's recommendation that the Board consider Valley Water begin negotiations of Los Vaqueros Reservoir Expansion Project (LVE) participation level of 30 to 50 Thousand Acre Feet of Storage and conveyance to deliver dry year supplies via the Transfer Bethany Pipeline.

4.2 STANDING ITEMS

Ms. Cindy Kao reviewed the materials as outlined in the agenda item.

Del Puerto Canyon Reservoir:

- Del Puerto and Exchange Contractors continue to work on the project
- No fatal flaws found in work to date. Geotechnical work is upcoming.
- Del Puerto WD looking to obtain Integrated Regional Water Management (IRWM) implementation grant funds to support continued work.
- They are not interested in working with partners at this time, but after geotechnical evaluation to ensure feasibility, they plan to look for partnering.
- CEQA lawsuit update will come to the Committee

Water Banking Opportunities

Pleasant Valley:

- Discussing long-term exchange opportunity with Pleasant Valley WD while they continue evaluating the viability of a water bank and necessary infrastructure improvements.

Aquaterra:

- Revised Feasibility Study has been completed and is under review by staff and other interested parties. We finished our review. There are some gaps on water quality and other data.
- They are revising their Groundwater Sustainability Plan (GSP) and will submit revisions on July 27th, 2022.
- Staff continues to participate in McMullin's Board Meetings and track proposed revisions to the GSP.

AVEK:

- AVEK is in the process of developing the first phase of their groundwater bank with MWD.
- Valley Water is interested in the second phase of the bank and are interested in doing a pilot program with them.
- AVEK Staff went to their Board and the Board would like to have a discussion with their staff in the fall.
- So AVEK is holding off on further discussions with us until after they've talked to the Board in a few months.

Semitropic:

- Continuing recovery on our behalf totaling 10.5 TAF thru May.
- ST submitted GSP updates submitted to Kern Groundwater Authority (KGA) on June 15th.
- KGA will compile the updates from all their member agencies and plans to adopt revisions on July 20th
- Submittal to DWR by deadline July 27th.

Sites:

- On June 28, 2022, the Board approved sending in a letter to the Sites Project asking to be put on the waiting list to increase our participation level. The letter is drafted and will be going out shortly.

B. F. Sisk Dam Raise and Reservoir Expansion:

- San Luis and Delta-Mendota Water Authority (SLDMWA) awarded a consulting contract to Hallmark Group to serve as the Project Manager for the Sisk Dam raise project.
- Valley Water is currently working with participating SLDMWA members to develop principles of agreement, which is intended to provide assurances to prospective participants prior to making a larger financial commitment.

Shasta Dam:

- Reclamation is not performing any further work related to the Raise of Shasta Dam at this time.
- The project has not received any additional WIIN Act funding as recent appropriations language prohibits the use of these funds for the project.

Mr. Andrew Garcia and Brian Hopper were available to answer questions.

The Water Storage Exploratory Committee discussed the following: receive a monthly water storage report update (imported water) from SLDMWA, it would be great to have Valley Water include it in the water tracker

The Water Storage Exploratory Committee took no action.

5. CLERK REVIEW AND CLARIFICATION OF COMMITTEE ACTIONS

Ms. Glenna Brambill noted there was one action item for Board consideration.

Agenda Item 4.1.

The Water Storage Exploratory Committee took the following action:

The Committee unanimously approved staff's recommendation that the Board consider Valley Water begin negotiations of Los Vaqueros Reservoir Expansion Project (LVE) participation level of 30 to 50 Thousand Acre Feet of Storage and conveyance to deliver dry year supplies via the Transfer Bethany Pipeline.

6. CLOSED SESSION

6.5 DISTRICT COUNSEL REPORT ON CLOSED SESSION

There was no report as the Committee elected not to hear Agenda Items 6.1 through 6.4.

7. ADJOURNMENT

Committee Chair Director Gary Kremen adjourned the meeting at 2:02 p.m.

Glenna Brambill
Board Committee Liaison
Office of the Clerk of the Board

Approved:



Santa Clara Valley Water District

File No.: 22-1161

Agenda Date: 10/13/2022

Item No.: 4.1.

COMMITTEE AGENDA MEMORANDUM

Water Storage Exploratory Committee

SUBJECT:

Los Vaqueros Reservoir Expansion Project Multi-Party Agreement Amendment.

RECOMMENDATION:

Recommend to the Valley Water Board Approval of the Multi-Party Agreement Amendment #4 for the Los Vaqueros Reservoir Expansion Project.

SUMMARY:

The Santa Clara Valley Water District (Valley Water) continues to evaluate participating in the Los Vaqueros Reservoir Expansion Project (LVE Project) led by Contra Costa Water District (CCWD). CCWD has proposed amendment #4 to the 2019 Multi-party Agreement (MPA) to fund project activities through the end of fiscal year (FY) 2023. The cost to Valley Water to continue participating in the project would be \$1,094,000. This memo summarizes the project status, including an update on the cost estimate and current timelines for the LVE Project, to support the Water Storage Exploratory Committee in making a recommendation to the full Board of Directors regarding the MPA Amendment #4.

Background

The LVE Project Joint Powers Authority (JPA) was formed in October 2021 and is responsible for project planning, construction, and post-construction activities including operating the facilities, ensuring adequate funding, facility maintenance and repair, and delivering project water. The JPA Board has been meeting since November 2021 and has been working to take over administration of the Project. The JPA recently selected T. Ravazzini Consulting and its principal, Taryn Ravazzini, as its Executive Director. Ms. Ravazzini will be working with CCWD to approve a Program Management Services Contract to assist with the administration of the JPA.

Project Cost Sharing Agreement

Since project planning started in 2016, project funding has been provided by cost share agreements funded equally by all project partners in addition to state and federal funding. Starting in 2019, cost sharing continued via a Multi-Party Agreement, which has been amended three times to extend the cost share value, time period, and scope of work. In addition to in-kind work, Valley Water has approved \$2.2 million in cost sharing since 2016 to fund LVE Project planning and design. Proposed Amendment #4 will extend the MPA from December 31, 2022 to June 30, 2023 (end of FY 2023). The cost of MPA Amendment #4 is \$1,094,000 for each of the JPA members (Attachment 1).

The JPA Board will need to approve Facilities Usage Agreements and a Service Agreement to meet the requirements for final Water Storage Investment Program (WSIP) funding and to start construction on elements of the LVE Project next year. The Service Agreement will define each agency's share in storage and conveyance and establish associated cost allocations for construction and operations.

Project Costs

On August 23, 2022, the Board directed staff to seek up to 50,000 acre-feet of storage in the Service Agreement negotiations. CCWD recently updated the construction estimate for the LVE Project, which increased from \$950M to \$1.25B, a 30% increase. Staff previously estimated Valley Water's share of the capital cost to be \$110M to \$120M. A 30% increase would raise the estimate to \$140M to \$155M. However, CCWD also updated the financial model to assume a WIFIA loan from the Environmental Protection Agency and greater financial contributions from the federal government. With these assumptions, although they are uncertain, the overall cost to Valley Water could decrease.

Off Ramps

The MPA Amendment #4 is the first of two decisions the Valley Water Board will be making over the next year regarding participation in the LVE Project. The Service Agreement will be brought for consideration sometime next year. The Board can still decide against participation in the LVE Project at either of these points and withdraw from the JPA without incurring future obligations. If Valley Water approves the MPA Amendment and Service Agreement, the JPA Agreement also allows a partner to withdraw in the following circumstances:

- if the Engineer's estimate is too high,
- if other partners withdraw,
- if state or federal funding is withdrawn or comes with unacceptable conditions,
- if unacceptable permit conditions are attached to the project, or
- if a LAP cannot obtain a long-term water supply.

Once financing is issued for the construction of any specific component, withdraw from the LVE Project must be approved by the JPA Board.

