



REGULAR MEETING OF THE BOARD OF DIRECTORS
2:00 pm Tuesday, November 7, 2023

In Person:

380 East Vanderbilt Way
San Bernardino, CA 92408

Online via Zoom:

<https://sbvmwd.zoom.us/j/684456030>

Meeting ID: 684 456 030

PASSCODE: 3802020

By Telephone:

Dial-in Info: (877) 853 5247 US Toll-free

Meeting ID: 684 456 030

PASSCODE: 3802020

If you are unable to participate online or by telephone, you may also submit your comments and questions in writing for the District's consideration by sending them to comments@sbvmwd.com with the subject line "Public Comment Item #" (insert the agenda item number relevant to your comment) or "Public Comment Non-Agenda Item". Submit your written comments by **6:00 p.m. on Monday, November 6, 2023**. All public comments will be provided to the Board President and may be read into the record or compiled as part of the record.

IMPORTANT PRIVACY NOTE: Online participants **MUST** log in with a Zoom account. The Zoom app is a free download. Please keep in mind: (1) This is a public meeting; as such, the virtual meeting information is published on the World Wide Web and available to everyone. (2) Should you participate remotely via telephone, your telephone number will be your "identifier" during the meeting and available to all meeting participants; there is no way to protect your privacy if you elect to call in to the meeting.



Director by Teleconference:

Director Longville: USFWS National Conservation Training Center - 698 Conservation Way, Shepherdstown, WV 25443

Director Harrison: USFWS National Conservation Training Center - 698 Conservation Way, Shepherdstown, WV 25443

SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT

380 E. Vanderbilt Way, San Bernardino, CA 92408

REGULAR MEETING OF THE BOARD OF DIRECTORS

2:00 PM Tuesday, November 7, 2023

CALL TO ORDER/PLEDGE OF ALLEGIANCE/ROLL CALL

1) PUBLIC COMMENT

Members of the public may address the Board regarding any item within the subject matter jurisdiction of the Board; however, no action may be taken on off-agenda items except as authorized by law. Each speaker is limited to a maximum of three (3) minutes.

2) CONSENT CALENDAR

- 2.1 Approve Minutes of the Board of Directors' Workshop - Policy/Administration - October 5, 2023 (2 min) - Page 3
[Staff Recommendation - Approve Minutes of the Board of Directors Workshop - Policy/Administration 100523](#)
- 2.2 Approve Minutes of the Board of Directors' Workshop - Resources-Engineering October 10, 2023 (2 min) - Page 6
[Staff Recommendation - Approve Minutes of the Board of Directors' Workshop - Resources/Engineering 101023](#)
- 2.3 Approve Minutes of the Regular Board of Directors' Meeting - October 17, 2023 (2 min) - Page 13
[Staff Recommendation - Approve Minutes of the Regular Board of Directors' Meeting -October 17, 2023](#)
- 2.4 Cancel November 21, 2023, 2:00 p.m. - Regular Board Meeting

3) PRESENTATIONS

- 3.1 Recognition of our Nation's Veterans by the Board of Directors (5 min) - Page 23
[Resolution 1053 Recognizing the Nation's Veterans on Veterans Day](#)

4) DISCUSSION AND POSSIBLE ACTION ITEMS

- 4.1 Project Status Update for the Enhanced Recharge Phase 1B Project (20 min) - Page 24
[Staff Memo - Project Status Update for the Enhanced Recharge Phase 1B Project Enhanced Recharge Phases Exhibit](#)

5) REPORTS (Discussion and Possible Action)

- 5.1 State Water Project Report (20 min) - Page 27
[Staff Memo - State Water Project Report](#)
[Excerpt from Delta Conveyance Design & Construction Authority October 2023 Monthly Report](#)
[Sites Reservoir Project Monthly Status Report for September 2023](#)
- 5.2 Directors' Report of Activities and Travel Requests in accordance with Resolution 1100
- 5.3 General Counsel Report
- 5.4 Ad-Hoc and Standing Committee Reports
- 5.5 SAWPA Meeting Report

6) FUTURE BUSINESS

7) ANNOUNCEMENTS

- 7.1 List of Announcements (2 min) - Page 35
[List of Announcements 110723](#)

8) CLOSED SESSION

9) ADJOURNMENT

**MINUTES
OF
THE
BOARD OF DIRECTORS WORKSHOP – POLICY / ADMINISTRATION
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT**

October 5, 2023

Directors Present: Gil J. Botello, T. Milford Harrison, Susan Longville

Directors Absent: June Hayes, Paul R. Kielhold

Staff Present:

Joanna Gibson, MS – Executive Director Upper SAR Habitat Conservation Program
Wen B. Huang, PE, MS – Assistant General Manager/Chief Operating Officer
Jose Macedo, ML, CPT-P (USA Retired) – Chief of Staff/Clerk of the Board
Michael Plinski, PE – Chief of Water Resources
Cindy Saks, Chief Financial Officer/Deputy General Manager
Bob Tincher, PE, MS – Chief of Statewide Water Initiatives/Deputy General Manager
Melissa Zoba, MBA, MPA – Chief Information Officer

Anthony Flordelis – Business Systems Analyst
Kelly Malloy, MPA – Strategic Communications Manager
Shavonne Turner, MPA – Engagement & Conservation Program Manager

Members of the Public in Attendance:

Letitia White, Innovative Federal Strategies
Jeanette Windon, Innovative Federal Strategies
Jean Denton, Innovative Federal Strategies
Sam Swinson, Innovative Federal Strategies
Melody McDonald, San Bernardino Valley Water Conservation District
June Hayes

The Policy/Administration Workshop of the Board of Directors was called to order by Chairperson Botello at 2:00 p.m. A quorum was noted present.

Agenda Item 1. Introductions. None.

Agenda Item 2. Public Comment

Chair Botello invited public comment. There was none.

Agenda Item 3. Discussion and Possible Action Items.

3.1) Federal Legislative Update. Letitia White of Innovative Federal Strategies (IFS) reported on current events in the federal legislature including removal of Speaker of the House Kevin McCarthy and the process to replace him. All work on appropriations bills has been put on hold, the Continuing Resolution is in effect until November 17, and the Senate is in recess for Senator Dianne Feinstein's funeral.

Ms. Jean Denton noted the Continuing Resolution was in place prior to the disarray unfolding this week, and the government is currently funded at FY 2023 levels. The Federal Emergency Management Agency (FEMA) funding is available only for disaster emergencies; the funding previously for Ukraine was not included, she noted. She posited there will likely be another Continuing Resolution to carry through the end of the year.

Due to events of this week, the House was unable to take up the energy and water appropriations bill for FY 2024, Ms. Denton continued. The four bills passed are unlikely to get through the Senate, she said.

Ms. White advised that IFS is monitoring the water resources reauthorization bill and other items. She noted the National Habitat Conservation Plan (HCP) Coalition conference coming up in West Virginia.

Ms. White provided some background on Laphonza Butler who has been appointed to serve the remainder of Dianne Feinstein's term. There are three house members running for the seat, she noted. Director Botello asked about the possibility of Ms. Butler running, and Ms. White guessed that she may announce a run in a few weeks.

Agenda Item 4. Future Business. None.

Agenda Item 5. Adjournment

The meeting was adjourned by Chair Botello at 2:14 p.m.

APPROVAL CERTIFICATION

I hereby certify to approval of the foregoing Minutes of San Bernardino Valley Municipal Water District.

Secretary

Date _____

Respectfully submitted,

Lynda J. Kerney
Contract Assistant

**MINUTES
OF
THE
BOARD OF DIRECTORS WORKSHOP – RESOURCES/ENGINEERING
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT**

October 10, 2023

Directors Present: Gil J. Botello, T. Milford Harrison, June Hayes, and Paul R. Kielhold

Directors Absent: Susan Longville

Staff Present

Heather Dyer, MS, MBA – Chief Executive Officer/General Manager
 Joanna Gibson, MS – Executive Director Upper SAR Habitat Conservation Program
 Wen B. Huang, PE, MS – Assistant General Manager/Chief Operating Officer
 Jose Macedo, ML, CPT-P (USA Retired) – Chief of Staff/Clerk of the Board
 Michael Plinski, PE – Chief of Water Resources
 Bob Tincher, PE, MS – Chief of Statewide Water Initiatives/Deputy General Manager
 Melissa Zoba, MBA, MPA – Chief Information Officer

Leo Ferrando, PE – Assistant Chief Engineer
 Anthony Flordelis – Business Systems Analyst
 Chris Jones, MESM – Preserve System Program Manager
 Kelly Malloy, MPA – Strategic Communications Manager
 Matthew Olivo – Senior Accountant
 Kai Palenscar, Ph.D. – Environmental Compliance and Permitting Program Manager
 Karen Resendez, MAOL – Human Resources & Risk Manager

Members of the Public in Attendance:

Susan Longville
 James Morales, East Valley Water District
 Michael Moore, East Valley Water District
 Lance Eckhart, San Gorgonio Pass Water Agency
 Melody McDonald, San Bernardino Valley Water Conservation District
 Miguel Guerrero, San Bernardino Municipal Water Department
 Dr. Helen Regan, University of California, Riverside
 Dr. Kurt Anderson, University of California, Riverside
 Gary Qin, University of California, Riverside
 Emmett Campbell, San Gorgonio Pass Water Agency

The Resources/Engineering Workshop of the Board of Directors was called to order by Chairperson June Hayes at 2:00 p.m. A quorum was noted present.

