



Las Virgenes – Triunfo Joint Powers Authority
 4232 Las Virgenes Road, Calabasas, CA 91302
 818.251.2100



THIS MEETING WILL BE CONDUCTED PURSUANT TO THE PROVISIONS OF ASSEMBY BILL 361 (GOVERNMENT CODE SECTION 54953(E)), WHICH EXEMPTS CERTAIN REQUIREMENTS OF THE RALPH M. BROWN ACT TO SUPPORT SOCIAL DISTANCING GUIDELINES ASSOCIATED WITH RESPONSE TO THE CORONAVIRUS (COVID-19) PANDEMIC. BOARD MEMBERS AND STAFF MAY PARTICIPATE IN THE MEETING BY TELECONFERENCE. THE PUBLIC IS STRONGLY ENCOURAGED TO PARTICIPATE ELECTRONICALLY AT www.lvmwd.com/JPALiveStream.

TO JOIN THE WEBINAR VIA COMPUTER, PLEASE USE THE FOLLOWING ZOOM WEBINAR ID: <https://us06web.zoom.us/j/83456931635>

TO JOIN BY TELEPHONE, PLEASE DIAL (669) 900-6833 OR (346) 248-7799 AND ENTER WEBINAR ID: 834 5693 1635

Call and Notice of Special Meeting of the Governing Board of the
 Las Virgenes – Triunfo Joint Powers Authority

A Special Meeting of the Governing Board of the Las Virgenes – Triunfo Joint Powers Authority (JPA) is hereby called, and notice of said Special Meeting is hereby given for **9:00 a.m. on Thursday, October 14, 2021**, at Las Virgenes Municipal Water District, 4232 Las Virgenes Road, Calabasas, California 91302, to consider the following:

PLEDGE OF ALLEGIANCE

1. Call to Order and Roll Call
2. Special Meeting of October 14, 2021 (Agenda attached)
3. Adjourn

By Order of the Board of Directors
 RAY TJULANDER, Chair

David W. Pedersen, P.E.
 Administering Agent/General Manager

Dated: October 6, 2021

Ray Tjulander
 Chair, Las Virgenes-Triunfo
 Joint Powers Authority
 Chair, Triunfo Water & Sanitation District
 Board of Directors

Jay Lewitt
 Vice Chair, Las Virgenes-Triunfo
 Joint Powers Authority
 President, Las Virgenes Municipal Water District
 Board of Directors

**LAS VIRGENES - TRIUNFO
JOINT POWERS AUTHORITY
AGENDA**

4232 Las Virgenes Road, Calabasas, CA 91302

October 14, 2021, 9:00 AM

Public Participation for Meetings of Las Virgenes - Triunfo Joint Powers Authority in Response to COVID- 19

Pursuant to AB-361 (Government Code Section 54953(e)), the Las Virgenes - Triunfo Joint Powers Authority Board of Directors finds health concerns dictate offering the public and directors the opportunity to attend board meetings via teleconferencing.

PUBLIC PARTICIPATION: Pursuant to AB-361 and given the current health concerns, this meeting is being conducted via Zoom Webinar and all attendees are muted by default. To join via computer, please use the following Zoom Webinar ID:

Webinar ID:<https://us06web.zoom.us/j/83456931635>

To join by telephone, please dial (669) 900-6833 or (346) 248-7799 and enter Webinar ID 834 5693 1635

For members of the public wishing to address the Board during Public Comment or during a specific agenda item, please press "Raise Hand" if you are joining via computer, or press *9 if you are joining via phone.

Members of the public can also access and request to speak at meetings live on-line, with audio and limited video, at www.LVMWD.com/JPALiveStream. In addition, members of the public can submit written comments electronically for consideration at www.LVMWD.com/JPALiveStream. To ensure distribution to the members of the Las Virgenes - Triunfo Joint Powers Authority Board of Directors prior to consideration of the agenda, please submit comments 24 hours prior to the day of the meeting. Those comments, as well as any comments received after 5:00 P.M., will be distributed to the members of the Board of Directors and will be made part of the official public record of the meeting. Contact Josie Guzman, Executive Assistant/Clerk of the Board at (818) 251-2123 or jguzman@lvmwd.com with any questions.

ACCESSIBILITY: If requested, the agenda and backup materials will be made available in appropriate alternative formats to persons with a disability, as required by Section 202 of the Americans with Disabilities Act of 1990 (42 U.S.C. Sec. 12132), and the federal rules and regulations adopted in implementation thereof. Any person who requires a disability-related modification or accommodation, in order to observe and/or offer public comment may request such reasonable modification, accommodation, aid, or service by contacting the Executive Assistant/Clerk of the Board by telephone at (818) 251-2123 or via email to jguzman@lvmwd.com no later than 8:00 AM on the day of the scheduled meeting.

Members of the public wishing to address the Las Virgenes-Triunfo Joint Powers Authority (JPA) Board of Directors are advised that a statement of Public Comment Protocols is available from the Clerk of the Board. Prior to speaking, each speaker is asked to review these protocols, complete a speakers' card, and hand it to the Clerk of the Board. Speakers will be recognized in the order the cards are received.

The Public Comments agenda item is presented to allow the public to address the Board on matters not on the agenda. The public may also present comments on matters on the agenda; speakers for agendized items will be recognized at the time the item is called up for discussion.

Materials prepared by the JPA in connection with the subject matter on the agenda are available for public inspection at 4232 Las Virgenes Road, Calabasas, CA 91302. Materials prepared by the JPA and distributed to the Board during this meeting are available for public inspection at the meeting or as soon thereafter as possible. Materials presented to the Board by the public will be maintained as part of the records of these proceedings and are available upon request to the Clerk of the Board.

PLEDGE OF ALLEGIANCE

1 CALL TO ORDER AND ROLL CALL

2 APPROVAL OF AGENDA AND ADOPTION OF RESOLUTION NO. 13 (AB 361)

A **Implementation of AB 361: Authorizing Revised Use of Teleconferencing for Public Meetings (Pg. 5)**

Pass, approve, and adopt proposed Resolution No. 13, authorizing the revised use of teleconferencing for public meetings pursuant to the Brown Act provisions enacted by Assembly Bill 361.

RESOLUTION NO. 13

A RESOLUTION OF THE GOVERNING BOARD OF THE LAS VIRGENES-TRIUNFO JOINT POWERS AUTHORITY AUTHORIZING THE REVISED USE OF TELECONFERENCING FOR PUBLIC MEETINGS

(Reference is hereby made to Resolution No. 13 on file in the JPA's Resolution Book and by this reference the same is incorporated herein.)

3 PUBLIC COMMENTS

Members of the public may now address the Board of Directors **ON MATTERS NOT APPEARING ON THE AGENDA**, but within the jurisdiction of the Board. No action shall be taken on any matter not appearing on the agenda unless authorized by Subdivision (b) of Government Code Section 54954.2

4 CONSENT CALENDAR

Matters listed under the Consent Calendar are considered to be routine, non-controversial and normally approved with one motion. If discussion is requested by a member of the Board on any Consent Calendar item, or if a member of the public wishes to comment on an item, that item will be removed from the Consent Calendar for separate action.

A Minutes: Special Meeting of September 13, 2021 (Pg. 11)

Approve.

5 ILLUSTRATIVE AND/OR VERBAL PRESENTATION AGENDA ITEMS

A Pure Water Project Las Virgenes-Triunfo: Workshop on Funding, Financing and Estimated Bill Impacts (Pg. 19)

Review and provide feedback on the funding, financing and estimated bill impacts for the Pure Water Project Las Virgenes-Triunfo.

6 ADJOURNMENT

Pursuant to Section 202 of the Americans with Disabilities Act of 1990 (42 U.S.C. Sec. 12132), and applicable federal rules and regulations, requests for a disability-related modification or accommodation, including auxiliary aids or services, in order to attend or participate in a meeting, should be made to the Executive Assistant/Clerk of the Board in advance of the meeting to ensure availability of the requested service or accommodation. Notices, agendas, and public documents related to the Board meetings can be made available in appropriate alternative format upon request.