Next Steps

CCWD continues with negotiations on water rights and environmental permits with state and federal agencies necessary to complete the project. Agencies have been supportive of the LVE Project. Staff will continue to provide regular updates to the WSEC on the Service Agreement negotiations and project progress. The timeline for major Project milestones is below:

- Mid to late 2023: WSEC and Board consideration of Service Agreement
- Late 2023: Final Funding Agreement with CWC
- Late 2023: Start of construction on the initial LVE Project elements
- 2023-2025: Construction of Transfer-Bethany Pipeline
- 2027-2029: Construction of dam raise, pumping facilities, and conveyance improvements
- 2030: LVE Project in full operation

File No.: 22-1161

Agenda Date: 10/13/2022
Item No.: 4.1.

ATTACHMENTS:

Attachment 1: MPA Amendment 4

UNCLASSIFIED MANAGER:

Vincent Gin, 408-630-2633

**Amendment No. 4 to the
Cost Share Agreement for
Los Vaqueros Reservoir Expansion Project Planning**

The Cost Share Agreement for Los Vaqueros Reservoir Expansion Project Planning between Contra Costa Water District (CCWD) and Alameda County Flood Control and Water Conservation District, Zone 7 (Zone 7); Alameda County Water District (ACWD); East Bay Municipal Utility District (EBMUD); Grassland Water District (GWD); San Francisco Public Utilities Commission (SFPUC); San Luis & Delta-Mendota Water Authority (SLDMWA); and Santa Clara Valley Water District (Valley Water) (collectively, “Local Agency Partners”), dated April 30, 2019 and amended on June 22, 2020 and December 2, 2020 (referred to hereafter as the “Agreement”), shall hereby be amended by this Amendment No.4. The Agreement, together with Amendment No. 1, No.2, No.3, and this Amendment No. 4, may be referenced hereafter as the “Agreement as amended”.

RECITALS

WHEREAS, Contra Costa Water District and the Local Agency Partners (collectively, “Parties”) entered into the Agreement dated April 30, 2019, to provide for the cost-sharing of the funding requirements for the planning of the Los Vaqueros Reservoir Expansion Project (“Project”); and

WHEREAS, on October 20, 2021, formation of the Los Vaqueros Reservoir Joint Powers Authority (the “LVE JPA”) was completed and filed with the California Secretary of State; and

WHEREAS, pursuant to Sections 5 and 17 of the Agreement, the Agreement was amended on June 22, 2020, December 2, 2020, and November 1, 2021 which amendments collectively extended the term of the Agreement to the earlier of (i) the completion of the work contemplated therein, (ii) until [the] Agreement is superseded by an interim funding agreement negotiated among the members of Los Vaqueros Reservoir Joint Powers Authority, or (iii) December 31, 2022, unless the term is further modified consistent with Section 17 of the Agreement; and

WHEREAS, on June 8, 2022 the JPA adopted the budget for fiscal year 2023; and

WHEREAS, Amendment No.3 to this agreement funds work for the first half of fiscal year 2023 and further amendment is needed to fund activities through the second half of fiscal 2023;

WHEREAS, at the time of this amendment the JPA does not have banking services in place and therefore must continue to rely on CCWD to provide those services; and

WHEREAS, the Parties wish to again amend the Agreement to further extend the term of the Agreement as provided for herein; and

WHEREAS, Parties have collectively paid a total of \$10,126,537 to date in addition to in-kind services to support work in the Agreement as amended; and

NOW, THEREFORE, the Parties agree that the above recitals are incorporated in and made part

of the Agreement, and, pursuant to Section 17 of the Agreement, do hereby amend the Agreement as follows:

1. Section 1 (Purpose)

As of the effective date of Amendment No. 4 to the Agreement, purposes a, b, d, e, g, f, j, and l, as provided for in the Agreement, have been achieved and do not require additional funding.

Work to achieve Purposes c, e, h, i, k, and m thru s will be advanced under the Agreement as amended. Work completed by the Consultant Team and CCWD staff to achieve these purposes will be partially funded by this Amendment No. 4 to the Agreement.

A detailed supplemental scope of work and budget for activities funded by this Amendment No. 4 are included in Exhibit A-4 and Exhibit B-4, respectively, which are attached hereto and incorporated herein as if fully set forth in this Amendment No. 4 to the Agreement.

2. Section 3 (Cost & Payment)

Section 3 shall be amended such that the following terms shall, as applicable, supplement and/or supersede the corresponding terms in the Agreement in their entirety.

The payment is intended to provide sufficient funding for advancing the completion of the additional Scope of Work as provided for in Exhibit A-4 and the Budget provided for in Exhibit B-4.

- a) Total costs to fund work hereunder are identified in Exhibit B-4. The CCWD and Local Agency Partners' collective total share of the cost, for work funded through this Amendment, shall not exceed \$7,658,000 ("Total Cost Share").
- b) Notwithstanding anything to the contrary in the Agreement as amended, CCWD and the Local Agency Partners, excluding GWD, shall be responsible for providing the Total Cost Share in accordance with Exhibit B-3. In no event shall any Party's individual share of the Total Cost Share exceed \$1,094,000, excluding GWD. Timing and quantity of payment for each Local Agency Partner shall not vary from what is put forth in Exhibit B-4 unless CCWD and the Local Agency Partners voluntarily agree to modifications pursuant to Sections 3(d)(iv) and 17 of the Agreement. The Total Cost Share described herein is exclusive of any joint defense or litigation cost share amounts which may be determined in a subsequent written agreement entered into pursuant to Section 9 of the Agreement.
- c) The SFPUC's payments as a Local Agency Partner under the Agreement as amended, are subject to and contingent upon the budget and fiscal provisions of the City and County of San Francisco's Charter and the budget decisions of its Mayor and Board of Supervisors. No SFPUC funds will be available hereunder until prior written authorization certified by the City's Controller. The Controller cannot authorize payments unless funds have been certified as available in the budget or in a supplemental appropriation. This Agreement shall automatically terminate, without liability to the City, if funds are not properly appropriated by the Mayor and

Board of Supervisors or certified by the Controller. The SFPUC's obligations hereunder shall never exceed the amount certified by the Controller for the purpose and period stated in such certification. The SFPUC, its employees and officers are not authorized to request services that are beyond the scope of those expressly described herein, unless a written amendment is approved as required by law. As to the SFPUC only, this Section 3(c) controls against any conflicting provision of the Agreement as amended.

- d) CCWD and the Local Agency Partners will split the Total Cost Share equally. CCWD will invoice each of the Local Agency Partners, and itself, for their individual shares of the Total Cost Share detailed in Exhibit B-4.
 - (i) One invoice is anticipated according to the schedule below:
 - 1. January 3, 2023
 - (ii) Payment from the Local Agency Partners shall be remitted within sixty (60) days after invoice submittal.
 - (iii) Funds contributed by the Local Agency Partners shall be committed by CCWD and expended only for work required to further the purposes of this Agreement.
 - (iv) If a sufficient number of Parties withdraw from the Agreement or fail to execute Amendment No. 4 before the second invoice such that the Local Agency Partners' individual cost shares change substantially, or the individual cost shares approach or exceed the maximum financial responsibility for each Party (determined herein as \$1,081,000), each remaining Local Agency Partner, at its sole discretion consistent with Section 3(b) of this Agreement, shall determine whether to withdraw from the Agreement. CCWD and the Local Agency Partners who do not choose to withdraw will work together to develop an amendment that substantially conforms to this Agreement. If no mutually agreeable amendment can be developed, the remaining Parties will terminate this Agreement.
 - (v) If a new Local Agency Partner is added, consistent with Section 12 of this Agreement, each subsequent invoice for each Local Agency Partner will be adjusted to reflect the cost share of the new partner and the total number of Local Agency Partners. The adjustments contemplated herein shall reflect any "catch-up" contribution required of the newly added Local Agency Partner in addition to the contributions to be made on a prospective basis. "Catch-up" contributions shall be calculated based on the then total value of the of the Local Agency Partners' individual monetary shares paid pursuant to the Agreement as amended prior to the date of the new member's signing of the Agreement.
 - (vi) If funds remain after work under this Agreement is completed, each Local Agency Partner will determine whether its pro-rata share of the remaining funds shall be returned or contributed to future work consistent with

Section 7 of this Agreement. Each Local Agency Partner shall advise CCWD of its determination within sixty (60) days of receiving notice from CCWD of the completion of the work, or the remaining funds shall automatically be contributed towards future work.