Agenda Item 1. Introductions. All attendees introduced themselves.

Agenda Item 2. Public Comment. None.

Agenda Item 3. Presentation.

3.1) Presentation on Santa Ana River Freshwater Health Index. Environmental Compliance and Permitting Program Manager Kai Palenscar introduced Gary Qin, fourth year Ph.D. candidate, University of California, Riverside who made a presentation on his dissertation, entitled “Evaluating Ecological Sustainability and Governance in the Santa Ana Watershed.”

Mr. Qin noted intense threat to freshwater biodiversity and advised that the amount of the world’s fresh water sustaining wildlife and human activities is estimated by the U.S. Geological Survey (USGS) to be around 2.5 percent. He discussed the effective conservation and management of water resources and explained the Freshwater Health Index (FHI) and collaboration with San Bernardino Valley Municipal Water District (SBV) in applying the FHI framework to the Santa Ana watershed to help with water conservation efforts.

In response to Director Botello, Mr. Qin explained the work is important and SBV can play a vital role, as this assessment is meant to be shared with the District’s customers and the public.

Director Botello noted the FHI “report card” would collect baseline data and asked about other rivers that had been indexed. Mr. Qin indicated this is the first application to this type of Mediterranean climate with the hope to apply the system repeatedly for continuing report cards and for different types of water contexts. Director Botello pointed out that this type of data analysis has not likely been done before.

Director Botello asked if there were lessons learned from why SBV was not awarded a grant for this project. Dr. Helen Regan, Professor at the University of California, Riverside noted the favored grants appeared to be with larger, more community-involved projects. She suggested a larger consortium of team members and a better effort to sell the project if there is another round of grants.

2:25 p.m. – Director Harrison joined the meeting in person.

Chair Hayes called Item 4.2 out of order.

4.2) Status Update on the Bunker Hill Basin Regional Recycled Water Coalition.

Assistant Chief Engineer Leo Ferrando provided background on the regional recycled water system. The Boards of Directors of SBV and partner agencies (San Bernardino Municipal Water Department, City of Redlands, and East Valley Water District [EVWD]) approved a cost-sharing agreement and a Memorandum of Understanding (MOU) in February and March 2023 which included a future feasibility study with conceptual design, alternative mitigation strategies, and cost-benefit analyses. The agreement established a

steering committee and set a \$500,000 budget for services, and set an equal cost share at 25 percent between the four parties, Mr. Ferrando explained. A \$247,000 Bureau of Reclamation (BOR) grant was obtained, reducing SBV's share of actual costs to \$43,522.

The Steering Committee released a Request for Proposals (RFP) in April and received three proposals at the end of May, Mr. Ferrando reported. The Steering Committee determined that Water Systems Consulting (WSC), teamed with Trussel Technologies was the most qualified and best proposal with a cost estimate of \$304,731 and a project schedule of 18 months.

Mr. Ferrando reviewed the Scope of Work for the Feasibility Study, which will identify alternative salt mitigation strategies. He detailed the example of expanded recharge through low TDS water using a regional desalter at the Sterling Natural Resources Center (SNRC) or at San Bernardino Municipal Water Department's Tertiary Treatment Center, combined with other strategies to be determined. The Feasibility Study may also look at strategies including optimizing chemical use within the existing treatment plants, reduced TDS discharges through other collection systems, or continued expanded recharge of low TDS water upstream, he said.

The MOU provides for shared costs based on the different discharges from each recycled water producer, Mr. Ferrando explained. The estimated discharges may change in the future, he noted.

Director Botello emphasized there are unknowns and asked about potential costs of a desalter. Assistant General Manager/Chief Operating Officer Wen Huang said the project participants would not come online at the same time, and those factors will be taken into consideration in the cost share. The coalition and the Steering Committee discussed the cost share with WSC, and it will depend on the size and flow being treated, and where it is located, Mr. Ferrando indicated. The cost range estimate for the desalter was between \$60 and \$100 million.

President Kielhold asked about the timeline, and Mr. Huang explained the phased approach, with agencies ramping up their gpd. The cost share calculation is then based on the estimates for a particular year when all are at 100 percent, he noted.

Mr. Ferrando presented an amendment to the MOU which addresses updated principles regarding how the project will operate, and defines some responsibilities for the coalition administrator and the Steering Committee. The amendment clearly states that SBV will continue to be the administering agency and will not directly bring capital investment toward a future potential desalter but will continue to facilitate and redirect Local Resource Investment Program (LRIP) payments as requested by each of the parties, Mr. Ferrando explained. Director Botello noted this will be contingent on the partners agreeing to contribute their LRIP to the process, and Mr. Huang confirmed.

Director Botello noted SBV is the regional leader on the project, and said he is glad it is clear that with a total cost of \$100 million, the cost is the responsibility of the partners.

Director Harrison posited that SBV's contribution seems to be the huge amount being spent to bring more clean water into the basin, which will be mixed with the effluent to lower the requirement of the operational aspects of the desalter. Mr. Ferrando concurred.

Chair Hayes noted that SBV initiated the project and the other agencies would then build the projects needed without SBV participating in construction costs. Mr. Ferrando explained that the amendment includes SBV's administrator responsibilities throughout the process, and all four parties will be involved the whole time. Mr. Huang added that SBV would not participate in operations and maintenance costs.

In response to Director Botello, Mr. Ferrando confirmed as part of the amendment, SBV would assist in seeking grant funding for the projects. Mr. Huang clarified the \$247,000 grant received only funded the planning effort, and it is the intent of the coalition that SBV will continue to explore grant opportunities for design and construction.

In response to a question from President Kielhold about the facilitator designation, Mr. Ferrando and Mr. Huang detailed SBV's tasks. President Kielhold pointed out a facilitator and an administrator are not necessarily the same thing; there appears to be two roles for SBV. It is the intention to be both, Mr. Huang confirmed.

Director Botello emphasized the importance of clarity, and pointed out there are a lot of projects on the table where agencies would like to partner with SBV.

President Kielhold commented on the challenge of administration when members of the coalition are not present and collaborating. Mr. Huang noted the MOU provides that all decisions must be unanimous and said the amendments and cost share will be taken to all agencies' governing boards for approval.

This cannot move forward without the agreement, support, engagement, and buy-in of all four agencies, Ms. Dyer noted. She expressed appreciation for the leadership of Mr. Guerrero in moving the process forward to a regional solution. A regional salt mitigation strategy only works if multiple parties are working toward it, she stated. SBV understands it is the facilitator / convener / administrator for, at the very least, regional grants; but in moving forward, it makes sense for the regional wholesale agency to be present within the coalition and presenting these ideas on a regional basis. If other agencies would like to partner in the future, that would be good as well, she added.

Ms. Dyer assured the Board that staff has heard their concerns regarding agreements on past projects. With this amendment, staff makes clear SBV's role, and that SBV will not to pay for a regional desalter. She pointed to other ways for SBV to participate, such as the redirection of the LRIP funds and potential for a new turnout for State Project Water into Weaver Basins as part of the regional salt mitigation strategy.

EVWD General Manager/CEO Michael Moore told the Board his agency had been collaborating with the coalition partners on the amendment and would take it to their Board

in the next couple of weeks. He noted the City of Redlands general manager was on vacation and was unable to attend this meeting.

Mr. Ferrando noted SBV's support for recycled water had included almost \$70 million in construction for the facilities including the pipeline and Weaver Basins, \$61 million in commitments of LRIP payments over 20 years, and \$156 million in construction of stormwater capture projects.