October 14, 2021 JPA Board Meeting

TO: Board of Directors

FROM: General Manager

Subject : Implementation of AB 361: Authorizing Revised Use of Teleconferencing for Public Meetings

SUMMARY:

On September 16, 2021, Governor Gavin Newsom signed Assembly Bill (AB) 361 to temporarily exempt certain requirements of the Brown Act and change the requirements for public meetings held by teleconference under certain circumstances. Staff recommends that the Board adopt proposed Resolution No. 13 to implement the provisions of AB 361 given the on-going health concerns associated with the COVID-19 pandemic. If approved, the Board will need to reconsider and renew the action every 30 days thereafter.

RECOMMENDATION(S):

Pass, approve, and adopt proposed Resolution No. 13, authorizing the revised use of teleconferencing for public meetings pursuant to the Brown Act provisions enacted by Assembly Bill 361.

RESOLUTION NO. 13

A RESOLUTION OF THE GOVERNING BOARD OF THE LAS VIRGENES-TRIUNFO JOINT POWERS AUTHORITY AUTHORIZING THE REVISED USE OF TELECONFERENCING FOR PUBLIC MEETINGS

(Reference is hereby made to Resolution No. 13 on file in the JPA's Resolution Book and by this reference the same is incorporated herein.)

FISCAL IMPACT:

No

ITEM BUDGETED:

No

FINANCIAL IMPACT:

There is no financial impact associated with this action.

DISCUSSION:

Background:

The Brown Act secures public access to the meetings of public commissions, boards, councils and agencies in the state. It also affirms that the people have the right of access to information concerning the conduct of the people's business, and, therefore, the meetings of public bodies and the writings of public officials and agencies shall be open to public scrutiny.

Under the Brown Act, all meetings of the legislative body of a local agency shall be open and public, and all persons shall be permitted to attend any such meeting. The Brown Act, as it presently exists, provides the following requirements for use of teleconferencing in connection with a meeting of a legislative body:

- Teleconferencing, as authorized, may be used for all purposes in connection with any meeting within the subject matter jurisdiction of the legislative body. All votes taken during a teleconferenced meeting shall be by roll call.
- If the legislative body elects to use teleconferencing, it must post agendas at all teleconference locations and conduct teleconference meetings in a manner that protects the statutory and constitutional rights of the parties or the public appearing before the legislative body of the local agency.
- Each teleconferencing location shall be identified in the posted agenda of the meeting or proceeding, and each teleconference location shall be accessible to the public.
- During the teleconference, at least a quorum of the members of the legislative body shall participate from locations within the boundaries of the territory over which the local agency exercised jurisdiction.
- The agenda shall provide an opportunity for members of the public to address the legislative body directly, as the Brown Act requires for in-person meetings, at each teleconference location.
- For purposes of these requirements, "teleconference" means a meeting of a legislative body, the members of which are in different locations, connected by electronic means, through either audio or video, or both.

Executive Order N-29-20 and Assembly Bill 361:

In March 2020, Governor Gavin Newsom issued Executive Order N-29-20, which waived Brown Act requirements found in Government Code §54953(b)(3) for teleconference participation in public meetings. In particular, the Executive Order waived the following:

- The requirement that state and local bodies notice each teleconference location from which a member will be participating in a public meeting;
- The requirement that each teleconference location be accessible to the public;
- The requirement that members of the public may address the body at each teleconference location;
- The requirement that state and local bodies post agendas at all teleconference locations; and
- The requirement that, during teleconference meetings, at least a quorum of the members of the local body participate from locations within the boundaries of the territory over which the local body exercises jurisdiction.

Executive Order N-29-20 expired on October 1, 2021. In light of the expiration date, a recent bill, AB 361, was approved by the California Legislature and signed by the Governor to extend the provisions of Executive Order N-29-20, subject to certain conditions to be met by the local legislative body seeking to utilize the exemptions. AB 361 also imposes certain new requirements as detailed below.

Analysis of Assembly Bill 361:

AB 361 exempts local legislative bodies from certain Brown Act requirements currently governing teleconferencing. These exemptions may be used only in one of the following circumstances:

- The legislative body holds a meeting during a proclaimed state of emergency, and state or local officials have imposed or recommended measures to promote social distancing.
- The legislative body holds a meeting during a proclaimed state of emergency for purposes of determining, by majority vote, whether as a result of the emergency, meeting in person would present imminent risks to the health and safety of attendees.
- The legislative body holds a meeting during a proclaimed state of emergency and has determined by majority vote pursuant to b) above that, as a result of the emergency, meeting in person would present imminent risks to the health or safety of attendees.

The JPA is currently subject to a Health Officer Order issued by Los Angeles County Department of Public Health on August 23, 2021. The Order eliminated physical distancing requirements except during major outbreaks. Accordingly, to avail itself of the teleconferencing exemptions provided by AB 361, the JPA must determine that the state of emergency continues to present imminent risk to the health or safety of attendees at public meetings.

Further, AB 361 requires that the Board reconsider the state of emergency and renew its determination every 30 days after commencing use of its exemptions. However, if during the 30-day period, the Board wishes to meet in person, it may choose to do so despite adoption of the proposed Resolution. The intent of the Resolution is merely to allow the Board to avail itself of the AB 361 teleconferencing provisions.

Finally, in addition to allowing for the above exemptions, AB 361 adds the following requirements:

- The legislative body must give notice of the meeting and post agendas as otherwise required by the Brown Act.
- The legislative body must allow members of the public to access the meeting, and the agenda must provide an opportunity for members of the public to address the legislative body directly pursuant to Brown Act requirements. In each instance where notice of the time of the teleconferenced meeting is otherwise given or the agenda for the meeting is otherwise posted, the legislative body must also give notice of the means by which members of the public may access the meeting and offer public comment. The agenda must identify and include an opportunity for all persons to attend via call-in option or an internet-based service option. The legislative body need not provide a physical location from which the public may attend or comment.
- The legislative body must conduct teleconference meetings in a manner that protects the statutory and constitutional rights of the parties and the public appearing before the legislative body.

- In the event of a disruption that prevents the public agency from broadcasting the meeting to members of the public using the call-in or internet-based service options, or in the event of a disruption within the local agency's control that prevents members of the public from offering public comments using the call-in or internet-based service options, the legislative body must take no further action on items appearing on the meeting agenda until public access to the meeting is restored. Actions taken on agenda items during a disruption preventing the broadcast of the meeting may be challenged as provided in the Brown Act.
- The legislative body may not require public comments to be submitted in advance of the meeting, and it must provide an opportunity for the public to address the legislative body and offer comment in real time.
- The legislative body may use an online third-party system for individuals to provide public comment that requires an individual to register with the system prior to providing comment.
- If a legislative body provides a timed public comment period, it may not close the comment period or the time to register to provide comment until the timed period has elapsed. If the legislative body does not provide a time-limited comment period, it must allow a reasonable time for the public to comment on each agenda item.

Prepared by: Josie Guzman, Executive Assistant/Clerk of the Board

ATTACHMENTS:

Proposed Resolution No. 13

RESOLUTION NO. 13

**A RESOLUTION OF THE GOVERNING BOARD OF THE LAS VIRGENES – TRIUNFO
JOINT POWERS AUTHORITY AUTHORIZING THE REVISED USE OF
TELECONFERENCING FOR PUBLIC MEETINGS**

**BE IT RESOLVED BY THE GOVERNING BOARD OF THE LAS VIRGENES – TRIUNFO
JOINT POWERS AUTHORITY** as follows:

WHEREAS, the Governor of the State of California (“Governor”) proclaimed a State of Emergency to exist as a result of the threat of COVID-19. (Governor’s Proclamation of a State of Emergency (Mar. 4, 2020).)