- (vii) In-kind services may include labor costs and overhead costs for staff who are providing in-kind services for Project activities under this Agreement, including but not limited to data collection, document review, communications, stakeholder outreach, management of third-party consultant contracts, and attending Project meetings. In-kind services will contribute toward the non-State funding match required by the Early Funding Agreement, as it may be amended from time to time. In-kind services, pursuant to Section 2.7(d) of this Agreement, are contributed at the discretion of each Local Agency Partner with no minimum or maximum in-kind contribution limits.

5. Section 5 (Term)

Section 5 shall be amended such that the following term shall modify the corresponding term in the Agreement as amended:

The Agreement as amended shall terminate on the earliest occurring of the following events: (i) completion of the work contemplated herein; (ii) the effective date of an interim funding agreement; or, (iii) June 30, 2023, unless the Term is further modified consistent with Section 17 of this Agreement. The Parties will reasonably cooperate in the transition from this Amendment to the Interim Funding Agreement, with the understanding that certain tasks not yet completed under the this Amended, will be transitioned to the Interim Funding Agreement, and included in the scope of work set forth in Exhibit A-4 hereto.

7. Section 11 (Federal Funding)

Section 11 shall be amended such that the following term shall supersede and replace the corresponding term in the Agreement in its entirety:

With support from the Local Agency Partners, CCWD is seeking a total of \$223 million in federal funding for design, pre-construction, and construction activities through the Water Infrastructure Improvements for the Nation (WIIN) Act or other federal legislation. CCWD has executed an Assistance Agreement for the provision of up to \$7.2 million in federal funding for pre-construction activities. If additional federal funding for the Project is appropriated by Congress, Reclamation would receive the requested funding and the funds would support ongoing work. A portion of the federal funds will be directly applied to the scope of work contained in Exhibit A-4. The federal funds will be credited towards any Non-Program Cost Share as required in the Early Funding Agreement as described in Section 10 of this Agreement.

Effective date of Amendment No. 4.

Amendment No. 4, including the financial contribution provisions herein, shall be effective as of the date of signature by CCWD and each subsequent Local Agency Partner signatory.

Except as amended by this Amendment No. 4, the Agreement as previously amended shall continue in full force and effect. This Amendment No. 4 may be executed in counterparts, each of which shall be deemed an original but all of which taken together shall constitute Amendment No. 4. The parties agree to the use of electronic, scanned, and facsimile signatures.

DRAFT

Ed Stevenson, General Manager
Alameda County Water District

Date

Stephen J. Welch, General Manager
Contra Costa Water District

Date

Clifford C. Chan, General Manager
East Bay Municipal Utility District

Date

Ric Ortega, General Manager
Grassland Water District

Date

Dennis Herrera Manager
San Francisco Public Utilities Commission

Date

Approved as to Form
Deputy City Attorney San Francisco

Date

Federico Barajas, Executive Director
San Luis & Delta-Mendota Water Authority

Date

Rick L. Callender, Esq., Chief Executive Officer
Santa Clara Valley Water District

Date

Valerie Pryor, General Manager
Zone 7 Water Agency

Date

DRAFT

Exhibit A-4

Amendment No. 4 Scope of Work

The following tasks describe the work efforts by Contra Costa Water District (CCWD), consultants for the Los Vaqueros Reservoir Expansion (LVE) Project, and the Local Agency Partners (as indicated) under this Amendment No. 4 to the Agreement. References to joint work efforts by Reclamation are described as appropriate, but are not intended to imply that Reclamation is a party to this Amendment. CCWD will be supported by the consultant and legal services team that are under contract to CCWD and managed by CCWD.

Task 1 Project Management

Task 1.1 Funding Agreement Administration

Administer the Early Funding Agreement executed by CCWD and the California Water Commission (CWC), including meeting reporting and invoicing requirements of the Early Funding Agreement, coordinating with CWC staff as needed to respond to questions and data requests, and managing cost commitments. Provide financial statements and other supporting documentation as requested by the CWC staff pertaining to the Early Funding Agreement.

Administer the Assistance Agreement executed by CCWD and Reclamation, including meeting reporting and invoicing requirements of the Assistance Agreement, and coordination with Reclamation staff as needed to respond to questions, data requests, or other inquiries.

Prepare quarterly progress reports detailing work completed in prior quarter in accordance with Water Storage Investment Program (WSIP) requirements, Cost Share MOA with Reclamation, and the Assistance Agreement with Reclamation. Progress reports will explain the status of the Project and will include the following information: summary of the work completed for the project during the reporting period; activities and milestones achieved; and accomplishments and any problems encountered in the performance of work.

Prepare monthly invoices meeting the invoice content terms of the Early Funding Agreement, the Cost Share MOA with Reclamation, and the Assistance Agreement, including relevant supporting documentation for submittal to the CWC and Reclamation. Coordinate with consultants and Local Agency Partners to prepare and submit sufficient backup documentation to support claimed costs.

Deliverables:

- ☐ Invoices and associated backup documentation
- ☐ Quarterly Progress Reports (for CWC and Reclamation)

Task 1.2 Project Management Activities

This task includes project management activities performed by CCWD, Local Agency Partners, consultants, and other agencies related to, but not limited to, managing staff, invoicing, budgeting, scheduling, procuring consultants and technical services, reviewing submittals, holding meetings and conference calls, and coordinating and reporting project activities that are within the objectives of the Project and of this Agreement.

Deliverables:

- ☐ Summary updates on project management activities in Quarterly Progress Reports

Task 1.3 Joint Powers Authority Formation

This task has been completed.

Task 1.4 JPA Administration

It is anticipated that the JPA will begin regular meetings in late 2021. The Board will select the Administrator, which shall provide management and administrative services for the Authority. CCWD will serve as the initial Administrator, and its rights and responsibilities in that role shall be set forth in the Administrative Agreement, or other agreement between CCWD and the Authority. In its role as the Administrator, CCWD will oversee and manage any consultants of the Authority and will report to the Board.

Legal counsel will work with the legal workgroup to develop all agreements that the JPA will enter into including but not limited to interim funding agreement, service agreements, state and federal funding agreements, contracts to procure services, contracts for administration of public benefits with CDFW and DWR, design and construction agreements with CCWD and EBMUD, usage agreements with CCWD and EBMUD, operations and maintenance agreements with CCWD and EBMUD.

Deliverables:

- ☐ Service agreements
- ☐ Interim funding agreement
- ☐ Design and construction agreement between the JPA and CCWD
- ☐ Design and construction agreement between the JPA and EBMUD

Task 2 Environmental Planning

Task 2.1 Modeling

Modeling tasks to support preparation of the Final Supplement to the Final EIS/EIR were completed previously. Develop new or modify existing modeling tools so that operations or limitations of various operational priorities can be evaluated in terms of benefits to partners. Refine the model to track terms and requirements of various water rights. Refine the Los Vaqueros daily operations model to

accommodate partner operations, which may serve as a tracking tool in the future for permit reporting, billing, scheduling deliveries, etc.

Deliverables:

- ☐ Revised CalSim Model (ongoing)
- ☐ Summaries of modeling results (ongoing)

Task 2.2 Public Outreach

Perform outreach activities to educate and inform the media, elected officials, CCWD ratepayers, communities in the Los Vaqueros area, environmental organizations, and regional and statewide interests about the purpose, objectives, and results of the technical studies.

Respond to routine stakeholder comments. Post responses as appropriate to the CCWD hosted project website at ccwater.com and losvaquerosjpa.com or share with stakeholders in informal meetings.

A public meeting was previously held in Concord to support the CCWD Board of Directors' certification of the Final Supplement, approval of a project, and adoption of CEQA Findings and MMRP.

Deliverables:

- ☐ Stakeholder and public involvement program
- ☐ Documentation of outreach activities
- ☐ Public meeting(s) for Final Supplement to the Final EIS/EIR (completed)
- ☐ Public meetings to support Record of Decision if necessary

Task 2.3 Environmental Document and Technical Studies

The U.S. Department of the Interior, Bureau of Reclamation, Region 10 – California-Great Basin (Reclamation) is the lead agency under the National Environmental Policy Act (NEPA) for preparation of the EIS and, in conjunction with CCWD, the lead agency under CEQA. Reclamation and CCWD previously prepared a joint Final EIS/EIR in March 2010 and CCWD completed construction of the first phase of reservoir expansion from 100,000 acre-feet (100 TAF) to 160 TAF in 2012. Reclamation and CCWD previously prepared a joint Supplement to the Final EIS/EIR document to support the second phase of reservoir expansion up to 275 TAF.