The cost-share amendment would include the final scope of work and final budget for the feasibility study, which was anticipated in the original agreement, to be shared at 25 percent each, Mr. Ferrando explained.

Mr. Ferrando presented the next steps in the project. Discussion has begun with EVWD for development of a joint use agreement for the regional recycled water system with anticipated discharges beginning in December 2023, he reported.

Director Botello asked if SBV has the staff to maintain the facility. Mr. Huang indicated the plan is to maintain the Basins with SBV staff and reminded about the request for procurement of heavy equipment in this year's budget, noting that some purchases have already been made and equipment has arrived.

Chair Hayes discussed the problem of Total Dissolved Solids (TDS) in the region and stated concern about the Feasibility Study, the proposed location of the plant, and the ability of all agencies' facilities to participate. Mr. Huang advised that the MOU states the Salt Nutrient Management Plan (SNMP) is on a parallel track and explained that the Feasibility Study must be done now, as the Regional Water Quality Control Board would not issue a permit until there is a commitment on salt mitigation from the wastewater dischargers. If the Regional Board approves the SNMP, that will provide the pathway forward, he explained, but if that doesn't work, the Regional Board can fall back on the regional approach to the desalter.

Chair Hayes acknowledged the timeliness with the SNRC ready to come online and reiterated her concern with the location of the Bunker Hill Basin facility and the potential for pumping salty water upstream. Mr. Huang explained the approach is based on the objectives set forth by the Regional Board for different parts of the Basin. Mr. Guerrero noted what is done upstream helps the Basin. Director Botello pointed out that ultimately this project is about permitting. Chief of Water Resources Michael Plinski explained this location is key to protection of Bunker Hill B and the source water for nearby cities. Regional salt management may take a couple of desalters, he advised.

Director Harrison moved to place the amendments to the Memorandum of Understanding (MOU) and Cost Share Agreement for the Coalition on a future Board of Directors' meeting agenda. He accepted an amendment by President Kielhold to table the item until such time as the other parties have signed the amendments.

The Board directed staff to place the amendments to the Memorandum of Understanding (MOU) and Cost Share Agreement for the Coalition on a future Board of Directors' meeting for consideration after the other parties have signed on by the following roll-call vote:

MOVED: Harrison	SECONDED: Botello	APPROVED: 4-0
AYES:	Botello, Hayes, Harrison, Kielhold	
NOES:	None	
ABSTAIN:	None	
ABSENT:	Longville	

Agenda Item 4. Discussion And Possible Action Items.

4.1) Proposed Governance Approach for the Proposed Sites Reservoir Project.

Chief of Statewide Water Initiatives/Deputy General Manager Bob Tincher provided a brief background and explained the need for the Sites Reservoir Project. This wet year will not erase the past 25 years, and the San Bernardino Basin is about 800,000 acre-feet (af) below full, he stated. He said he expects the Basin will come up 200,000 af or more. Sites Reservoir will help provide the supplemental water supply needed due to the downward trend, he advised. Sites Reservoir fits the stated mission of the District and supports the goal to recover lost supply reliability from the State Water Project (SWP).

Based on regulatory constraints, SBV's return on investment in the SWP has declined over the last 30 years, Mr. Tincher explained. Sites will help restore that investment and remove some uncertainty, providing 133,000 af of storage, adding 14,000 af per year.

Mr. Tincher reviewed the background of Sites Reservoir and the formation of the Joint Powers Authority (JPA) by local agencies. The Reservoir volume is 1.5 million af, he explained, and noted that the largest investors are Metropolitan Water District and the State of California. San Bernardino Valley is the third largest investor. So far, SBV has paid a total of almost \$9 million toward the almost \$14 million commitment to the planning and permitting phase, with a total investment of around \$400 million. Once the design and construction phase begins, SBV will begin writing larger checks, he advised. Before that phase, in place will be environmental permits, water right, updated cost estimate (with increase), and governance agreements.

Mr. Tincher said the intention is to retain the governance structure set up by the Legislature, which maintains local control. He explained the two Board approach and responsibilities of each. He reviewed the content of the agreements for Sites governance.

Director Botello asked about escalating costs and any recent estimates. Mr. Tincher pointed to the high inflation experienced by every potential water supply and indicated that updated estimates will be provided to the Board. The staff believes there has been optimization for the project which will shorten the schedule and translate into some cost savings.

Mr. Tincher described the proposed weighted voting procedures and noted that so far, all votes have been unanimous.

In response to a question from Director Harrison, Mr. Tincher explained the investment of the State of California in Sites to provide cold water for salmon. Healthy salmon benefits the entire state, he noted.

Staff and a special legal team have been reviewing the Benefits and Obligations contract and providing comments, Mr. Tincher advised. He listed other documents in progress, with the intent to bring all back to the Board in a workshop with the San Geronio Pass Water Agency.

Director Botello asked about the potential for an ad hoc committee on the Sites project. Mr. Tincher indicated support.

In response to a question from President Kielhold, Mr. Tincher stated there is no intent for Sites to be folded into the State system; the JPA of public agencies will be the owner.

Agenda Item 4. Future Business. None.

Agenda Item 5. Adjournment

The meeting was adjourned by Chair Hayes at 3:47 p.m.

<p>APPROVAL CERTIFICATION</p> <p>I hereby certify to approval of the foregoing Minutes of San Bernardino Valley Municipal Water District.</p> <p>_____</p> <p>Secretary</p> <p>Date _____</p>
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Respectfully submitted,

Lynda J. Kerney
Contract Assistant

**MINUTES
OF
THE
REGULAR BOARD MEETING
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT**

October 17, 2023

Directors Present: Gil J. Botello, T. Milford Harrison, June Hayes, Paul R. Kielhold, and Susan Longville

Directors Absent: None

Staff Present:

Heather Dyer, MS, MBA – Chief Executive Officer/General Manager
 Joanna Gibson, MS – Executive Director Upper SAR Habitat Conservation Program
 Wen B. Huang, PE, MS – Assistant General Manager/Chief Operating Officer
 Jose Macedo, ML, CPT-P (USA Retired) – Chief of Staff/Clerk of the Board
 Cindy Saks, CPA – Chief Financial Officer/Deputy General Manager
 Bob Tincher, PE, MS – Chief of Statewide Water Initiatives/Deputy General Manager

Leo Ferrando, PE – Assistant Chief Engineer
 Anthony Flordelis – Business Systems Analyst
 Chris Jones, MESM – Preserve System Program Manager
 Kelly Malloy, MPA – Strategic Communications Manager
 Adekunle Ojo, MPA – Water Resources Manager
 Karen Resendez, MAOL – Human Resources & Risk Manager

Scott Heil, Varner & Brandt, District Legal Counsel

Members of the Public in Attendance:

Jennifer Ares, Yucaipa Valley Water District
 John Longville, San Bernardino Valley Water Conservation District
 Melody McDonald, San Bernardino Valley Water Conservation District
 Kevin Walton, San Gorgonio Pass Water Agency
 Ben Kelly, Western Heights Mutual Water Company
 Josh Swift, Fontana Water Company
 David Ruhl, Santa Ana Watershed Project Authority
 Jeff Mosher, Santa Ana Watershed Project Authority
 Joe Byrne, Best Best & Krieger

The regular meeting of the Board of Directors was called to order by President Kielhold at 2:00 p.m. Director Botello led the Pledge of Allegiance. A quorum was noted present by roll call.

Agenda Item 1. Public Comment

President Kielhold stated that any member of the public wishing to make any comments to the Board regarding non-agenda items may do so. There were none.

Agenda Item 2. Consent Calendar.

2.1) Approve Minutes of the Board of Directors Workshop - Handbook September 26, 2023

2.2) Approve Minutes of the Regular Board of Directors Meeting - October 3, 2023

The Board of Directors approved the items on the Consent Calendar by the following roll-call vote:

MOVED: Harrison	SECONDED: Botello	APPROVED: 5-0
AYES:	Botello, Harrison, Hayes, Kielhold, Longville	
NOES:	None	
ABSTAIN:	None	
ABSENT:	None	

Agenda Item 3. Discussion and Possible Action Items.

3.1) 70th Anniversary Commemoration. Strategic Communications Manager Kelly Malloy described the opportunity to celebrate the District's 70th anniversary throughout 2024. She provided some history dating back to the formation of the District in 1954 and pointed out the projects and responsibilities of the District have evolved.

Ms. Malloy reminded that a 70th anniversary logo was developed during the Strategic Planning process and noted the importance of branding and incorporation of the logo. She suggested the anniversary is an opportunity to highlight the District's mission, vision, and values, long term projects, and ongoing collaboration, as well as to educate the community on the District as an organization and its service.