WHEREAS, the Governor’s Exec. Order No. N-25-20 (Mar. 12, 2020); Governor’s Exec. Order No. N-29-20 (Mar. 17, 2020); and Governor’s Exec. Order No. N-08-21 (Jun. 11, 2021) provided that local legislative bodies may hold public meetings via teleconferencing and make public meetings accessible telephonically or otherwise electronically to all members of the public seeking to observe and to address the local legislative body and waived the Brown Act provisions found in Govt. Code section 54953(b)(3) which require the physical presence of the members, the clerk, or other personnel of the body, or the public, as a condition of participation in, or quorum for, a public meeting, including:

- a) The requirement that state and local bodies notice each teleconference location from which a member will be participating in a public meeting.
- b) The requirement that each teleconference location be accessible to the public.
- c) The requirement that members of the public may address the body at each teleconference location.
- d) The requirement that state and local bodies post agendas at all teleconference locations.
- e) The requirement that, during teleconference meetings, at least a quorum of the members of the local body participate from locations within the boundaries of the territory over which the local body exercises jurisdiction.

WHEREAS, the provisions of Governor’s Exec. Order No. N-25-20 (Mar. 12, 2020); Governor’s Exec. Order No. N-29-20 (Mar. 17, 2020); and Governor’s Exec. Order No. N-08-21 (Jun. 11, 2021) expired on September 30, 2021;

WHEREAS, the Center for Disease Control is currently contending with the Delta Variant of the COVID-19 virus and anticipates the development of potential other strains which may further impede public agency operations and prolong the need for social distancing requirements;

AND WHEREAS, recent legislation (A.B. 361) authorizes a local legislative body to use teleconferencing for a public meeting without complying with the Brown Act’s teleconferencing quorum, meeting notice, and agenda requirements set forth in Government Code section 54953(b)(3), in any of the following circumstances:

- a) The legislative body holds a meeting during a proclaimed state of emergency, and state or local officials have imposed or recommended measures to promote social distancing.

- b) The legislative body holds a meeting during a proclaimed state of emergency for purposes of determining, by majority vote, whether as a result of the emergency, meeting in person would present imminent risks to the health and safety of attendees.
- c) The legislative body holds a meeting during a proclaimed state of emergency and has determined by majority vote pursuant to b) above that, as a result of the emergency, meeting in person would present imminent risks to the health or safety of attendees.

NOW, THEREFORE, BE IT RESOLVED by the Governing Board of the Las Virgenes – Triunfo Joint Powers Authority as follows:

Section 1. Incorporation of Recitals. All of the foregoing Recitals are true and correct and the Board so finds and determines. The Recitals set forth above are incorporated herein and made an operative part of this Resolution.

Section 2. Adoption of AB-361. The Board has determined by majority vote that, as a result of the emergency, meeting in person would present imminent risks to the health or safety of attendees.

Section 3. Continued Implementation of AB-361. If the state of emergency remains active, or state or local officials have imposed measures to promote social distancing, the Governing Board of the Las Virgenes – Triunfo Joint Powers Authority shall, in order to continue meeting subject to this exemption to the Brown Act, no later than 30 days after it commences using the exemption, and every 30 days thereafter, make the following findings by majority vote:

- a) The legislative body has reconsidered the circumstances of the state of emergency; *and*
- b) Either (1) the state of emergency continues to directly impact the ability of the members to meet safely in person; or (2) state or local officials continue to impose or recommend measures to promote social distancing.

PASSED, APPROVED AND ADOPTED on _____, 2021.

Chair

ATTEST:

Vice Chair

APPROVED AS TO FORM:

Agency Counsel

**LAS VIRGENES – TRIUNFO
JOINT POWERS AUTHORITY
MINUTES
SPECIAL MEETING**

5:00 PM

September 13, 2021

PLEDGE OF ALLEGIANCE

The Pledge of Allegiance to the Flag was led by Lee Renger.

1. CALL TO ORDER AND ROLL CALL

The meeting was called to order at **5:00 p.m.** by Chair Tjulander via teleconference in the Board Room at Las Virgenes Municipal Water District headquarters at 4232 Las Virgenes Road, Calabasas, CA 91302. The meeting was conducted via teleconference pursuant to the provisions of the Governor’s Executive Order, N-29-20, which suspended certain requirements of the Ralph M. Brown Act to support social distancing guidelines associated with response to the coronavirus (COVID-19) outbreak. Josie Guzman, Clerk of the Board, conducted the roll call.

Present: Directors Caspary, Lewitt, Lo-Hill, Nye, Orkney, Polan, Renger, Shapiro, Tjulander, and Wall.

Absent: None.

2. APPROVAL OF AGENDA

Director Polan moved to approve the agenda. Motion seconded by Director Shapiro. Motion carried unanimously.

3. PUBLIC COMMENTS

None.

4. CONSENT CALENDAR

A Minutes: Regular Meeting of August 3, 2021 and Special Meeting of August 23, 2021: Approve

B Rancho Solar Generation Project Phase 2: Amendment No. 3 to Power Purchase Agreement

Authorize the Administering Agent/General Manager to execute Amendment No. 3 to Power Purchase Agreement for the Rancho Solar Generation Project Phase 2.

Director Orkney moved to approve the Consent Calendar. Motion seconded by Director Caspary. Motion carried unanimously.

5. ILLUSTRATIVE AND/OR VERBAL PRESENTATION AGENDA ITEMS

A State and Federal Legislative Update

Ana Schwab, federal lobbyist for the JPA with Best Best & Krieger LLP (BBK), presented the federal legislative update. She noted that the House of Representatives and the Senate had until September 15th to complete the budget reconciliation bills so that both Chambers may vote on the budget packages by the September 30th deadline; however, it did not appear that this would be accomplished in time to meet the deadline. She stated that the House of Representatives could proceed with a vote for a short-term measure to fund the federal government through the beginning of December to allow extra time for Congress to consider budget packages and appropriations. She also stated that the House of Representatives included language in the Infrastructure Package and the authorizing bill for the Alternative Water Source Program that contained the amendment advocated by the JPA. She noted that House Speaker Nancy Pelosi indicated she would call for a vote on the Infrastructure Package after the budget with an internal deadline of September 30th; however, it was unclear how this would proceed given the change in the central budget timeline.

Lowry Crook, federal lobbyist for the JPA with BBK, reported that work continued on the annual defense authorization bill and per- and polyfluoroalkyl substances (PFAS) regulations. He stated that PFAS amendments would likely focus on clean-up at military bases and phasing out firefighting foam containing PFAS.

Ms. Schwab provided an update on the Waters of the United States (WOTUS) rule and stated that the U.S. Environmental Protection Agency (EPA) and the Army Corps of Engineers were proceeding with the process of rebranding the WOTUS rule. She noted that the U.S. District Court in Arizona vacated the rule, and the EPA indicated it would implement vacating the rule. She also noted that the ruling did not repeal the 2015 rule; therefore, the WOTUS rule would return to the 1986 rule and its guidance. She also reported that the EPA was seeking comments on PFAS limitations and implementation; however, this would be focused on limiting industries' use of and ability to have PFAS or PFAS chemicals in their products.

Mr. Crook responded to a question regarding the current WOTUS rule by stating that the current Administration, the EPA, and the Army Corps of Engineers would move very soon to repeal the 2020 standard rule.

Syrus Devers, state lobbyist for the JPA with BBK, presented the state legislative update, and noted it was expected that Governor Gavin Newsom would lift emergency orders that allowed local public agencies to hold public meetings remotely until September 30th, and would sign AB 361 (Rivas), Open Meetings, Local Agencies, Teleconferences, which would permit remote meetings to continue with certain guidelines. He provided an update regarding funding for water and wastewater arrearages and noted that funding for wastewater delinquent accounts would not be available until January as delinquent water utility accounts would be given priority. He also noted that the Association of California Water Agencies (ACWA), California Mutual Utilities Association (CMUA), and WateReuse had advocated to have \$500 million set aside in the budget for water recycling projects; however only \$200 million was set aside for water recycling and groundwater clean-up funding. He responded to a question regarding the status of SB 222 (Dodd), the Water Affordability Assistance Program, by stating that this bill was sent to the inactive file. He also responded to a question regarding the JPA seeking a portion of the \$200 million for water recycling project funding by stating that the JPA would need to apply and compete for funding.