The development of the Supplement to the Final EIS/EIR, including the completion of the necessary technical studies in support of this effort culminating with issuance of the Supplement, were previously completed. The studies and data produced adhered to the federal planning and NEPA guidelines, CEQA guidelines, and WSIP guidance. Technical studies were conducted in accordance with the alternatives identified in the Draft Supplement.

If there are project changes, additional environmental surveys (i.e., aquatic resources, wildlife/botanical, etc.), documentation (i.e., CEQA/NEPA addendum/memo to file) and permitting effort (i.e., application/agreement amendments) may be required.

All agency meetings and technical workgroup meetings required to support the environmental document and studies are described in Task 1.2 and Task 2.2.

(2.3.1) Post-Draft Supplement Technical Studies and Surveys

This task has been completed.

(2.3.2) Transfer-Bethany Pipeline Alternative Location Evaluation

This task has been completed.

(2.3.3) Final Supplement to the Final EIS/EIR

This task has been completed.

(2.3.4) CEQA Findings and Mitigation Monitoring and Reporting Plan

This task has been completed.

(2.3.5) Record of Decision

It is anticipated that Reclamation will issue a Record of Decision on the Project during the term of this Amendment. CCWD will provide support to Reclamation with any necessary reporting, public meetings, briefings, white papers, and/or presentations.

Deliverables:

- ☐ Record of Decision

Task 2.4 Regulatory Permitting

Prepare documentation of environmental regulatory compliance including the Clean Water Act (CWA) Section 404(b)(1), CWA Section 401, the Federal Endangered Species Act (Section 7), the California Endangered Species Act, Section 1602 of the California Fish and Game Code, the National Historic Preservation Act (NHPA Section 106), and the Fish and Wildlife Coordination Act (FWCA). When possible or beneficial, obtain amendments to existing permits and excess compensation land acquired/managed during the Phase 1 expansion. If not possible to amend existing permits, seek new permits. Coordinate with regulatory agencies to confirm when amendments will be appropriate. In support of this task, several key work efforts (described below) will be completed.

Conduct reconnaissance-level biological field surveys of any new project areas (if any) to identify the potential for the presence of sensitive biological resources. Conduct a desktop analysis including a database search of the California Natural Diversity Data Base (CNDDB), California Native Plants Society's Inventory of Rare and Endangered Plants, USFWS species lists, and NMFS species lists in order to determine the potential occurrence of special-status plants, animals, and vegetation communities. Conduct site-specific biotic assessments to identify biological resources that are present or have a high likelihood to occur in the study area, and to assess the likely impacts associated with construction and/or long-term operations of the proposed project on biological resources. The results of the reconnaissance survey and analysis will be used to inform the regulatory permitting documents, and resource agency review.

Prepare the regulatory permit applications for the proposed project. Attend meetings with regulatory agencies. Develop supporting technical reports, as needed, to support preparation of proposed permit

applications. Permit applications and supporting documents to be prepared in support of the project may include: Biological Assessment for Federal Endangered Species Act compliance and Magnuson Stevens Fisheries Conservation and Management Act compliance; Clean Water Act Section 404/Section 10 Individual Permit Application; Clean Water Act Section 401 Clean Water Act Water Quality Certification Application; California Fish and Game Code Section 1602 Streambed Alteration Agreement Application; Section 2081 California Endangered Species Act Incidental Take Permit Application; Fish and Wildlife Coordination Act Report; National Historic Preservation Act Section 106 compliance; and Aquatic Resources Delineation.

Deliverables:

- ☐ Rare plant surveys and report of results (completed)
- ☐ Wetland delineation and mapping, report of results (completed)
- ☐ Administrative Draft Supplement to the Final EIS/EIR (completed)
- ☐ Final Supplement to the Final EIS/EIR (completed)
- ☐ Draft CEQA Findings and MMRP (completed)
- ☐ Final CEQA Findings and MMRP (completed)
- ☐ Permit applications and supporting technical reports, as applicable (in progress)

Task 2.5 Water Rights Permitting

Coordinate with Reclamation, the Department of Water Resources (DWR), Local Agency Partners, and the State Water Resources Control Board (State Water Board) regarding changes to existing water rights. Prepare petitions for change for CCWD's water right permit and assist Reclamation, DWR, and Local Agency Partners with preparation of additional change petitions, as required. File petitions with the State Water Board, assist State Water Board staff with drafting orders and permit amendments as required, respond to any protests that may be filed and seek resolution of those protests, prepare for and participate in hearings as required.

Deliverables:

- ☐ Change petitions for CCWD's Los Vaqueros water right (in progress)
- ☐ Change petitions for Reclamation's water rights (in progress)
- ☐ Change petition(s) for DWR's water rights (in progress)
- ☐ Change petition(s) for Local Agency Partners' water rights, as required
- ☐ Agreement between EBMUD and CCWD for temporary source of water supply
- ☐ Agreement between SFPUC and CCWD for source of water supply

Task 2.6 Compensatory Mitigation

Identify potential mitigation lands as needed for Task 2.4. Determine preliminary appraisal value of potential mitigation lands. Acquire options to acquire mitigation lands with the concurrence of the Local Agency Partners.

Deliverables:

- Identification and preliminary appraisal of potential mitigation sites

Task 2.7 Final Award Hearing Requirements

A series of agreements will be needed to meet the final award hearing requirements of the California Water Commission. Progress on a number of these agreements will commence during the term of this amendment. The agreements necessary to proceed to the final award hearing may include but are not limited to: operations coordination agreements between CCWD and Reclamation and between CCWD and the Department of Water Resources; contracts for administration of public benefits between the JPA and DWR, and between the JPA and CDFW; a cost share agreement between CCWD and Reclamation for pre-construction activities; an agreement between CCWD and DWR for the tie-in of the Transfer-Bethany Pipeline to the California Aqueduct; a Backstop Water Service Agreement between CCWD and EBMUD (pending determination to proceed); an agreement between CCWD and the JPA for design and construction of Project facilities; an agreement between EBMUD and the JPA for design and construction of Project facilities.

Deliverables:

- Operations coordination agreement(s) between CCWD and Reclamation and between CCWD and DWR (in progress)
- Contracts for administration of public benefits between the JPA and CDFW, and between the JPA and DWR
- Cost-share agreement with Reclamation for pre-construction activities (completed)
- Agreement between CCWD and DWR for the tie-in of the Transfer-Bethany Pipeline to the California Aqueduct (in progress)
- MOU between CCWD and EBMUD (completed)
- Cost-share agreement between CCWD and Reclamation for construction activities
- Backstop Water Service Agreement between CCWD and EBMUD (pending determination to proceed)
- Agreement between CCWD and the JPA for the design and construction of Project facilities (in progress)
- Agreement between EBMUD and the JPA for the design and construction of Project facilities (in progress)

Task 3 Engineering Feasibility

Task 3.1 Financial Evaluation

Perform a financial evaluation that will assess the costs and merits of the Project.

Clean Energy Capital will further develop a Microsoft Excel-based Proforma Financial Model for the Project that incorporates water pricing options and integration with the CalSim model; hold stakeholder meetings and workshops; collect and review stakeholder and local partner comments and inputs to the model; refine model as additional information arises that may affect the local agency partners, operations, water pricing, or other financial components of the Project. Clean Energy Capital

will work directly with Local Agency Partners, as needed, to support each agency's understanding and familiarity with the financial evaluation.

Clean Energy Capital will also create a Plan of Finance describing the proposed financing structure and assumptions for financing the Project. The Plan of Finance will take into consideration appropriate debt structures, timing, impact on rates, budgeting, credit ratings, tax laws, availability of grants and other State and Federal funding, Local Agency Partners that may choose to pay upfront in-lieu of participating in JPA financing, and assessment of capital market conditions. Evaluate the funding capabilities of a JPA and associated contractual requirements for partners receiving and paying for services.