Ms. Malloy detailed engagement opportunities including a commemorative dinner in February, incorporation of the anniversary logo into the Santa Ana River Science and Conservation Symposium, an educational series, a "fun run" 5K at the Sunrise Ranch, and a chamber of commerce speaking series.

Invited to the commemorative dinner in February would be elected officials, local retail water agencies, regional water agencies, community leaders, project partners, consultant partners and former and current employees, with the event to be held at the historic Mitten Building in Redlands, Ms. Malloy continued. The venue and catering contract would be a not-to-exceed \$32,000, she noted.

A San Bernardino Valley Foundation summit in March would be a two-day session, covering several different topics and a facilities tour, Ms. Malloy explained. With space limited, the Board of Directors would select the attendees, she noted. Summit participants would have priority to join the State Water Project tour in the spring.

To engage the community and highlight the Sunrise Ranch property, Ms. Malloy suggested a Fun Run and / or 5K. Educational, informational booths from the District and partners would be included, similar to the Trails Day event.

Education and engagement would continue, Ms. Malloy advised. Opportunities for the Board to be engaged was identified as a goal, she reminded. A chamber of commerce series would offer opportunity for Board members to give or be part of presentations on the District and water supply.

Community events and the Symposium are also touchpoints for clear messaging highlighting the District's history and direction, so the community understands the value of the District's work, Ms. Malloy stated.

In addition, a historical document is suggested, Ms. Malloy advised. This would highlight the mission, vision, and values along with infrastructure projects while celebrating the community and the people who have been involved throughout the decades.

The community would also be reminded of the District's accomplishments and the long-term process moving forward, Ms. Malloy said.

Vice President Hayes emphasized the opportunity to network and explain the District's functions at the Fun Run. She suggested including Girls on the Run, and potentially identifying a non-water related charity to participate in order to get more people involved.

Director Botello concurred with the desire of Vice President Hayes to attract more ratepayers to events and expressed support for the concept of multiple events over the year. He pointed to the historical fight to become a State Water Contractor and suggested a lapel pin with the 70th anniversary logo. He emphasized the inclusion of the Sunrise Ranch purchase in the historical document and suggested a fact sheet outlining the significant accomplishments of the District.

In response to a question from Director Botello, staff assured that a ten percent contingency had been considered in the event budget.

Director Longville asked about the budget. CEO / General Manager Heather Dyer indicated that the \$70,000 approved budget for the commemorative dinner was separate from the \$85,000 for all other community events.

Director Longville noted these are important opportunities to reach out to people in the service area, including disadvantaged communities, to highlight the District's commitment to diversity, inclusion, and equity. She suggested giveaways of rain barrels.

Vice President Hayes recalled an engaging District tour done by Chief of Statewide Water Initiatives/Deputy General Manager Bob Tincher and suggested it could be used. She also noted that existing PowerPoint presentations are available on topics such as District financing and the ad valorem tax, and water basics which can be used for the chamber of commerce events and others.

Director Harrison indicated the plans are admirable and will go a long way toward representing the organization and educating the public. There are exciting things ahead, also, he added.

Ms. Dyer shared her vision for the proposed summit and tour, and series of events, to provide a deeper understanding of the District. She said she believed it would be very well received and would be something to continue in the future.

President Kielhold emphasized there are two focuses: the anniversary celebration and outreach, both of which are important, and this is an excellent time to do both.

Ms. Dyer explained the staff recommendation and assured the Board if there were any expenses over her signing authority of \$25,000, they would come back to the Board. Otherwise, everything is expected to fit within the total category budget, she said.

The Board of Directors authorized the CEO/General Manager to execute and agreement with the Mitten Building in an amount not to exceed \$32,000 by the following roll-call vote:

MOVED: Botello	SECONDED: Hayes	APPROVED: 5-0
AYES:	Botello, Harrison, Hayes, Kielhold, Longville	
NOES:	None	
ABSTAIN:	None	
ABSENT:	None	

3.2) Consider Approval for Construction Expenditures on Inland Empire Brine Line - Agua Mansa Lateral Project. CEO / General Manager Heather Dyer welcomed the staff of the Santa Ana Watershed Project Authority (SAWPA).

SAWPA Executive Manager of Engineering and Operations David Ruhl discussed the 4,500-ft pipeline, the Agua Mansa Lateral, which connects to the Rialto Bioenergy Facility (RBF) existing lateral. He described the concerns with the current siphon system to which RBF discharges, and the collaborative, cost-sharing effort between SAWPA, San Bernardino Valley (SBV), and RBF to construct the Agua Mansa Lateral to the Inland Empire Brine Line. Of construction costs, RBF would pay 82 percent (guaranteed by its parent company, Anaergia), SAWPA 4.5 percent, and SBV 13.5 percent, he advised, and design costs would be shared between SAWPA (25 percent) and SBV (75 percent).

If future dischargers were to connect to the Lateral, SAWPA would charge a connection fee which would be shared with SBV in the same proportion as was paid for the Lateral, Mr. Ruhl explained. The Lateral is located in an industrial-zoned area, provides operational flexibility, helps avoid maintenance costs, and increases reliability, he noted.

Dudek was hired to produce the plans and specifications and the project was bid as an 8-inch (serving current needs with some excess capacity) and a 12-inch (larger capacity for future growth) Lateral. The SAWPA PA 24 Committee recommended accepting the lowest responsive, responsible bid from Genesis Construction, and moving forward with the 12-inch line, as for an additional \$300,000, the capacity was doubled, Mr. Ruhl explained.

The total cost for project construction and design is \$2.5 million, Mr. Ruhl continued. RBF's cost is \$1.6 million, which was based on 82 percent of the cost of the 8-inch pipeline bid. SBV's 13.5 percent cost share along with design costs totals \$672,860. SAWPA would bear the annual operations and maintenance costs of approximately \$11,000 per year, he noted.

Mr. Ruhl advised RBF filed for Chapter 11 bankruptcy on May 25 but expressed strong desire to continue to operate their facility and build the Lateral. SAWPA retained special counsel. In July, SAWPA received the second installment (\$260,000) on the cost share arrangement from RBF, he stated, for a total of \$520,000 paid toward their \$1.6 million share.

Construction-related activities began in September, and the project is expected to be completed in mid-March 2024, Mr. Ruhl noted.

Mr. Ruhl discussed the Brine Line Master Plan to manage and implement the growth and expansion of the valuable Line to serve member agencies. The Line is valued at almost \$400 million. Every additional million gallons per day (mgd) of capacity must be purchased from Orange County Sanitation District at a current cost of \$7.5 million. The Master Plan allows SAWPA to make informed decisions, and promote economic development through the ability to use the Brine Line. Staff is meeting with member agencies to identify potential brine management needs and is looking at updating and calibrating the hydraulic model to assure the needs of dischargers can be met.

Staff is also looking at multi-use benefits such as in-line hydroelectric sources of energy, policy considerations, existing and future facilities, and managing capacity.

Director Botello indicated he has served on the PA 24 Committee for three years and thanked Mr. Ruhl for the consistent transparency and great information. He said he was glad the Board had the vision to support the 12-inch Lateral.

Vice President Hayes asked if Anaergia was currently functioning. Mr. Ruhl said they were, and last month, discharged an average of about 40,000 gallons per day (gpd). Vice

President Hayes pointed out there had been previous business failures on that property and expressed concern about the bankruptcy. Mr. Ruhl indicated that with an RBF bankruptcy, Anaergia would still exist and is the guarantor.

Mr. Ruhl assured Vice President Hayes there would be enough discharge capacity for SBV if needed.

Vice President Hayes expressed discomfort with times when SBV is not the lead agency on a project. She said she understood it would be too late for Genesis to provide a Guaranteed Maximum Price and asked if there was any way to work on a plan to control costs. She requested the team do their best to minimize change orders. Mr. Ruhl assured that due diligence had been done, but advised there is always potential for change orders, especially with underground work. He commented on the design process and said that Falcon Engineering has been hired to provide construction management. Assistant Chief Engineer Leo Ferrando added this is a traditional design-bid-build project.

Director Longville asked about the benefits and role of the Lateral to the Recycled Water Coalition and the needed desalters, and whether any other new laterals were anticipated. Mr. Ruhl said that as part of the Master Plan, they had met with dischargers. This Lateral would not be pertinent to the Coalition but if there was need and opportunity to have a new lateral for that project, there is capacity available, he said.