B Pure Water Project Las Virgenes-Triunfo: Update

Eric Schlageter, Principal Engineer, presented the report. He noted that the Notice of Preparation of Programmatic Environmental Impact Report was released in accordance with California Environmental Quality Act (CEQA) requirements, and a public scoping meeting would be held on September 23rd. He also noted that staff met with representatives from the Los Angeles Regional Water Quality Control Board to provide an update on the project's progression, and staff would provide them a tour of the Pure Water Demonstration Facility at the end of the month. He stated that an update and tour would also be provided to representatives from the State Water Resources Control Board, Division of Drinking Water in October. He noted that staff would review finance and funding scenarios for the project at the next JPA meeting. He also reported that staff was continuing to provide tours of the Pure Water Demonstration Facility to interested agencies, design-build professionals, and consultants, and that staff would provide a tour to representatives from the City of Thousand Oaks on October 20th.

Administering Agent/General Manager David Pedersen responded to a question regarding whether Board Members could attend the scoping meeting by stating that Board Members were welcome to attend the meeting as well as the October 20th tour for representatives from the City of Thousand Oaks.

Wayne Lemieux, Agency Counsel, advised the Board to only take notes during the scoping meeting and not interact with each other to avoid a violation of the Brown Act.

Administering Agent/General Manager David Pedersen responded to a question regarding addressing the sound levels inside the Pure Water Demonstration

Facility.

A discussion ensued regarding bringing back a cost analysis for financing to take advantage of low interest rates, the requirement for legal advertising in newspapers as part of the CEQA process, and advertising the scoping meeting on social media.

6. **ACTION ITEMS**

A Pure Water Demonstration Facility: Operational Support Services

Authorize the Administering Agent/General Manager to execute a professional services agreement with Carollo Engineers, Inc., in the amount of \$117,622, to provide continued operational support services for the Pure Water Demonstration Facility.

Darrell Johnson, Water Systems Manager, presented the report.

Andy Salveson, representing Carollo Engineers, Inc., provided a PowerPoint presentation on the Pure Water Demonstration Facility and evaluation of artificial intelligence technology. The Board asked Mr. Salveson for a copy of his presentation and that he include a chart explaining the logarithmic microbiological (pathogen) reduction criteria (12/10/10).

A discussion ensued regarding the possibility of testing the effects of stormwater and dry weather flow on the existing system and having staff provide a comparison of the quantities of contaminants of emerging concern and other compounds detected in State Water Project supplies as compared to the same treated water from the Pure Water Demonstration Facility.

Director Caspary moved to approve Item 6A. Motion seconded by Director Renger.

A discussion ensued regarding technologies to remove microplastics from entering the wastewater stream.

Motion carried unanimously.

B Pure Water Project Las Virgenes-Triunfo: Public Outreach Services

Authorize the Administering Agent/General Manager to execute a professional services agreement with Water Systems Consulting, in the amount of \$71,090, for public outreach services related to the Pure Water Project Las Virgenes-Triunfo.

Mike McNutt, Public Affairs and Communications Manager, presented the report.

Director Lewitt moved to approve Item 6B. Motion seconded by Director Orkney. Motion carried unanimously.

C Pure Water Project Las Virgenes-Triunfo: Water Augmentation Study Results

Review and provide feedback on the results of the Water Augmentation Study for the Pure Water Project Las Virgenes-Triunfo.

Administering Agent/General Manager David Pedersen provided introductory remarks.

Katie Bollmer, representing Jacobs Engineering, provided a PowerPoint presentation of the water augmentation study alternatives analysis results, including baseline flow and alternatives analysis.

A discussion ensued regarding recycled water conservation at Pepperdine University as a high priority, diverting dry weather urban runoff and challenges with diverting flows from streams due to water rights and endangered species issues.

Ms. Bollmer responded to a question regarding showing that Medea Creek originates in Oak Park in the augmentation sources map by stating that the map would be updated to include the stream network.

Ms. Bollmer continued the presentation and reviewed cost metrics for the alternatives analysis including review of single-source alternatives.

A discussion ensued regarding dry weather flow data in Medea Creek due to urban runoff within the tributary watershed.

Director Orkney requested that staff bring back an explanation of the option to obtain water from the Hill Canyon Treatment Plant.

Ms. Bollmer continued the presentation, including the final ranking criteria and outcomes, and responded to questions regarding benefit/cost ratios. She also reviewed the recommended water augmentation approach.

A discussion ensued regarding implementing recycled water conservation programs.

Administering Agent/General Manager David Pedersen reviewed next steps, including looking at augmentation early on in order to consider the size of the advanced water purification facility and construction of the brine pipeline. He stated that there were opportunities for a partnership with the City of Thousand Oaks through its groundwater program and the Hill Canyon Treatment Plant. He recommended that the JPA foster and develop a relationship with the City of

Thousand Oaks, build off of the systematic process by Jacobs Engineering, consider forming other partnerships and the benefits they could provide, and have staff bring back ideas on how partnerships could become a reality. He stated that the ability to foster partnerships would drive down and offset the cost of the project. He noted that staff was working with Pepperdine University on seeking a partnership, including looking at perhaps changing how the university manages its property and options for lower recycled water demand.

Jennifer Phillips, representing Jacobs Engineering, responded to questions regarding project costs without water augmentation and increased operational costs.

D Tapia Water Reclamation Facility Summer Season TMDL Compliance and Meter Replacement Project: Construction Award

Accept the request from Minco Construction to withdraw its bid due to a clerical error; award a construction contract to Pacific Hydrotech Corporation, in the amount of \$3,488,505; reject all remaining bids upon receipt of the duly executed contract documents; and appropriate an additional \$1,660,567.50 for the Tapia Water Reclamation Facility Summer Season Total Maximum Daily Load Compliance and Meter Replacement Project.

Veronica Hurtado, Assistant Engineer, presented the report and alternative option cost comparisons. She responded to questions regarding the cost and location of the new meters.

Director Renger moved to approve Item 6D. Motion seconded by Director Shapiro. Motion carried unanimously.

7. BOARD COMMENTS

Director Polan reported that he attended the Southern California Coastal Water Research Project (SCCWRP) Microplastics Health Effects Workshop Webinar on September 9th.

8. ADMINISTERING AGENT/GENERAL MANAGER REPORT

Administering Agent/General Manager David Pedersen reported that the flow in Malibu Creek was measuring 4.37 cubic feet per second, and there was no need for water augmentation. He also reported that staff worked with the Four Seasons Hotel to divert up to 10,000 gallons per month of groundwater dewatering flow from the parking garage so that the hotel can comply with stormwater discharge requirements.

9. FUTURE AGENDA ITEMS

None.

10. INFORMATION ITEMS

A Pure Water Project Las Virgenes-Triunfo: Final Report for Future Supply Actions Study on Artificial Intelligence

11. PUBLIC COMMENTS

None.

12. ADJOURNMENT

Seeing no further business to come before the Board, the meeting was duly adjourned at **7:57 p.m.**

Ray Tjulander, Chair

ATTEST:

Jay Lewitt, Vice Chair

October 14, 2021 JPA Board Meeting

TO: JPA Board of Directors

FROM: Finance & Administration

Subject : Pure Water Project Las Virgenes-Triunfo: Workshop on Funding, Financing and Estimated Bill Impacts

SUMMARY:

On July 6, 2021, the JPA Board approved a Program Implementation Plan (PIP) for the Pure Water Project Las Virgenes-Triunfo. The PIP provides a comprehensive programmatic delivery framework for the suite of projects and studies that comprise the Pure Water Project Las Virgenes-Triunfo. The document covers technical services, regulatory and environmental planning, finance and funding and project delivery. In conjunction with approval of the PIP, the JPA Board directed staff to return to the Board at a future meeting with additional information on the funding, financing and estimated bill impacts for the Pure Water Project Las Virgenes-Triunfo. During the special JPA Board workshop, staff and representatives from Jacobs Engineering, Piper Sandler and Raftelis will provide an overview of the funding, financing and estimated bill impacts for the Pure Water Project Las Virgenes-Triunfo. Attached for reference are copies of the workshop materials.