Deliverables:

- ☐ Updated Proforma Financial Model (ongoing)
- ☐ Further support for evaluation of Refined Usage Fees (completed)
- ☐ Plan of Finance

Task 3.2 Federal Feasibility Report

The Final Federal Feasibility Report was completed in 2020 and was submitted to Congress on August 11, 2020. The Secretary of the Interior and/or Congress may continue to evaluate federal participation in the Project throughout the term of this Amendment.

Additional work may be necessary to secure Congressional budget appropriations for construction activities. CCWD and Local Agency Partners will also provide support to Reclamation on any post-feasibility report requirements as needed.

Deliverables:

- ☐ Final Federal Feasibility Study (completed)
- ☐ Updated fact sheets for meetings with elected officials (in progress)
- ☐ Updated federal funding and budget requests (in progress)
- ☐ Post-feasibility report support (in progress)

Task 3.3 Design

(3.3.1) Pumping Plant No. 1 Replacement

Preliminary design technical evaluations were completed by CCWD as part of CCWD's Canal Replacement Project. Additional design development and evaluations must be completed in support of permitting and developing inter-agency agreements, including field work, site facility layouts, and development of electrical design sufficient for coordination with the Western Area Power Administration (WAPA).

Deliverables:

- ☐ Pumping Plant No. 1 Preliminary Design Report (completed)
- ☐ Conceptual Facility Layout Drawings (completed)
- ☐ Electrical System Improvements Conceptual Plans (completed)

- ☐ Geotechnical Investigation Report (completed)
- ☐ 30%, 60%, 90% and Final Plans, Specifications (in progress)
- ☐ 30% Construction cost estimates (completed)
- ☐ Final Design
- ☐ Agreement with WAPA

(3.3.2) Los Vaqueros Dam

This task includes work efforts related to design of the Los Vaqueros Dam expansion to gain Division of Safety of Dams (DSOD) authorization to construct. Design-related tasks may include, but are not limited to, reporting, investigations, testing, analysis, and surveys; geotechnical investigations and reporting; stability and deformation analysis; design of earthquake ground motions and parameters, spillway, new high level outlet, inlet/outlet tunnel modifications and dam instrumentation; constructability review, DSOD meetings and correspondence; and design of site restoration for the core borrow area. This task includes meetings with a Technical Review Board for independent review of the dam consultant's work in accordance with DSOD guidelines.

Deliverables:

- ☐ LV Dam Drawings and Specifications 50% (completed)
- ☐ LV Dam Drawings and Specifications 90% (completed)
- ☐ LV Cost Estimate/Schedule 50% (completed)
- ☐ Draft Basis of Design Report (completed)
- ☐ Geotechnical Data Report (completed)
- ☐ LV Dam Risk Assessment (completed)
- ☐ Dam dewatering plan (completed)
- ☐ Constructability Review Comments and Response Matrix (completed)
- ☐ LV Dam Drawings and Specifications 100%
- ☐ LV Cost Estimate/Schedule 100%

(3.3.3) Transfer-Bethany Pipeline

Continue pipeline alignment evaluations resulting from continued coordination with local resource and transportation agencies. CCWD will work with Contra Costa County Public Works and the Contra Costa Transportation Authority and their ongoing regional transportation planning for the Vasco Road widening and the State Route 239 Connector and will evaluate alignment adjustments as needed. CCWD will work with resource agencies to evaluate implications of alignment modifications and construction methods and associated mitigation and land needs along the alignment south of Vasco road in support of coordination with the East Contra Costa Habitat Conservation Plan and the County. CCWD will coordinate with the Department of Water Resources to review and define design criteria and to develop designs of the turn-in to the California Aqueduct, and will review available geotechnical information and define pipeline corridor within State owned lands. A final pipeline alignment and land acquisition corridor will be defined. CCWD will prepare a geotechnical work plan and initial assessment of land acquisition needs.

Topographic survey will be completed with up-to-date aerial photography. CCWD will work with landowners and secure access rights to conduct field investigations, including geotechnical investigations, cathodic protection surveys and environmental surveys, as needed. Preliminary design of the pipeline and turn-in will be developed, including plan and profile drawings, hydraulic analysis, pipeline material evaluation, surge analysis and preparation of preliminary design construction schedule and cost estimate. A risk assessment will be conducted and a risk register developed that will be maintained through project implementation. Prepare plats and legal descriptions for temporary and permanent land acquisition, conduct property appraisals, initiate negotiations with landowners, and begin procurement of pipeline rights-of-way.

Deliverables:

- ☐ Alignment Adjustment Evaluations Tech Memo (completed)
- ☐ Transfer-Bethany Pipeline Design Criteria Tech Memo
- ☐ Transfer-Bethany Pipeline Preliminary Design Report
- ☐ Topographic Survey
- ☐ Geotechnical Work Plan
- ☐ Assessment of Pipeline Land Acquisition Needs (in progress)
- ☐ Draft and Final Geotechnical Data Report
- ☐ Title and Appraisal Reports

(3.3.4) Operation and Reliability Assessment

This task has been completed.

(3.3.5) Recreation Facilities

Plan and develop the conceptual designs for project recreational facilities (i.e., Marina Complex and replacement of Los Vaqueros Road, Service Road/Hiking Trail, Interpretative Center Expansion, Watershed Office Barn, ADA-compliant trail at the existing Mortero Wetland Complex, relocated fishing piers). Services specific to the development of the replacement of Los Vaqueros Road will include development of initial plan and profile design of the roadway, including estimates of grading modifications, drainage, pavement and other elements to support a preliminary design construction cost estimate.

Deliverables:

- ☐ Conceptual plans and renderings (in progress)
- ☐ Preliminary basis of design report (in progress)
- ☐ Design & construction cost estimate (in progress)

(3.3.6) Existing Facilities Inspections and Assessments

Procure consulting services to conduct inspections and assessments of the existing Los Vaqueros Pipeline, the Transfer Pipeline, and the Contra Costa Canal between Pumping Plant No. 2 and Pumping Plant No. 4 to confirm condition, reliability, and capacity to operate consistent with the planned

operations. Develop facility impact plans to coordinate CCWD operations, shutdowns and draining, as needed. Prepare inspection reports and recommend improvements, if needed.

Deliverables:

- ☐ Pipeline inspection firm procurement documents (completed)
- ☐ Pipeline Inspection (in progress)
- ☐ Reports documenting conditions of facilities and potential future actions or improvements
- ☐ Geotechnical Investigation Work Plan

Task 3.4 Capital Project Management Support

CCWD will competitively procure a consultant to provide Capital Project Management Support Services to conduct a range of risk and technical project activities, including risk assessment and participation in the risk management team, schedule control and optimization, deliverable tracking, project controls and quality management, and resource and budget projections.

Deliverables:

- ☐ Risk Management Plan
- ☐ Implementation Phase Risk Assessment Report
- ☐ Evaluation of the need for alternative water supply during dam construction

Exhibit B-4

Budget and Cost Share

The budget for Amendment No. 4 to the Agreement covers three major tasks: project management, environmental planning, and engineering feasibility. The total budget includes projected expenditures for legal and consulting services, CCWD staff in-kind services, Local Agency Partner in-kind services, and Reclamation expenses. The total cost for the scope of work listed in Exhibit A-3 that is covered in this Amendment is \$13,250,000 as shown in Table 1.