Director Harrison noted the PA 24 Committee, with special counsel, looked carefully at the bankruptcy situation. He assured the Board that Anaergia is a very strong, large corporation and the Committee felt comfortable in moving ahead when RBF made their second payment. He noted the 12-inch line will provide opportunity for growth in the area by other users - other industries dispose of salty wastewater, he noted.

President Kielhold asked District Counsel Scott Heil if he had reviewed the guarantee, and Mr. Heil said he had; the guarantee is part of the contract with RBF. Director Botello added the PA Committee hired a bankruptcy attorney and called a special meeting to stay on top of the issue and remain in constant communication, assuring the RBF payment was made and to ensure subsequent payments.

The Board of Directors approved construction expenditures in the amount of \$740,000 for the Inland Empire Brine Line Agua Mansa Lateral project by the following roll-call vote:

MOVED: Harrison	SECONDED: Botello	APPROVED: 5-0
AYES:	Botello, Harrison, Hayes, Kielhold, Longville	
NOES:	None	
ABSTAIN:	None	
ABSENT:	None	

Agenda Item 4. Reports (Discussion and Possible Action Items).

4.1) CEO / General Manager's Report. Chief Executive Officer / General Manager Heather Dyer highlighted the following:

- Presentations were made to these groups:
 - the Inland Action local business interests group
 - Redlands Municipal Utilities and Public Works Committee
 - ESRI IMGIS keynote on digital transformation
- Mr. Ferrando gave a presentation on capital projects to the Inland Empire Construction Network
- Ms. Malloy gave a presentation to the National Waterways Conference
- Two vans of Metropolitan Water District employees toured the Enhanced Recharge Project and Seven Oaks Dam, and Citrus Reservoir
- A presentation on the Santa Ana River Enhanced Recharge Project Phase 1B will be given to the Board on November 7
- The Forecast Informed Reservoir Operations (FIRO) process continues to go well, and environmental groups participated in a workshop
- The second Sunrise Ranch Master Plan workshop will be held on October 18th
- The Cal State San Bernardino Watershed resiliency fellowship process had a great, diverse turnout of candidates
- New intern Kiera Eckhart will support the environmental and communications teams

4.2) Directors' Report of Activities and Travel Requests in accordance with Resolution 1100

Director Botello reported that he attended:

- October 4 – San Bernardino City Council Meeting
- October 14 – Louis Robidoux Parkland Family Fall Festival

Director Harrison reported that he attended:

- October 4 – Loma Linda Chamber of Commerce Meeting
- October 6 – FIRO Conference

- October 11 – Meeting with Chief Financial Officer/Deputy General Manager Cindy Saks, Heather Dyer and an East Valley Water District Board Member
- October 12 – Orange County Sanitation District facilities visit
- October 13 – Detailed tour of San Bernardino Valley’s 1,656-acre Sunrise Ranch
- October 16 – Association of Special Districts Board Meeting

Director Hayes reported that she attended:

- October 5 – West Valley Water District Board meeting
- October 6 – Orange County Water Advisory Committee
- October 7 – Rialto Walk Like MADD event
- October 11 – San Bernardino Valley Water Conservation District meeting
- October 13 – Orange County Water Summit

Director Longville reported that she attended:

- October 4 – State Water Resources Control Board rulemaking hearing
- October 10 – San Bernardino Valley’s meeting on the Bunker Hill Regional Recycled Water Concept

Director Kielhold reported that he attended:

- October 11 – San Bernardino Valley Water Conservation District meeting
- October 11 – East Valley Water District Board meeting

President Kielhold announced the establishment and appointment of members of two ad hoc committees:

- State Water Project ad hoc – Harrison and Hayes
- Cost of Service Study ad hoc – Longville and Kielhold

4.3) General Counsel Report. No report.

4.4) SAWPA Meeting Report. Director Harrison gave the report.

- Directed the General Manager to file a Notice of Exemption for the Landscaping Refresh and Irrigation Replacement Project with the Riverside County Clerk’s Office, and
- Directed the General Manager to issue a Notice Inviting Bids, upon completion of the Final Plans and Specifications, for the Construction of the Landscaping Refresh and Irrigation Replacement Project.

4.5) Water Delivery Report. Water Resources Manager Adekunle Ojo presented the report. In September 2023, 7,816 acre-feet of imported water was delivered to the District

and direct deliveries of approximately 2,900 acre-feet were made. Due to the wet weather, demand has been lower than expected this year, and recharge has been maximized for a total to date this year of 23,847 acre-feet.

Vice President Hayes noted there are water quality issues in the Rialto-Colton Basin and the Riverside North Basin. She asked if recharge would be possible there to facilitate dilution. Assistant General Manager/Chief Operating Officer Wen Huang advised of discussions with Western Municipal Water District to form a groundwater council to discuss sustainability and recharge in the future. It may take time, but recharge with high quality State Project Water into the Basin will help the situation, he said.

Director Botello noted the State Water Project allocation would be based on the abundance of water currently in the reservoirs. Mr. Ojo said the initial allocation is based on storage conditions in November – December. The final allocation in April or May of the following year factors in the runoff. Director Botello posited that although there is a strong El Nino, because of climate change, the prediction is there will not be a lot of precipitation. Mr. Ojo said that despite the advances in atmospheric science and research, there is still a lot of uncertainty.

4.6) Treasurer's Report. Director Harrison presented the report.

The Board approved the following expenses for the month of September 2023: State Water Contract Fund \$19,356,643.00 and General Fund \$7,481,704.14 by the following roll-call vote:

MOVED: Harrison	SECONDED: Botello	APPROVED: 5-0
AYES:	Botello, Harrison, Hayes, Kielhold, Longville	
NOES:	None	
ABSTAIN:	None	
ABSENT:	None	

Agenda Item 5. Future Business.

- Director Harrison will not attend the Policy Workshop on November 2 in person.
- CEO / General Manager Dyer indicated there may not be internet service available for her and Directors Harrison and Longville to attend the November 7 Regular Meeting remotely. The agenda will be planned accordingly.
- Director Harrison indicated there may not be a SAWPA meeting or PA 24 meeting on November 7.
- Vice President Hayes requested a more formal and comprehensive list of available activities.

Agenda Item 6. Announcements.

6.1) List of Announcements. Chief of Staff/Clerk of the Board Jose Macedo presented the list of announcements.

Agenda Item 7. Closed Session. District Counsel Scott Heil introduced the Closed Session item. President Kielhold adjourned the meeting to Closed Session at 3:30 p.m.

7.1) Conference with Legal Counsel - Existing Litigation

Paragraph (1) of subdivision (d) of Section 54956.9

Name of case: Sierra Club v. California Department of Water Resources, Sacramento Superior Court Case No. 34-2020-80003517.

President Kielhold returned the meeting to Open Session at 4:19 p.m. District Counsel Scott Heil stated the Board consulted with counsel and gave direction. There was no reportable action taken in the closed session.

Agenda Item 8. Adjournment. The meeting was adjourned by President Kielhold at 4:19 p.m.

<p>APPROVAL CERTIFICATION</p> <p>I hereby certify to approval of the foregoing Minutes of San Bernardino Valley Municipal Water District.</p> <p>_____</p> <p>Secretary</p> <p>Date _____</p>
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Respectfully submitted,

Lynda J. Kerney
Contract Assistant

RESOLUTION NO. 1053

**RESOLUTION OF THE BOARD OF DIRECTORS OF
THE SAN BERNARDINO VALLEY MUNICIPAL
WATER DISTRICT RECOGNIZING THE NATION'S
VETERANS ON VETERANS DAY**

WHEREAS, San Bernardino Valley Municipal Water District would like to recognize and thank all veterans both locally and nationally for their service; and

WHEREAS, the armistice ending World War I was signed on November 11, 1918. The end of the first global conflict was initially commemorated as Armistice Day. In 1954, the congress renamed the day as Veterans Day to recognize all those who have served in our Armed Forces; and

WHEREAS, our nations veterans have served and protected the United States making sacrifices big and small to ensure the freedom of our great nation; and

WHEREAS, on this Veterans Day we celebrate and honor the patriots who have fought to protect the democratic ideals that are the foundation of our county; and

NOW, THEREFORE, BE IT RESOLVED, by the Board of Directors of the San Bernardino Valley Municipal Water District that the Board does hereby recognize and remember the Nation's Veterans on November 11 of each year.

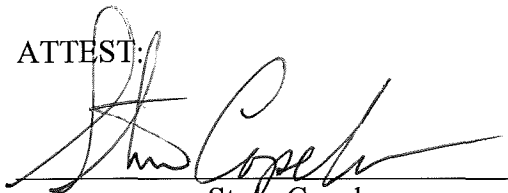
ADOPTED this 16th of May, 2017.