RECOMMENDATION(S):

Review and provide feedback on the funding, financing and estimated bill impacts for the Pure Water Project Las Virgenes-Triunfo.

FISCAL IMPACT:

No

ITEM BUDGETED:

No

FINANCIAL IMPACT:

While there is no direct financial impact associated with the workshop, the ultimate mix of funding and financing secured for the Pure Water Project Las Virgenes-Triunfo will affect its overall cost. Staff will continue to seek opportunities to maximize the use of grants, pay-go funding and low-interest loans to minimize the cost of the project.

DISCUSSION:

The Funding and Financing Team for the Pure Water Project Las Virgenes-Triunfo consists of representatives from Las Virgenes Municipal Water District, Triunfo Water and Sanitation District, Jacobs Engineering, Piper Sandler and Raftelis. Over the last several months, the team has worked together to develop a funding and financing strategy for the Pure Water Project Las Virgenes-Triunfo that minimizes the bill impacts for an average customer. Following the workshop and using feedback provided by the JPA Board, the team will continue to develop the funding and financing strategy, which will include working individually with both Las Virgenes Municipal Water District and Triunfo Water and Sanitation District staff to address agency-specific needs and situations. It is anticipated that the team will also work to determine the best, most competitive means of securing any required financing, whether together through the JPA or individually.

Prepared by: Donald Patterson, Director of Finance and Administration

ATTACHMENTS:

Funding Source Descriptions

PowerPoint Presentation

Attachment A

Funding Source Descriptions



PURE WATER PROJECT
LAS VIRGENES-TRIUNFO

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Las Virgenes-Triunfo JPA Board Special Session

October 14, 2021

Funding Sources ~ Overview

In California, there are at least thirteen (13) funding sources generally available to finance water/wastewater projects. Within three categories, the methods/sources are listed below.

Source	Grants Available	Maximum Loan Rate	Max Final Maturity (Years)	Potential Source
Government				
CA Infrastructure & Economic Development Bank (IBank)	No	Subsidized AAA	30	Yes
CA Special District Association (SDA)	No	AA + 0.25%	30	Unlikely
CA State Water Resources Control Board (SWRCB)	Yes	50% of AA-	30	Yes
US Army Corps of Engineers (ACE)	Yes	n/a	n/a	Unlikely
US Bureau of Reclamation (BOR)	Yes	n/a	n/a	Yes
US Department of Agriculture Rural Development (RD)	Yes	4.5%	40	Unlikely
US EPA Alternative Water Source Program (AWSP)	Yes	n/a	n/a	Maybe
US EPA Water Infrastructure Finance & Innovation Act (WIFIA)	No	U.S. Treasury	Useful Life/35+	Yes
Market				
Placement (Place)	No	Varies by Issuer	10	Unlikely
Public Offering (Public)	No	Varies by Issuer	Useful Life/30+	Yes
Other				
CoBank	No	Varies by Borrower	30	Unlikely
Metro Water District, Local Resources Program (LRP)	Yes	n/a	n/a	Yes
Public Finance Authority (PFA)	No	Varies by Issuer	Useful Life	Unlikely

Funding Sources ~ Descriptions

In alphabetical order (by acronym), the sources are summarized below including potential pros and cons and rankings based on a scale of 1 to 5 with 5 being “preferred.” Generally, rankings are based on: accessibility, timing, eligibility, requirements, disclosure, documentation/terms/conditions, expense, and reporting.



ACE ~ while not official policy, ACE focuses on water **management** projects near and east of the Mississippi River with BOR focused on “western” water **source** projects. To obtain ACE assistance, local governments must obtain Congressional authorization to: (1) study, plan, and design a project, and (2) construct a previously authorized project. For California projects, ACE ranks 1 (low) as a potential funding source given geographic considerations, accessibility, project eligibility, and timing.

Limit	Congress Authorizes
Grants Available	Yes
Loan Terms	For most projects, n/a
Rate	
First Principal	
Final Principal	



AWSP ~ the proposed 2021-22 Water Reuse and Resiliency Act could add \$1 billion to an existing \$125 million US EPA pilot program to plan, design, and construct local alternative water supply projects. Alternatives can include conserving, reclaiming, or reusing water, stormwater, and wastewater. To apply for AWSP grants, local governments can contact US EPA for notices on competitive grant rounds. AWSP ranks 2 as a potential source given limited funding and evolving competitive award criteria. If Congress reauthorizes AWSP and increases funding, AWSP ranks 3 for competitive grants up to \$25 million.

Limit	Estimated \$25 M
Grants Available	Yes
Loan Terms	n/a
Rate	
First Principal	
Final Principal	



BOR ~ while not as rigidly structured as ACE, local governments must expect a long time line to access meaningful BOR assistance for water source and reuse projects. For California projects, we rank BOR 2.5 as a potential funding source given accessibility, timing, and competitive demand. While it is worth contacting BOR (preferably, with support from local Congressional staff), there can be some downsides to BOR’s legacy of extended oversight over operations and use of water.

Limit	Estimated \$25 M
Grants Available	Yes
Loan Terms	For most projects, n/a
Rate	
First Principal	
Final Principal	



CoBank ~ as established by Congress, CoBank has evolved into a national cooperative bank governed by a Board and supported by stockholders to provide financial services to rural industries and local governments. Given its focus on rural utilities and businesses, CoBank is unlikely to provide financing in meaningful amounts except in circumstances where an applicant either serves or might extend service to areas considered “rural” by CoBank. CoBank ranks 2.5 or higher depending on CoBank’s view of the “rural character” of the service area; worth contacting CoBank but no certainty of loans.

Limit	Can exceed \$100 M
Grants Available	No
Loan Terms	
Rate	Market
First Principal	within 1 Yr Completion
Final Principal	within 30 Yrs Completion



IBank ~ through its multi/general purpose Infrastructure State Revolving Fund (ISRF), IBank provides meaningful subsidies indexed to its AAA cost of borrowing but has periodic capacity constraints due to dependence on \$300 million of revolving equity for lending and to support ISRF bonds. Local governments seeking water and sewer financial assistance could rely on IBank for projects up to \$50 million or subordinated/non-traditional pledges. IBank ranks 3.

Limit	Typically, \$50 M
Grants Available	No
Loan Terms	
Rate	Subsidized below AAA
First Principal	Subject to Negotiation
Final Principal	Typically, 20-30 Yrs



LRP ~ the Metropolitan Water District (MWD) encourages member agencies to implement projects to reduce demand on MWD’s water supplies. After a member completes an approved project, MWD provides annual reimbursements (“offsets”) for operating costs based on annual acre foot (AF) reductions to water demand. MWD intends to support LRP to the aggregate target goal of reducing annual water demands by 170,000 AF. Depending on the project, time/effort committed by LRP applicants, and the long-term commitment by MWD, LRP ranks 4 as a potential offset for eligible projects.

Limit	Total: Reduce 170,000 AF
Grants Available	“Offsets” to 25 Yrs
Loan Terms	
Rate	n/a
First Principal	
Final Principal	



PFA ~ PFA is a national conduit/pooled issuer sponsored by the National League of Cities and Towns and the National Association of Counties. PFA created an insured (AA rated) water/sewer finance program to bundle issuers/issues for economies of scale and savings. PFA intends to focus on projects or refundings up to \$30 million secured by a revenue pledge. PFA ranks 2 for local governments rated “A+” or higher by one or more rating agencies; PFA might rank higher for non-traditional projects with a short repayment schedule from local governments rated below A+.

Limit	Depends on credit quality
Grants Available	No
Loan Terms	
Rate	Market
First Principal	Set by Borrower
Final Principal	Set by Borrower

Placement ~ placements can be viewed as one issuer placing debt with one investor. Depending on individual project and borrower circumstances, placements average 3 for financings at or less than 10 years for non-traditional projects/pledges, refundings, and with reduced disclosure/reporting. Placements are less practical and rank below 3 for “large” projects with terms in excess of 10 years.