Table 1. Budget of Scope of Work

	Original MPA Budget	Amendment No. 2	Amendment No.3	Amendment No. 4	Total
Project Management	\$1,090,600	\$2,302,400	\$1,460,200	\$1,768,000	\$6,621,200
Environmental Planning	\$3,777,400	\$5,368,967	\$4,816,429	\$4,462,000	\$18,424,796
Engineering Feasibility	\$6,755,400	\$10,161,300	\$13,467,940	\$6,306,000	\$36,690,640
Contingency		*	\$987,228	\$714,000	\$1,701,228
Total	\$11,623,400	\$17,832,667	\$20,731,798	\$13,250,000	\$63,437,864

*\$300,000 was assumed as contingency in Amendment No. 2 but was included in the Project Management Task

The total cost to complete the scope of work, \$13,250,000 and will be paid through a combination of reimbursement from Reclamation, reimbursement from the California Water Commission (CWC), and contributions from CCWD and the Local Agency Partners. To calculate the amount owed by CCWD and the Local Agency Partners, the total cost is reduced by reimbursements from the CWC and Reclamation and the projected carryover of unspent funds from the Agreement as amended. The costs remaining after accounting for contributions from CWC, Reclamation, and carryover funding is \$7,658,000 as shown in Table 2. This is equal to the Total Cost share defined in Section 3(a) of the Agreement as amended and will be split equally among CCWD and the Local Agency Partners, excluding Grassland Water District which will provide in-kind services only. One invoice is proposed over the term of the Agreement as amended for CCWD and each Local Agency Partner.

Table 2. Cost to be Paid by CCWD and LAPs

Net Costs for term covered by Amendment No. 4 to Multi-party Agreement (January 2023 - June 2023)	
	Amount
Total Projected Costs	\$13,250,000
less Reclamation reimbursement	-\$3,009,000
less projected carryover of unspent funds from Amendment No.3	-\$1,250,000
less projected CWC reimbursement	-\$1,333,000
Total Remaining Costs	\$7,658,000

Table 3 shows the invoice schedule and the total costs per agency varying by the total number of agencies participating. For purposes of calculating the amount to be invoiced, the “total number of agencies participating” is equal to the total number of parties signatory to this Amendment No. 4 (including CCWD) but excluding Grassland Water District and further excluding any signatory party which has completed its withdrawal from the Agreement prior to the time for payment.

Table 3. Cost per Agency and Invoice Schedule

		Invoice #1
	Total Cost Per Agency	January 2023
7 Agencies Participate	\$1,094,000	\$1,094,000



Santa Clara Valley Water District

File No.: 22-1162

Agenda Date: 10/13/2022

Item No.: 4.2.

COMMITTEE AGENDA MEMORANDUM

Water Storage Exploratory Committee

SUBJECT:

Standing Items.

RECOMMENDATION:

- A. This agenda item allows the Committee to receive verbal or written updates and discuss the projects listed in the summary. These items are generally informational; however, the Committee may request additional information from staff:
- B. This is informational only and no action is required.

SUMMARY:

Standing Items will allow regular reports from staff on subjects that may be of interest to the committee members.

Staff may provide a verbal update at the 10-13-2022, meeting if there is reportable/updated information.

- 1. Update on Los Vaqueros Reservoir Expansion Project (LVE) Transfer Bethany Pipeline (TBP) and Update on Management of South Bay Aqueduct (SBA) Facilities (separate agenda item=4.1)
- 2. Del Puerto (Verbal Update)
- 3. Water Banking Opportunities including but not limited to Pleasant Valley Water District (Verbal Update)
- 4. Pacheco/San Luis Reservoir Low Point (No Update)
- 5. Semitropic (No Update)
- 6. Sites (Verbal Update)
- 7. B.F. Sisk Dam Raise Project (Verbal Update)
- 8. Shasta (No Update)

ATTACHMENTS:

None.

UNCLASSIFIED MANAGER:

Candice Kwok-Smith, 408-630-3193



Santa Clara Valley Water District

File No.: 22-1163

Agenda Date: 10/13/2022

Item No.: 4.3.

COMMITTEE AGENDA MEMORANDUM

Water Storage Exploratory Committee

SUBJECT:

Review Water Storage Exploratory Committee Work Plan and the Committee's Next Meeting Agenda.

RECOMMENDATION:

Review the Committee's Work Plan to guide the Committee's discussions regarding policy alternatives and implications for Board deliberation.

SUMMARY:

The Committee's Work Plan outlines the Board-approved topics for discussion to be able to prepare policy alternatives and implications for Board deliberation. The work plan is agendaized at each meeting as accomplishments are updated and to review any work plan assignments by the Board.

BACKGROUND:

Governance Process Policy-8:

The District Act provides for the creation of advisory boards, committees, or committees by resolution to serve at the pleasure of the Board.

Accordingly, the Board has established Advisory Committees, which bring respective expertise and community interest, to advise the Board, when requested, in a capacity as defined: prepare Board policy alternatives and provide comment on activities in the implementation of the District's mission for Board consideration. In keeping with the Board's broader focus, Advisory Committees will not direct the implementation of District programs and projects, other than to receive information and provide comment.

Further, in accordance with Governance Process Policy-3, when requested by the Board, the Advisory Committees may help the Board produce the link between the District and the public through information sharing to the communities they represent.

ATTACHMENTS:

Attachment 1: 2022 WSEC Work Plan

File No.: 22-1163

Agenda Date: 10/13/2022
Item No.: 4.3.

UNCLASSIFIED MANAGER:

Candice Kwok-Smith, 408-630-3193

2022 Work Plan: Water Storage Exploratory Committee

Update: October 2022

The annual work plan establishes a framework for committee discussion and action during the annual meeting schedule. The committee work plan is a dynamic document, subject to change as external and internal issues impacting Valley Water occur and are recommended for committee discussion.

ITEM	WORK PLAN ITEM	MEETING	INTENDED OUTCOME(S)	ACCOMPLISHMENT DATE AND OUTCOME
1	<p>Standing Items:</p> <ol style="list-style-type: none"> Update on Los Vaqueros Reservoir Expansion Project (LVE) Transfer Bethany Pipeline (TBP) and Update on Management of South Bay Aqueduct (SBA) Facilities Del Puerto Water Banking Opportunities including but not limited to Pleasant Valley Water District Pacheco/ San Luis Reservoir Low Point Semitropic Sites B.F. Sisk Dam Raise Project Shasta 	<p>1-27-2022 3-7-2022 7-13-2022 10-13-2022</p>	<ul style="list-style-type: none"> Receive quarterly reports on standing items. (Information) 	<p>Accomplished January 27, 2022: The Committee received verbal reports on the following projects: GROUNDWATER BANK UPDATE: reported on by <u>Ms. Cindy Kao</u> McMullin GSA Groundwater Bank:</p> <ul style="list-style-type: none"> McMullin is continuing to develop a joint EIR/EIS and updating a Feasibility Study (expanding and revising it as part of the USBR approval process for CVP Banks) environmental review work and early design of the project facilities McMullin is working on developing a funding and participation agreement. VW staff is working to secure additional information about project costs, milestones, and timeline. DWR's comments on the McMullin GSP which, if not already released, will be released on January 28th. Imported Water Unit staff will be reviewing <p>AVEK Groundwater Bank:</p> <ul style="list-style-type: none"> We've worked with them to develop a draft Pilot Banking Agreement - to test the feasibility of the bank for us and understand any administrative challenges that may arise. The intent is to allow us to put down a small amount of water (flexibility for up to 15,000 AF) <p>The intent is to effectively test the ability to return the water and secure the necessary agreements with DWR. And to test the ability of AVEK will store "banked" water in San Luis Reservoir on behalf of Valley Water for direct recovery</p>

Yellow = Update Since Last Meeting

Blue = Action taken by the Board of Directors

Attachment 2

Page 1 of 12

2022 Work Plan: Water Storage Exploratory Committee

Update: October 2022

ITEM	WORK PLAN ITEM	MEETING	INTENDED OUTCOME(S)	ACCOMPLISHMENT DATE AND OUTCOME
				<p><u>PACHECO RESERVOIR EXPANSION PROJECT</u> <u>UPDATE:</u> reported on by <u>Mr. Ryan McCarter</u></p> <ul style="list-style-type: none"> • Draft EIR is out for public comments until February 15, 2022, then staff will compile comments for final EIR • 2nd Phase field investigation gather additional data for the power transmission line and access at dam site, working with Division of Safety of Dams (DSOD) for work-plan get buy-in on the Phase 2 geotechnical investigation • Correspondence with the DSOD on the dam type, had question on the heart fill may be long road to get approved and permitted so considering switching to the earth fill site upstream site, looking at alternative analysis and will go over this information at the February 16, 2022, meeting • WIFIA application working on submitting April 2022 • Potential partnership opportunities and discussions are ongoing, the consultant team is on board • Pacheco Pass Water District (PPWD) meeting held January 25, 2022, Board Members: Ryan Bergamini. Mark Tobias.; Shawn Bourdet, Garrett Haertel and Scott Rossi. <ul style="list-style-type: none"> ▪ PPWD planning on moving forward with the spillway repair <p><u>SITES:</u> reported on by Ms. Cindy Kao</p> <ul style="list-style-type: none"> ▪ In December, the California Water Commission voted in favor of the feasibility of the Sites project, which keeps the project eligible for \$800M in WSIP funding