San Bernardino Valley
Municipal Water District

By: 

Susan Longville
President

ATTEST:



Steve Copelan
Secretary

DATE: November 7, 2023
TO: Board of Directors
FROM: Mike Esquer, Senior Project Manager
SUBJECT: Project Status Update for the Enhanced Recharge Phase 1B Project

Staff Recommendation

Informational item for receive and file. Staff is providing the Board of Directors (BOD) with an update on the status of the construction of the Enhanced Recharge - Phase 1B Project.

Summary

On March 7, 2023, the BOD awarded the construction project to Bogh Engineering for \$51,380,900. Following the BOD's award of the construction contract, Valley staff provided Bogh Engineering with the Notice to Proceed on March 20, 2023. This project is currently under construction and is estimated to be completed by September 2025. During this meeting, staff will provide a more detailed presentation on the status of the project construction.

Background

The following summarizes the Enhanced Recharge in the Santa Ana River Basins (SARER) Phase 1B Project (Project). This Project along with Phase 1A will facilitate the capturing and recharge of Santa Ana River water diverted by San Bernardino Valley (Valley) and Western Municipal Water District (WMWD) under the Water Rights Permits 21264 and 21265. The Permits were granted in 2010. When the Project is complete, it will accommodate the diversion of up to 500 cubic feet per second (cfs) and recharge up to 78,500 acre-feet in a single year.

The Preliminary Design Report (PDR) for the Enhanced Recharge Project was started in 2010 and completed in 2011. In general, the entire Enhanced Recharge Project was broken into various phases due to mainly the timing and permitting strategies for each phase, including Phase 1A, which consists of the improvements to the San Bernardino Valley Water Conservation District's canal, construction of the sedimentation basin and pipelines connecting to the Foothill Pipeline, Phase 1B, which consists of construction of new canals and recharge basins, and Phase 1C, which consists of improvements to the Intake Structure and construction of debris removal equipment.

Upon completion of the Phase 1A construction in 2018, the Board awarded the design and project management to Butier Engineering for Phase 1B. Including the scope enhancements that were approved by the Board in 2020, the total budget for Butier Engineering's contract is \$4,241,076, of which approximately \$1,200,000 was remaining when the design was completed. Due to the levels of coordination and attention needed during construction, management efficiency, and District staff availability, rather than continuing Butier Engineering's service, District staff has since taken over the construction management aspect of work. Additionally, the Board also awarded a contract for obtaining compliance with the California Environmental Quality Act (CEQA) to ELMT for \$95,645 in 2020 for the Project.

After the Project was advertised for bids and the subsequent bid opening, at the March 7, 2023, BOD meeting, Bogh Engineering was awarded the construction project for \$51,380,900. Furthermore, the Board also approved budgetary funds for a 10% contingency along with \$3.5M for special inspection, field engineering, and biological monitoring. The Project costs will be apportioned using the "Watermaster split," with the Western entities paying approximately 28% and Valley paying approximately 72%.

Engineering staff will provide further construction activities, photos, and expenditures to date in a detailed presentation to the Board at the Workshop.

District Strategic Plan Application

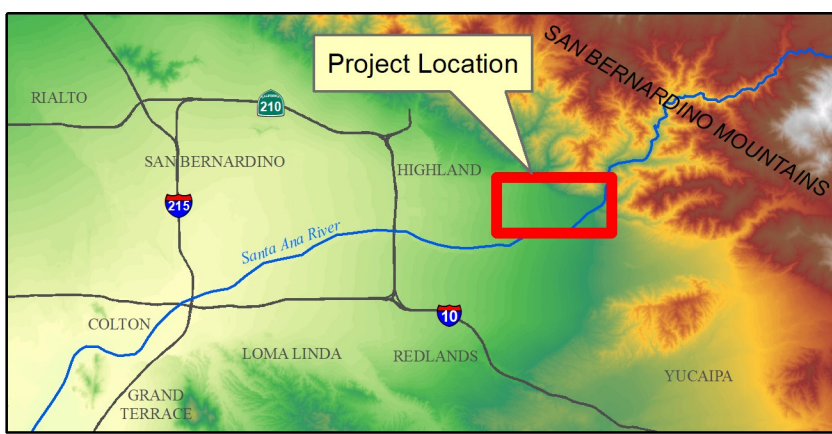
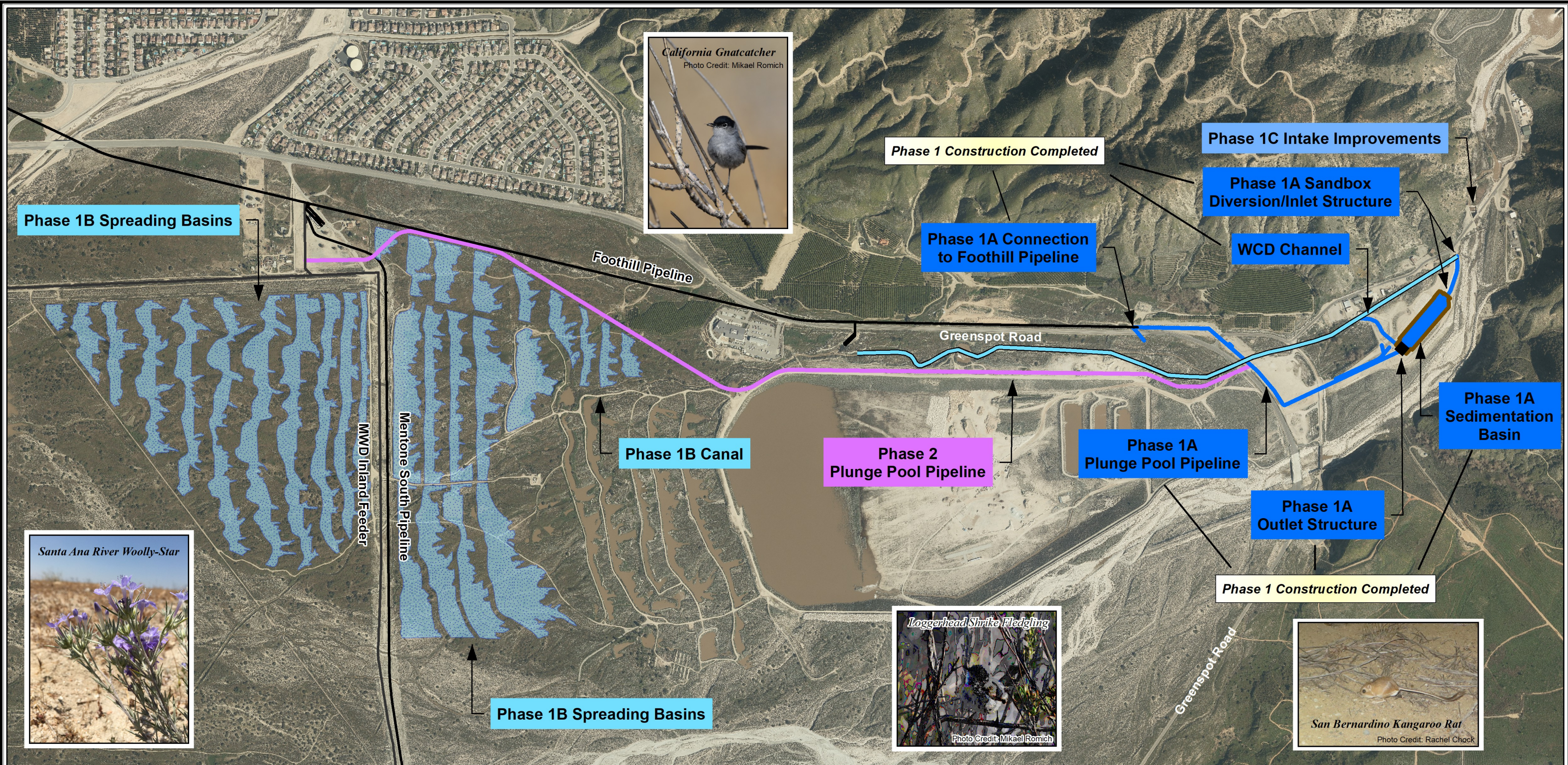
The Project demonstrates the District's mission, vision, values, and strategies of working collaboratively to provide reliable and sustainable water supply for the region, being innovative and driven, building trust by being a collaborative and resourceful partner, and maximizing the value of the region's water assets.