Limit	Typically, \$50 M
Grants Available	No
Loan Terms	
Rate	Based on Credit Quality
First Principal	Subject to Negotiation
Final Principal	Typically, 10 Yrs or less

Public ~ public offerings can be viewed as one issuer placing debt with multiple investors. California local governments can optimize public offerings for large system-wide projects in excess of \$10 million secured by traditional revenue pledges. For projects under \$10 million, ratings, costs of issuance, and disclosure motivates issuers towards other methods/sources. Additionally, public offerings work best when the “story” behind the bonds is straightforward for investors with limited time and many investment options. Generally, public offerings have an average rank of 3. For larger projects, public offerings can rank higher since they are often the best option for full or partial funding alongside government sources.

Limit	Up to \$2 Billion
Grants Available	No
Loan Terms	
Rate	Based on Credit Rating
First Principal	Set by Issuer
Final Principal	Typically, 20-30 Yrs

Limit	Typically, up to \$25 M
Grants Available	Yes; up to \$10 M
Loan Terms	
Rate	1.25% to 2.25%



RD ~ Rural Development (RD) is affiliated with the US Department of Agriculture and managed by a State Director and staff located in each state. While RD is mandated to benefit populations under 10,000, RD grants and loans are viable for a large utility to extend service to rural areas or for a large utility to consolidate a small utility. RD expects borrowers to interim finance their projects and provides long-term take-out financing after project completion. Subject to these limitations, RD ranks 2. While RD is a “maybe” as a method/source, it is worthwhile to discuss “rural related” projects with RD’s State Director.

First Principal	within 1 Yr Origination
Final Principal	within 40 Yrs Origination



SDA ~ amongst other services and benefits, the Special District Association created a subsidiary conduit issuer for water/sewer financings – the CSDA Finance Corporation to remove the “mystery” and effort associated with issuing bonds. Generally, SDA is best suited for: (1) small, infrequent, or inexperienced issuers, (2) small projects below \$20 million including equipment acquisitions and replacements, and (3) issuers rated A+ or lower. For large projects with an issuer/borrower rated above “A+”, SDA would rank 2.

Limit	Typically, up to \$25 M
Grants Available	No
Loan Terms	
Rate	Market
First Principal	
Final Principal	



SWRCB ~ SWRCB manages the Clean Water State Revolving Fund (SRF), the Drinking Water SRF, and other state programs funded by state “water” bonds. SWRCB offers the lowest interest rates. Borrowers pay interest on loan draws only. Currently, SWRCB has SRF capacity constraints due to encumbering its \$7.5 billion+ SRFs to a handful of large projects. SWRCB also has staff constraints leading to lengthy processing times. Local governments can optimize SWRCB as a co-funder alongside other funding or as a source for stormwater, groundwater recharge, or other non-traditional projects. Due to uncertainty about accessibility, timing, uncertainty of project grants, and the pace of drawing loan and grant proceeds for incurred costs, SWRCB ranks 3. SWRCB is worth the effort to access the subsidy, but increasing delays in originating and drawing financial assistance can significantly reduce the benefits of the subsidy and increase the need for interim finance.

Limit	Currently, up to \$150 M
Grants Available	Yes, up to 1/3 of Project
Loan Terms	
Rate	50% of AA- Rated
First Principal	within 1 Yr Completion
Final Principal	within 30 Yrs Origination

WIFIA ~ local governments should consider WIFIA for: (1) large projects, (2) 49% of project costs (WIFIA maximum), (3) extended terms to 35 years, (3) deferring, wrapping, and backloading principal payments, add (5) co-funding alongside SRF’s. Amongst other advantages, borrowers: (1) have flexibility to amortize principal as required for past and future debt, (2) pay interest on loan draws, (3) can unencumber funds to a lower final loan amount, (4) can prepay anytime, and (5) can reduce tax law compliance compared to tax-exempt debt. For projects in excess of \$50+ million, based on current interest rates and flexible terms/conditions, WIFIA ranks 4.

Limit	To Date, \$700 M
Grants Available	No
Loan Terms	
Rate	US SLGS Rates + 1 bp
First Principal	within 5 Yrs Completion
Final Principal	within 35 Yrs Completion



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Funding, Financing, and Estimated Bill Impacts

Agenda

- Introduction
- Funding and Offsets
- Independent Cost Estimate
- TACT* Scenarios & Bill Impacts
- Next Steps

*Jacobs CIP Financing Model – Tailored Analytics and Comparative Techniques



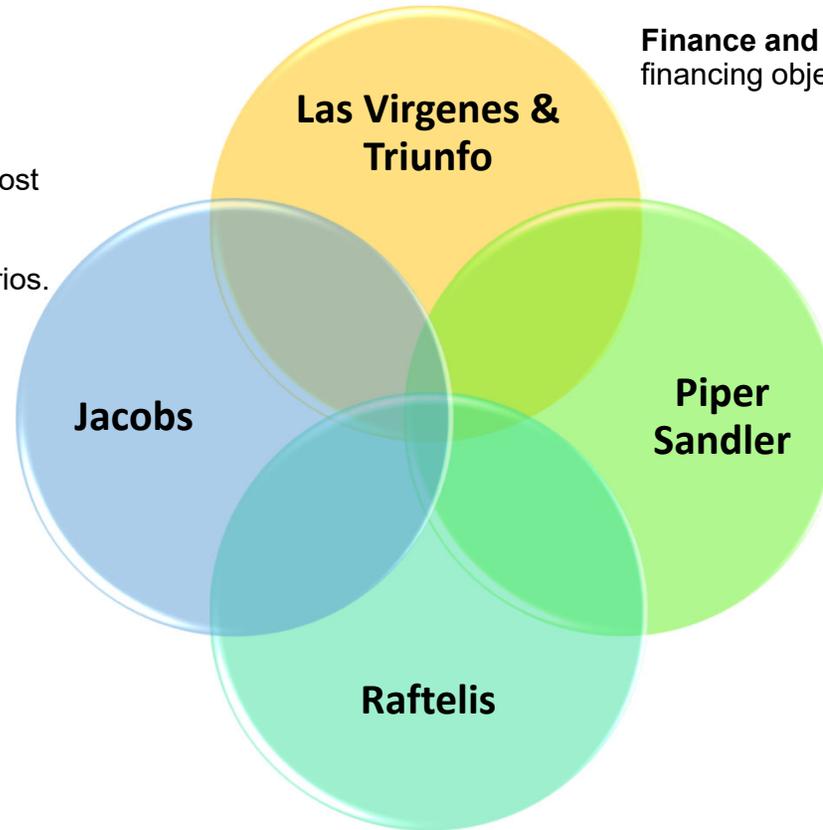
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Introduction

Program Team

Engineering Lead: Developed initial cost estimates and project schedule. Used TACT model to assess various implementation (cost + funding) scenarios.



Finance and Engineering: Established PWP financing objectives and provided technical direction.

Debt Structuring Lead: Translated scenario inputs into future debt service requirements.

Bill Impact Lead: Calculated customer bill increases to support PWP delivery using baseline information from Las Virgenes and Triunfo, cost information from Jacobs, and debt requirements from Piper Sandler.

JPA Funding Objectives

- Objective 1: Appropriately allocate cost to partner agencies and their enterprises.
- Objective 2: Minimize impact to average customer.
- Objective 3: Maximize use of Pay Go funding.
- Objective 4: Maximize use of grant funding.
- Objective 5: Maximize use of low-cost financing (e.g. WIFIA, SRF).
- Objective 6: Strategically issue municipal debt.