Yellow = Update Since Last Meeting

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2022 Work Plan: Water Storage Exploratory Committee

Update: October 2022

ITEM	WORK PLAN ITEM	MEETING	INTENDED OUTCOME(S)	ACCOMPLISHMENT DATE AND OUTCOME
				<ul style="list-style-type: none"> The project is up for the next phase of funding and we are being asked to consider executing an amendment to the existing agreement that would cover funding for the next 3 years. Staff is analyzing the current status of the project - (benefits, costs, and financial information) Current Participants are being asked to seek approval to continue funding by the end of March We are hoping to bring our recommendation to the next meeting of this committee before going to the full board in March. <p><u>B.F. SISK DAM RAISE PROJECT:</u> reported on by <u>Ms. Cindy Kao</u></p> <ul style="list-style-type: none"> Valley Water Staff is coordinating with the San Luis & Delta-Mendota Water Authority (SLDMWA) on developing the project description and cost sharing consideration. We have been told that a cost share agreement is expected to be developed this spring. The SLDMWA voted to hire a project manager to move the project forward more efficiently. Staff thanked and gave credit to Valley Water partner, Mr. Jeff Cattaneo, District Manager-District Engineer of San Benito County Water District for his idea and key driver for the hiring of the project manager. <p><u>SEMITROPIC:</u> reported on by <u>Ms. Cindy Kao</u></p> <ul style="list-style-type: none"> Through December, VW recovered approximately 35,959 acre-feet from Semitropic VW currently has roughly 297,208 AF in storage (~85% full) Imported Water Unit staff will be reviewing DWR's comments on the Semitropic and Kern Subbasin GSPs which, if not already released, will be released on January 28th. <p>The Water Storage Exploratory Committee took no action</p>

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2022 Work Plan: Water Storage Exploratory Committee

Update: October 2022

ITEM	WORK PLAN ITEM	MEETING	INTENDED OUTCOME(S)	ACCOMPLISHMENT DATE AND OUTCOME
				<p>Accomplished March 7, 2022: The Committee received verbal reports on the following projects: <u>UPDATE ON LOS VAQUEROS RESERVOIR EXPANSION PROJECT (LVE) TRANSFER BETHANY PIPELINE (TBP) AND UPDATE ON MANAGEMENT OF SOUTH BAY AQUEDUCT (SBA) FACILITIES</u> reported on by Mr. Michael Martin</p> <ul style="list-style-type: none"> JPA will be meeting on Wednesday, March 8, 2022, the agenda includes actions on a Diversity policy and Board Meeting Decorum Policy, and discussions on hiring an Executive Director, the FY23 budget, a Claims Policy, and CEQA Policy. provided a briefing to Chair Kremen and Director LeZotte as the representatives to the JPA Board. An overview of the FY23 budget will be discussed at this Wednesday's JPA meeting and be going through a staff workgroup, discussions, the financial committee, and to the JPA Board this spring. Once a FY23 budget is in place, that will lead to an interim funding agreement between the JPA members in the fall to keep the project funded through the end of 2023 or until the JPA fully takes over financial administration. During the February JPA Board meeting, The JPA decided to go with a more rapid approach in bringing on an Executive Director and recruitment will likely start in April/May with assistance from a Board ad-hoc committee. Staff is still planning on bringing a discussion for VW participation in the coming months. Negotiations are upcoming that will influence the staff recommendation on participation. project schedule indicates VW will need a participation decision at the end of CY 22 or early CY 23. <p><u>DEL PUERTO CANYON RESERVOIR</u> reported on by Ms. Cindy Kao:</p>

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2022 Work Plan: Water Storage Exploratory Committee

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				<ul style="list-style-type: none"> December 15, 2021, CA Water Commission approved the feasibility of the project which makes it eligible to apply for funds if Prop 1 is opened for more applications VW Staff just learned about a group of 10 Friant Users filed a lawsuit in November 2020 alleging that the Exchange Contractors do not have the right to store their water in the reservoir, the lawsuit reflects their concern that there could be some indirect impact if those Exchange Contractors store water instead of taking direct delivery of that water *please place the lawsuit information in the Board's Non-Agenda Packet <p>GROUNDWATER BANK UPDATE reported on by <u>Ms. Cindy Kao</u> McMullin:</p> <ul style="list-style-type: none"> Imported Water Unit Staff reviewed DWR's comments on the King's subbasin which includes the GSP's 1 of which is the McMullin area Groundwater Sustainability Agency's (GSA) GSP and DWR sent an incomplete determination letter to state the GSP is inadequate and must be fixed 180 days Local GSA's have until July 27, 2022, to revise and re-submit their plans VW is participating in the McMullin board meetings and tracking the proposed revisions to the GSPs <p>Antelope Valley East Kern (AVEK) partnership:</p> <ul style="list-style-type: none"> Draft pilot banking agreement was developed, and the term sheet was sent to AVEK to review, and they are evaluating and seeking board approval before it is approved

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2022 Work Plan: Water Storage Exploratory Committee

Update: October 2022

ITEM	WORK PLAN ITEM	MEETING	INTENDED OUTCOME(S)	ACCOMPLISHMENT DATE AND OUTCOME
				<p><u>PACHECO RESERVOIR EXPANSION PROJECT</u> <u>UPDATE:</u> reported on by Mr. Ryan McCarter</p> <ul style="list-style-type: none"> The Public comment period for the draft EIR closed February 15, 2022, and comments from nearly 200 different sources were received. Many of the comments were from members of the public opposing the project. Also had several regulatory agencies and NGOs also submitted comments on many different topics, as usual. The team will be compiling all the comments and working to address them and incorporate them into the Final EIR. The team had a very productive meeting with DSOD with regards to the dam type we are proposing on February 16, 2022. We shared our intentions to submit 30% design plans for an earthfill dam at the upstream site next month. DSOD was pleased that Valley Water decided to discontinue pursuing the hardfill dam concept. It was agreed that it could be a long process to vet the concept with DSOD. The critical activities over the next few months will be processing the Draft EIR comments and working on the 30% level design that will include plans and a new construction cost estimate *public comment letters can be made available to the Board in the Non-Agenda Packet when available. <p><u>SEMITROPIC:</u> reported on by Ms. Cindy Kao</p> <ul style="list-style-type: none"> January 2022 VW recovered 3,736 acre feet water from semitropic, we're continuing to receive water from bank and VW has roughly 293,000 acre feet in storage and is about 84% full

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2022 Work Plan: Water Storage Exploratory Committee

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ITEM	WORK PLAN ITEM	MEETING	INTENDED OUTCOME(S)	ACCOMPLISHMENT DATE AND OUTCOME
				<ul style="list-style-type: none"> DWR sent an incomplete determination letter to Kern Subbasin GSP to state the GSP is inadequate and must be fixed 180 days (issue=land subsidence, water quality, reduced storage levels) Local GSA's have until July 27, 2022, to revise and re-submit their plans VW is participating in the Semitropic, Kern Groundwater Authority, and Kern County Agency board meetings and tracking the development of the GSPs 123 TCP is being worked on by VW staff and the committee will receive an update when completed <p><u>B.F. SISK DAM RAISE PROJECT:</u> reported on by Ms. Cindy Kao</p> <ul style="list-style-type: none"> February 23, 2022, the San Luis and Delta-Mendota Water Authority (SLDMWA/Authority) re-released RFP to solicit bids for full time Project Manager for the Sisk Dam Raise project, and proposals are due by March 29, 2022, The Authority is planning on soliciting participation of the project through an activity agreement executed among the interested members of SLDMWA with an option for participation by non SLDMWA members as well. The activity agreement was to be considered for approval at the March 10, 2022, SLDMWA board meeting. VW currently developing principles of agreement in advance of negotiations with Reclamation to nail down and clarify for all the potential participants of what the benefits and the costs and cost allocation approach to be agreed upon, also working with the Authority to identify what those principles are