Fiscal Impact

A portion of the estimated construction costs was included in the FY23/24 General Fund budget approved by the Board of Directors in anticipation of the construction activities during this fiscal year. Staff will include the remaining portions of the costs in the future FY24/25 and FY 25/26 General Fund budgets for consideration by the BOD. The Project costs will be apportioned using the "Watermaster split," with WMWD paying approximately 28% and Valley paying approximately 72%. Additionally, the Project cost is included in and financed through the WIFIA Program.

Attachment

Exhibit for the Enhanced Recharge Project, Phases 1A, 1B, and 1C



Facilities of Enhanced Stormwater Capture and Recharge Along the Santa Ana River Project



Aerial Photography Date: March, 2019
Source: SBVMWD, SBCO

Date: 8/28/2023



DATE: November 7, 2023
TO: Board of Directors
FROM: Bob Tincher, Chief of State Water Initiatives/Deputy General Manager
SUBJECT: State Water Project Report

Staff Recommendation

Receive and file

Summary

This report provides an update on the State Water Project and related topics.

Background

1. State Water Project

- a. During the previous State Water Project Report, staff was asked why the State Water Contractors are not participating in the proposed storage increase at San Luis Reservoir (San Luis). San Luis is owned by the Bureau of Reclamation (BOR), the owner and operator of the Central Valley Project (CVP). The CVP is a parallel project to the State Water Project (SWP) that serves primarily agricultural customers. The SWP owns half of the current capacity in San Luis, or one million acre-feet. The BOR is proposing to raise the dam at San Luis by 10 feet which will create an additional 130,000 acre-feet of storage. Investment in this additional water was offered to the CVP contractors and is fully subscribed. The SWP has expressed interest in purchasing some of the new storage, if the opportunity becomes available. Even if the SWP is not able to purchase some of the additional capacity, the SWP may still get to utilize some of the additional capacity on a temporary basis, whenever it is not needed by the CVP.
- b. The Department of Water Resources (DWR) executed a cost-share agreement with the BOR for the Sisk Dam seismic enhancements which will save the State Water Contractors about \$500 million.
- c. Due to changed hydrologic conditions, DWR is no longer expecting that San Luis Reservoir will be full at the end of the calendar year. Staff will continue to track

this and provide the Board with updates.

- d. At the beginning of this year, the Board approved an unbalanced exchange agreement with the Crestline-Lake Arrowhead Water Agency (CLAWA). Under the agreement, San Bernardino Valley agreed to provide one acre-foot to CLAWA for every two acre-feet provided by CLAWA, up to 3,000 AF. As a result of the extremely wet conditions this year, San Bernardino Valley was only able to take delivery of 902 AF under this agreement.
- e. The State Water Resources Control Board (State Board) has begun to consider a proposed update to the Bay-Delta Water Quality Control Plan. The State Board staff proposal is for 50% of all flow to be used for water quality, or flow to the ocean, called “unimpaired flow”. The alternative proposal, *Agreements to Support Healthy Rivers and Landscapes* (also known as Voluntary Agreements), supported by the State Water Contractors and others, is a collaborative, strategic approach which includes both water and habitat improvements. Staff will provide regular updates on this process.

2. Delta Conveyance

- a. Final Environmental Impact Report still on schedule for release in December.
- b. The project is currently evaluating various options for the next phase of work. Once an option has been selected it will be presented to the Board for consideration.
- c. A magnitude 4.2 earthquake struck the Delta on October 18, 2023 and generated news coverage about the possibility of a larger earthquake striking the Delta and its corresponding impact on the State’s water supply. The news coverage is available using this link,

<https://www.cbsnews.com/sanfrancisco/news/major-earthquake-in-the-delta-could-be-disastrous-for-californias-water-supply/>

DWR responded to the news with an article about how the Delta Conveyance Project would protect the State’s water supply from a major earthquake in the Delta,

<https://water.ca.gov/News/Blog/2023/July-23/How-Delta-Conveyance-Project-Makes-California-Water-Supply-More-Resilient>

- d. An excerpt from the Delta Conveyance Design & Construction Authority October 2023 Monthly Report is attached for your information.

3. Sites Reservoir

- a. A revised work plan and schedule has been developed to accommodate the water right process which is taking longer than originally anticipated. The revised workplan adds one year and will be completed by the end of 2025. There is no additional cost.
- b. Optimization of construction activities has reduced the construction schedule from 8 years to 7 years, with completion expected in 2032.
- c. The latest status report and planning and permitting schedule for the project is attached for your information.

District Strategic Plan Application

Supplemental water from the State Water Project helps San Bernardino Valley achieve its mission to work collaboratively to provide a reliable and sustainable water supply to support the changing needs of our region's people and environment.

Fiscal Impact

None

Attachments

1. Excerpt from Delta Conveyance Design & Construction Authority October 2023 Monthly Report
2. Sites Reservoir Project Monthly Status Report for September 2023

Section 1 | Work Performed (September 2023 Activities)

Program Management. The team continued program-wide support activities and implementation of the Program Management Information System.

- Continued processing invoices for FY22/23 and FY23/24
- Development of Funding Management in e-Builder
- Support vendors with invoice submission and contract amendment requests
- Support contract managers with financial forecasting and cashflow projections
- Continue development of master programmatic schedule
- Continue implementation and training of SOPs/Management Plans
- Submission of draft DCO Annual Report



Administration. The Administrative team continued to support functions including IT support, in-person and virtual meetings and social media content/updates

- Supported DCA Board of Directors and coordination of DCA events including preparation for remote Director participation for Board meetings per Brown Act requirements.
- DCA Website review and updates, pushed DCA updates via social media outlets, created reminders about resource materials
- Coordination of DCA Change Board meetings/actions
- Activities supporting the development, coordination and live support for Program Management Plans training sessions
- Continue FY23/24 contract management activities
- Logistical support for DCA alignment tours
- Planning and support of upcoming meetings and conferences

Engineering. The engineering team primarily focused on supporting the Department of Water Resources (DWR) Delta Conveyance Office (DCO) permitting efforts while also continuing to develop and progress engineering studies.

- Responded to requests for information (RFIs) from DCO environmental team regarding conceptual designs, geographic information systems (GIS) features, and/or quantities
- Continued providing support to DCO in reviewing and

responding to comments received on the Draft Environmental Impact Report (DEIR) during the public comment period Continued to support communications and outreach efforts, including developing new and updated graphics, planning and leading project alignment tours, and updating tour visualizations

- Began preparation of Engineering Project Report Update
- Continued review of existing Delta-wide subsurface information
- Continued to support DCA programmatic planning activities
- Continued to support engineering and estimating for DCO's potential community benefits projects

Field Work. The field work team continued efforts to collect data to support evaluation of Delta-wide subsurface conditions and validation of parameters assumed during development of conceptual designs.

- Concluded the Summer 2023 Investigation Program
- Coordinated with field teams to plan and schedule borings and cone penetration tests (CPTs), conduct environmental clearances, and review permitting requirements for the Fall 2023 Investigation Program
- Continued coordination of Temporary Entrance Permits (TEPs) and Court Ordered Entry (COE) documentation and required for the Fall 2023 Investigation Program
- Continued laboratory analysis of data gathered during Spring and Summer 2023 Investigation Program

Section 2 | Community Engagement: We're Connecting Everywhere

Connecting with the Community

- DCA coordinated project participation in the first townhall organized by the Delta Branch of the APAPA
- We are supporting water education by creating localized fact sheets surrounding the relevance of the SWP to each member agency
- Our geotargeted social media campaign continues to be successful, reaching over 50,000 Californians in SWP Areas



TOURS

The DCA hosted three tours in September which included participation from these agencies:

- The Delta Stewardship Council
- State & Federal Regulatory Agencies
- Class 8 PWA's
- Alameda County Water District



Closer Look Fact Sheets

- Intakes
- North Delta Traffic Management
- Launch Shafts
- Pile Driving
- Seismic Resiliency
- Bethany Complex- New
- Soil Testing



Social Media

- Total impressions: 76,724
- DCA Google Ad: 995 clicks
- Video Plays: 15,424



Closer Look Videos

- Intakes
- North Delta Traffic Management
- Launch Shafts
- Soil Testing
- Bethany Complex- New



Website Views

- Document Library: 373 views
- Overview: 4,876 views

Sites Reservoir Project Monthly Status Report

Report Period: September 2023

Monthly Status Summary:

The development of the Sites Project continues to make progress in the critical areas, including the following activities:

Engineering:

- Continued DSOD coordination.
- Continued preliminary engineering design and analysis: dams, I/O, roads, conveyance, and system hydraulics.
- Continued coordination and execution of geotechnical investigation Work Package 3 activities.