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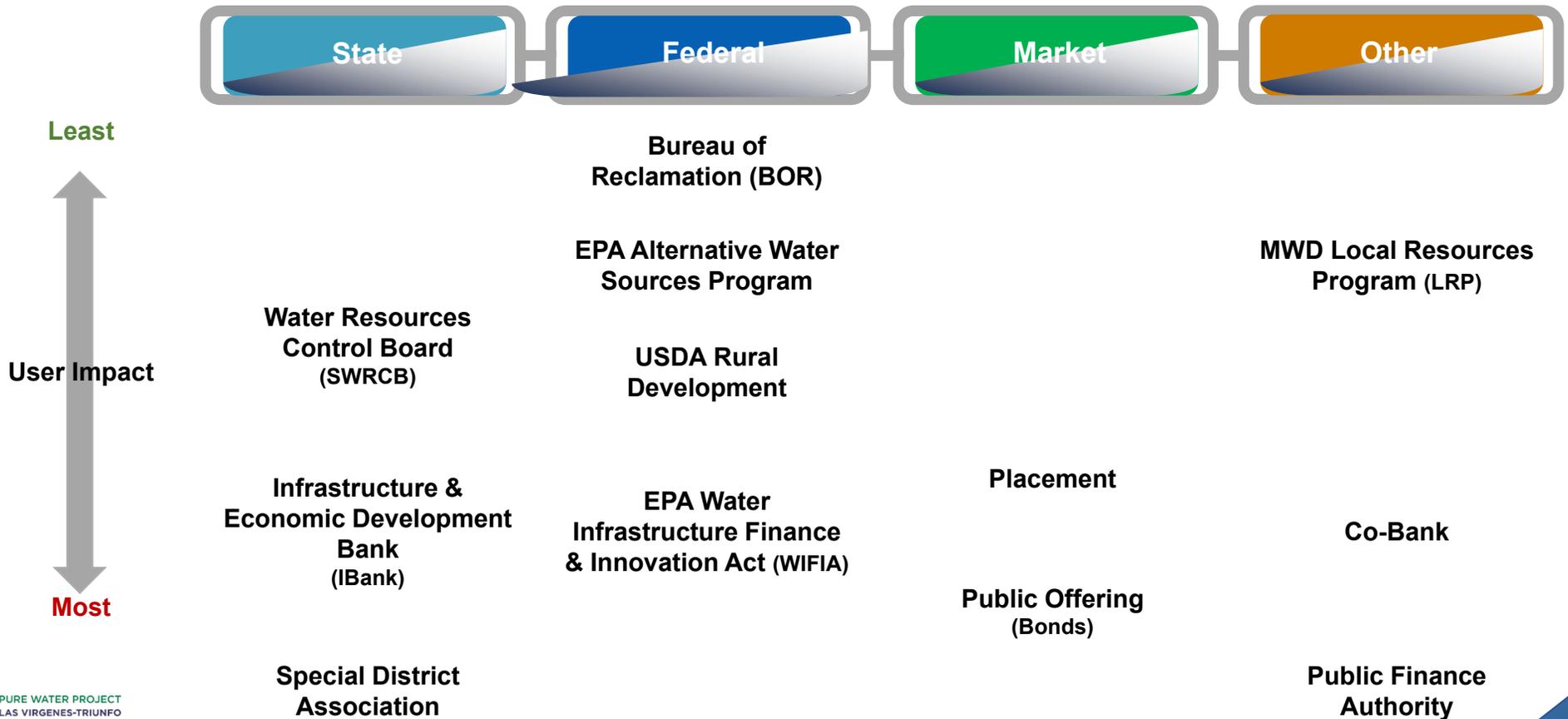
Funding and Offsets



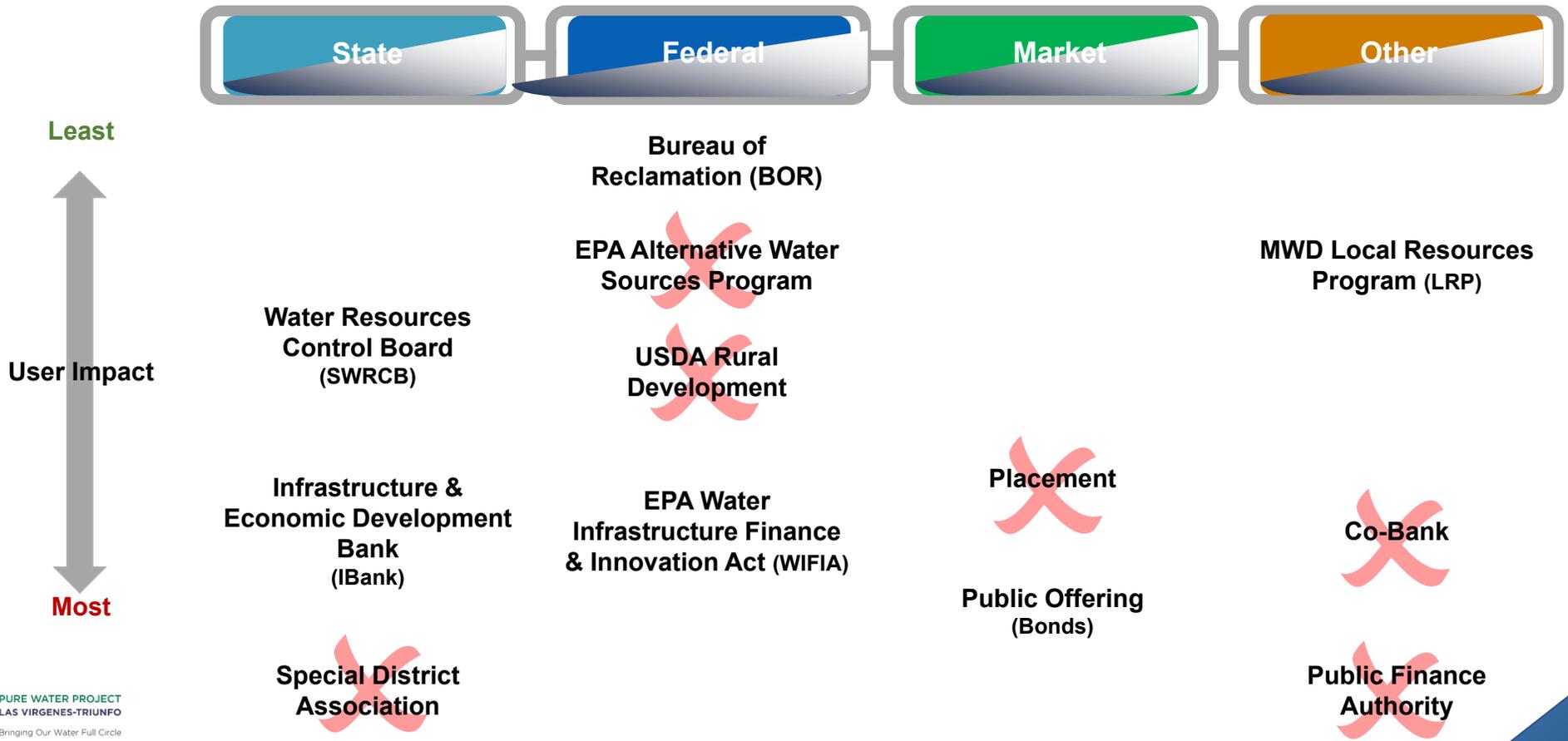
Funding Source Strategies

- Strategy 1: Focus on Most Likely Funding Sources
- Strategy 2: Focus on Least Expensive Funding Sources
 - *Grants*
 - *Loans / Bonds*
- Strategy 3: Structure Debt Service Within Targeted Rate Impact