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2022 Work Plan: Water Storage Exploratory Committee

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ITEM	WORK PLAN ITEM	MEETING	INTENDED OUTCOME(S)	ACCOMPLISHMENT DATE AND OUTCOME
				<p>The Water Storage Exploratory Committee took no action.</p> <p>Accomplished July 13, 2022: The Committee received the following reports: Del Puerto Canyon Reservoir:</p> <ul style="list-style-type: none"> •Del Puerto and Exchange Contractors continue to work on the project •No fatal flaws found in work to date. Geotechnical work is upcoming. •Del Puerto WD looking to obtain Integrated Regional Water Management (IRWM) implementation grant funds to support continued work. •They are not interested in working with partners at this time, but after geotechnical evaluation to ensure feasibility, they plan to look for partnering. •CEQA lawsuit update will come to the Committee <p>Water Banking Opportunities <u>Pleasant Valley:</u></p> <ul style="list-style-type: none"> •Discussing long-term exchange opportunity with Pleasant Valley WD while they continue evaluating the viability of a water bank and necessary infrastructure improvements. <p><u>Aquaterra:</u></p> <ul style="list-style-type: none"> •Revised Feasibility Study has been completed and is under review by staff and other interested parties. We finished our review. There are some gaps on water quality and other data. •They are revising their Groundwater Sustainability Plan (GSP) and will submit revisions on July 27th, 2022. •Staff continues to participate in McMullin's Board Meetings and track proposed revisions to the GSP. <p>AVEK:</p> <ul style="list-style-type: none"> •AVEK is in the process of developing the first phase of their groundwater bank with MWD.

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Update: October 2022

ITEM	WORK PLAN ITEM	MEETING	INTENDED OUTCOME(S)	ACCOMPLISHMENT DATE AND OUTCOME
				<ul style="list-style-type: none"> •Valley Water is interested in the second phase of the bank and are interested in doing a pilot program with them. •AVEK Staff went to their Board and the Board would like to have a discussion with their staff in the fall. •So AVEK is holding off on further discussions with us until after they've talked to the Board in a few months. <p><u>Semitropic:</u></p> <ul style="list-style-type: none"> •Continuing recovery on our behalf totaling 10.5 TAF thru May. •ST submitted GSP updates submitted to Kern Groundwater Authority (KGA) on June 15th. •KGA will compile the updates from all their member agencies and plans to adopt revisions on July 20th •Submittal to DWR by deadline July 27th. <p><u>Sites:</u></p> <ul style="list-style-type: none"> •On June 28, 2022, the Board approved sending in a letter to the Sites Project asking to be put on the waiting list to increase our participation level. The letter is drafted and will be going out shortly. <p><u>B. F. Sisk Dam Raise and Reservoir Expansion:</u></p> <ul style="list-style-type: none"> •San Luis and Delta-Mendota Water Authority (SLDMWA) awarded a consulting contract to Hallmark Group to serve as the Project Manager for the Sisk Dam raise project. •Valley Water is currently working with participating SLDMWA members to develop principles of agreement, which is intended to provide assurances to prospective participants prior to making a larger financial commitment. <p><u>Shasta Dam:</u></p> <ul style="list-style-type: none"> •Reclamation is not performing any further work related to the Raise of Shasta Dam at this time.

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2022 Work Plan: Water Storage Exploratory Committee

Update: October 2022

ITEM	WORK PLAN ITEM	MEETING	INTENDED OUTCOME(S)	ACCOMPLISHMENT DATE AND OUTCOME
				<ul style="list-style-type: none"> The project has not received any additional WIIN Act funding as recent appropriations language prohibits the use of these funds for the project. <p>The Water Storage Exploratory Committee took no action.</p>
2	Update on Los Vaqueros Reservoir Expansion Project:	1-27-2022 6-17-2022 7-13-2022 10-13-2022	<ul style="list-style-type: none"> Receive Update on Los Vaqueros Reservoir Expansion Project 	<p>Accomplished January 27, 2022: The Committee received an update on the Los Vaqueros Reservoir Expansion Project and took no action.</p> <p>Accomplished June 17, 2022: The Committee received an update on the Los Vaqueros Reservoir Expansion Project and took no action.</p> <p>Accomplished July 13, 2022: The Committee received an update on the Los Vaqueros Reservoir Expansion Project and took the following action: The Committee unanimously approved staff's recommendation that the Board consider Valley Water begin negotiations of Los Vaqueros Reservoir Expansion Project (LVE) participation level of 30 to 50 Thousand Acre Feet of Storage and conveyance to deliver dry year supplies via the Transfer Bethany Pipeline. <i>On August 23, 2022, The Board approved increasing the Los Vaqueros Reservoir Expansion Project storage capacity to 50 thousand acre-feet.</i></p>

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2022 Work Plan: Water Storage Exploratory Committee

Update: October 2022

ITEM	WORK PLAN ITEM	MEETING	INTENDED OUTCOME(S)	ACCOMPLISHMENT DATE AND OUTCOME
3	Review of 2022 Water Storage Exploratory Committee Work Plan	1-27-2022 3-7-2022 7-13-2022 10-13-2022	<ul style="list-style-type: none"> Review the Committee's 2022 Work Plan. 	<p>Accomplished January 27, 2022: The Committee reviewed the work plan and added a discussion on agricultural water needs.</p> <p>Accomplished March 7, 2022: The Committee reviewed the work plan and took no action.</p> <p>Accomplished July 13, 2022: The Committee reviewed the work plan and took no action.</p>
4	Update on Sites Reservoir Project: Third Amendment to 2019 Reservoir Project	3-7-2022	<ul style="list-style-type: none"> Receive an update on the Sites Reservoir Project. 	<p>Accomplished March 7, 2022: The Committee received an update on the Sites Reservoir Project: Third Amendment to 2019 Reservoir Project and took the following action: The Water Storage Exploratory Committee took the following action: The Committee by roll call vote unanimously approved staff's recommendation that the Board consider authorizing the Chief Executive Officer to execute the Third Amendment to 2019 Reservoir Project Agreement for a participation level of 0.2 percent of the total project and a funding commitment of \$200,000 covering calendar years 2022 through 2024 and appoint the Valley Water Project Agreement Member Primary and Alternative Representatives. <i>On March 22, 2022, the Board of Directors took action approving staff's recommendation.</i></p>

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2022 Work Plan: Water Storage Exploratory Committee

Update: October 2022

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5	Sites Reservoir Project: Letter to Request Opportunity to Increase Valley Water's Participation Level	6-17-2022	<ul style="list-style-type: none"> Receive an update on the Sites Reservoir Project. 	<p>Accomplished June 17, 2022: The Committee received an update on the Sites Reservoir Project: Letter to Request Opportunity to Increase Valley Water's Participation Level The Committee by roll call vote unanimously approved staff's recommendation that the Board consider authorizing the Chief Executive Officer to send a letter expressing Valley Water's potential interest in increasing our participation level in the planning phase of the Sites Reservoir Project if space in the project becomes available and is supported by future analysis. <i>On June 28, 2022, the Board of Directors took action asking staff to revise the last sentence of the first paragraph of the draft letter to state that staff is committed to returning to the Board of Directors for future decision on participation level, subject to additional analysis of the project and Valley Water's other investments.</i></p>
6	Discussion on the Agricultural Water Needs	TBD	<ul style="list-style-type: none"> Discussion on the agricultural water needs, 	
7	Groundwater Bank Update	TBD	<ul style="list-style-type: none"> Receive and discuss information regarding potential groundwater storage projects 	
8	Pacheco Reservoir Expansion Project Update (San Luis Reservoir Low Point Projects)	TBD	<ul style="list-style-type: none"> Receive and discuss information regarding the status of Pacheco Reservoir Expansion Project (San Luis Reservoir Low Point Projects) 	

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