Coordination with Reclamation:

- Meetings with Reclamation and DWR individually to discuss technical aspects of coordinating operations. The joint discussions around the Operations Coordination Agreement are still on hold awaiting information from Reclamation on whether a basis of negotiation is needed.
- Ongoing weekly coordination to support the NEPA process, including the upcoming DC EIS briefings, as well as preparation of the Record of Decision and outreach materials. Approval for publication of the Final EIR/EIS is anticipated in late October/early November.

Environmental Planning and Permitting:

- Ongoing efforts to prepare the Final EIR/EIS for publication and certification, including minor revisions to figures.
- Ongoing preparation of components of the administrative record for posting online consistent with SB 149. This included coordination with CEQA legal counsel on content and format of the record.
- Continued development of CEQA Findings, including revisions to the draft Mitigation Monitoring and Reporting Program and development of the Statement of Overriding Considerations.
- Ongoing AB 52 consultation-related efforts to receive input from the Cachil Dehe Band of Wintun Indians.
- Continued development of the draft Reservoir Management Plan, Clean Water Act 404/401 permit applications, Master Streambed Alteration Agreement, and the Project's Adaptive Management Plan.

- Continued with fieldwork for portions of the Aquatic Study Plan.
- Initiated biological and botanical surveys to confirm landcover and assess species presence/absence.
- Continued development of the Operations ITP application.
- Continued coordination with CDFW on the Revised Construction ITP application.
- Continued development of the Proposition 1 Adaptive Management Plans for WSIP ecosystem, recreation and flood benefits.
- Continued development of the Construction Biological Assessment including technical discussions with Reclamation. Reclamation is anticipated to submit the Construction Biological Assessment to the USFWS in October.
- Continued discussions on the programmatic operations analysis in the Long-term Operations Reconsultation Biological Assessment. Reclamation released a CalSim 3 model for this effort which the Authority is reviewing and assessing.
- Continued discussions with a number of parties on the Project's water right application.

Operations:

- Continued effort to transition Sites into the CalSim 3 model platform.

Stakeholder Engagement, Public Outreach & Real Estate:

- Facilitated Local Community Working Group Meeting.
- Planning for communications associated with the roll-out of the Final EIR/EIS and the water right process.
- Planning for a Virtual Town Hall Meeting in early 2024.
- Ongoing coordination with landowners to discuss TROE for geotechnical, biological, environmental, and cultural field activities and other real estate actions.

Program Management & Administration:

- Initiated Participant review of Draft 2 of the Benefits & Obligations Contract with draft of JPA amendment and Updated Bylaws for Phase 3/4/5 governance changes.



Sites Reservoir Project

Work Plan Progress Reporting

#	Activity Name	Start	Finish	2024												2025												2026									
				Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar			
1	What do we get?																																				
2	Final Operating Agreement - Sites/DWR/Reclamation	19-Apr-22 A	29-Apr-24	Final Operating Agreement - Sites/DWR/Reclamation																																	
3	Submit Water Right Permit Application		11-May-22 A																																		
4	Sites Reservoir Operations Plan, Version 2	02-Jun-23 A	27-Jun-24	Sites Reservoir Operations Plan, Version 2																																	
5	Develop Participant Specific Model	05-Jun-23 A	21-Feb-24	Develop Participant Specific Model																																	
6	Final EIR / EIS - Complete		03-Nov-23	◆ Final EIR / EIS - Complete																																	
7	CWA 404 / 401 - Submit Final Permit Applications		15-Nov-23	◆ CWA 404 / 401 - Submit Final Permit Applications																																	
8	Receive CESA ITP - Construction		20-Dec-23	◆ Receive CESA ITP - Construction																																	
9	ROD Signed		26-Apr-24	◆ ROD Signed																																	
10	Federal ESA - Receive Project Construction & Program Operations BiOps		26-Apr-24	◆ Federal ESA - Receive Project Construction & Program Operations BiOps																																	
11	Receive CESA ITP - Operations		21-May-24	◆ Receive CESA ITP - Operations																																	
12	Execute TCCA & GCID Facilities Use Agreements		27-Jun-24	◆ Execute TCCA & GCID Facilities Use Agreements																																	
13	B&O Contract Ready to Execute (Contract, Bylaws, JPA)		28-Jun-24	◆ B&O Contract Ready to Execute (Contract, Bylaws, JPA)																																	
14	DSOD Confirmation of Dam Design Criteria		30-Dec-24	◆ DSOD Confirmation of Dam Design Criteria																																	
15	Water Right Permit Issued by SWRCB		28-Jan-25*	◆ Water Right Permit Issued by SWRCB																																	
16	Federal ESA - Receive Project Operations BiOps		16-Apr-25	◆ Federal ESA - Receive Project Operations BiOps																																	
17	What does it cost?																																				
18	Geotech EA/IS	03-Jan-22 A	28-Jul-22 A																																		
19	Landowners Access Agreements for Geotech	22-Mar-22 A	30-May-24	Landowners Access Agreements for Geotech																																	
20	Geotech Work Package #1	06-Sep-22 A	30-Dec-22 A																																		
21	Geotech Work Package #2	02-Jan-23 A	30-Jun-23 A																																		
22	Mitigation Cost Estimate Update	25-Apr-23 A	26-Jun-23 A																																		
23	Geotech Work Package #3	03-Jul-23 A	29-Dec-23	Geotech Work Package #3																																	
24	Geotech Work Package #4	02-Jan-24	31-Dec-24	Geotech Work Package #4																																	
25	Project Unit Cost Update Complete (Class 3 Estimate & Plan of Finance)		30-Jul-24	◆ Project Unit Cost Update Complete (Class 3 Estimate & Plan of Finance)																																	
26	How do we pay?																																				
27	Financing Check-In Q2-2022		01-Jul-22 A																																		
28	WIFIA Loan Application	05-Jul-22 A	30-Mar-23 A																																		
29	Financing Check-In Q3-2022		07-Oct-22 A																																		
30	Submittal of Final WIFIA Application		30-Mar-23 A	Application																																	
31	Financing Check-In Q1-2023		03-Apr-23 A	-2023																																	
32	Master Agreement & WIFIA Loan #1 Negotiation	04-Apr-23 A	31-Jul-24	Master Agreement & WIFIA Loan #1 Negotiation																																	
33	Participants Ready for Finance		28-Jun-24	◆ Participants Ready for Finance																																	
34	Prop 1 Final WSIP Award from CWC		16-Apr-25	◆ Prop 1 Final WSIP Award from CWC																																	
35	Investor Commitment																																				
36	Investor Commitment		25-Feb-25	◆ Investor Commitment																																	
37	Construction																																				
38	Construction Groundbreaking	06-Jun-25		★ Construction Groundbreaking																																	

DATE: November 7, 2023

TO: Board of Directors

SUBJECT: List of Announcements

- A. November 7, 2023, 9:30 a.m. – SAWPA Commission Meeting by Teleconference or In-Person (Cancelled)
- B. November 7, 2023, 10:00 a.m. – SAWPA PA 24 (Cancelled)
- C. November 7, 2023, 1:30 p.m. – San Bernardino Valley Water Conservation District Board Meeting
- D. November 7, 2023, 2:00 p.m. – Regular Board Meeting by Teleconference or In-Person
- E. November 8, 2023, 8:30 a.m. – Upper SAR WIFA TAC In-Person (Cancelled)
- F. November 10, 2023 – Agency Closed for Federal Holiday, Veteran’s Day
- G. November 14, 2023, 2:00 p.m. – Board Workshop – Resources/Engineering by Teleconference or In-Person
- H. November 15, 2023, 8:30 a.m. – Upper SAR WIFA In-Person (Cancelled)
- I. November 20, 2023, 6:00 p.m. – ASBCSD meeting (Yucaipa Valley Water District’s Crystal Creek Facility)
- J. November 21, 2023, 9:30 a.m. – SAWPA Commission Meeting by Teleconference or In-Person (Cancelled)
- K. November 21, 2023, 2:00 p.m. – Regular Board Meeting by Teleconference or In-Person

- L. November 22, 2023, 8:30 a.m. – Upper SAR WIFA TAC In-Person (Cancelled)
- M. November 23 - 24, 2023 – District closed for Thanksgiving
- N. November 28 - 30, 2023 – ACWA Fall Conference - Indian Wells