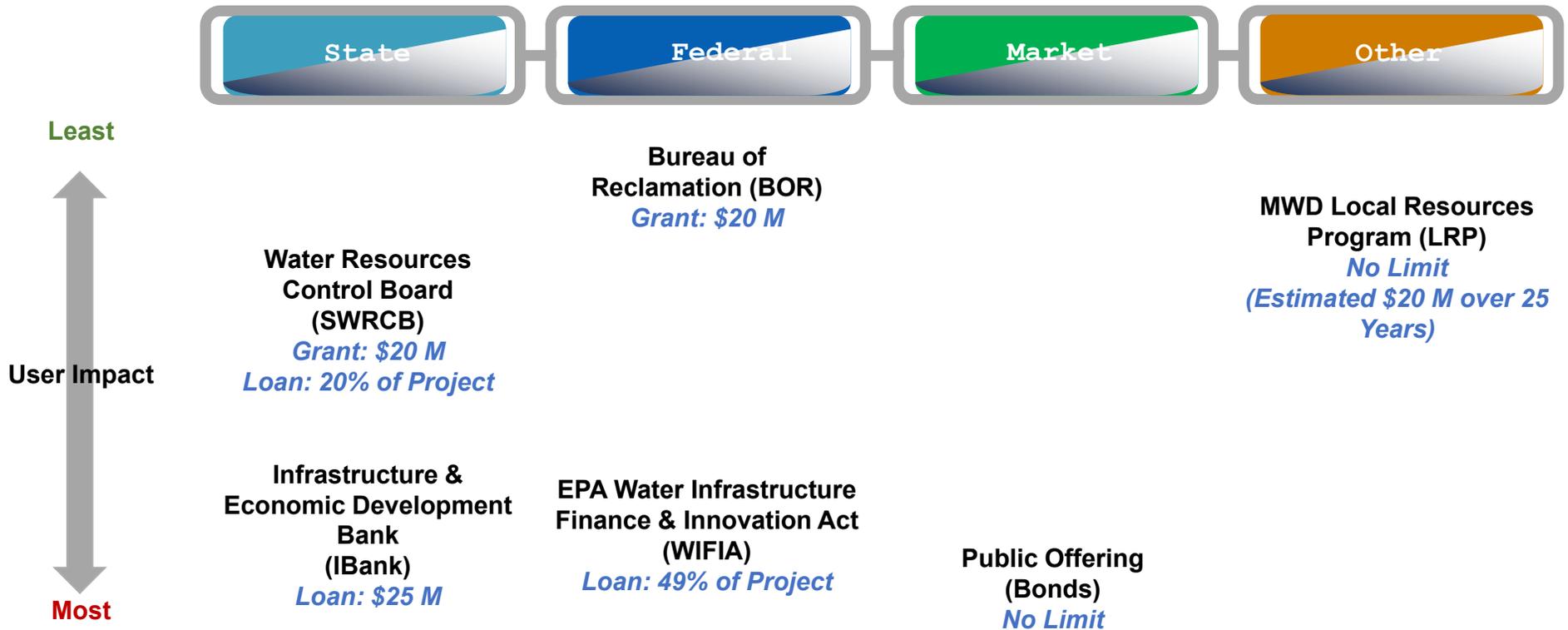
Funding Sources



Unlikely Funding Sources



Funding Sources ~ Limits



Program Offsets

● Metropolitan Water District (MWD) Local Resources Program (LRP)

- Open to all public and private water member agencies within Metropolitan’s service area for projects that will reduce demands on MWD’s water supplies.
- Incentivizes water supply projects by providing annual reimbursements to cover operating costs once the project goes online.
- Early coordination is encouraged, and Jacobs has already met with LRP representatives to discuss the PWP and learn more about the program’s requirements.

INCENTIVE STRUCTURES			
Payment Alternative	Max Pay-Out	Payment Period	Notes
1 – Sliding Scale	\$340/AF	25 Years	Good for high-cost projects with long-term production
2 – Sliding Scale	\$475/AF	15 Years	Good for high-cost projects with early capital cost outlays
3 – Fixed Rate	\$305/AF	25 Years	Lowest payout, but assured versus options 1 and 2

Modeled Sources



Federal program from EPA that gives low-interest loans for water/wastewater capital programs.



Program within SWRCB that was designed to offer low-interest financing to water/wastewater projects in California.



Landscape in California is varied with potential opportunities from several different sources.



Program from MWD that is intended to incentivize water supply reliability projects through offsets.



Most traditional form of CIP financing.

WIFIA FUNDING	
Funding Cap	49%
Repayment Deferral	5 Years After Project Completion
Likelihood	High

SRF FUNDING	
Funding Cap	Varies
Repayment Deferral	1 Year After Project Completion
Likelihood	Med-Low

GRANT FUNDING	
Funding Cap	Varies
Repayment Deferral	--
Likelihood	Med-High

BOND FUNDING	
Funding Cap	None
Repayment Deferral	Issuer Decides; Cost Increases
Likelihood	High



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Independent Cost Estimate

Updated Cost Estimate

Costs	Updated Baseline (2021 Estimate)	Other Potential System Requirements
Construction	\$147 M	
AWPF	\$79 M	\$54 M
Conveyance	\$65 M	
Reservoir	\$3 M	
Soft Costs	\$53 M	\$19 M
Escalation*	\$36 M	\$13 M
Program Contingency	\$20 M	--
Total Estimated Cost	\$256 M	\$86 M

**Bookend Cost Scenarios:
\$256M to \$342M**

* 3% escalation with midpoint of construction in December 2026

Other Potential System Requirements

- **Advanced Water Purification Facility**
 - *Level of pathogen reduction*
 - *Level of process redundancy*
 - *California Toxics Rule compliance*
 - *Finished water stabilization*
 - *Building programming and architectural requirements*
- **Conveyance**
 - *Finalize alignments*
 - *Recycled water system balancing*
 - *Emergency discharge*
 - *Brine scaling mitigation and control*
- **Reservoir**
 - *Algal bloom control*

**Phase 1 Evaluation:
Confirmation of other system requirements**





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TACT Scenarios & Bill Impacts

Scenarios Overview

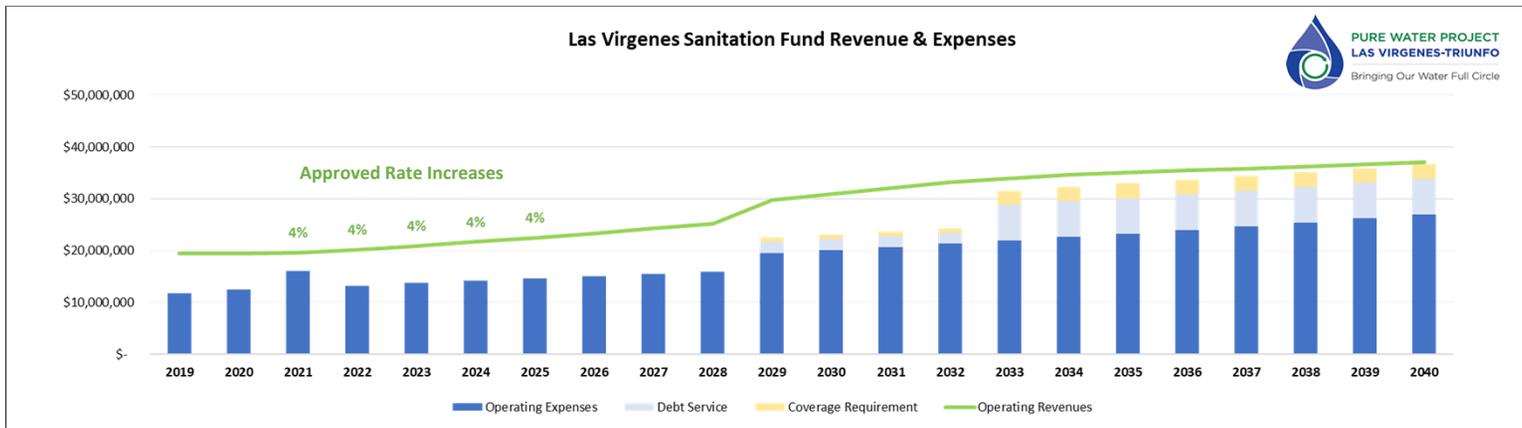
Parameter	LOW	HIGH
Project Cost	\$256 M	\$342 M
WIFIA Loan	49%	0%
SRF Loan	20%	0%
Grants	15%	0%
Anticipated Pay-Go*	16%	21%
Bonds**	0%	79%
LRP Agreement	\$340/AF for 25 Years	\$340/AF for 25 Years

*Using the maximum amount available to each agency

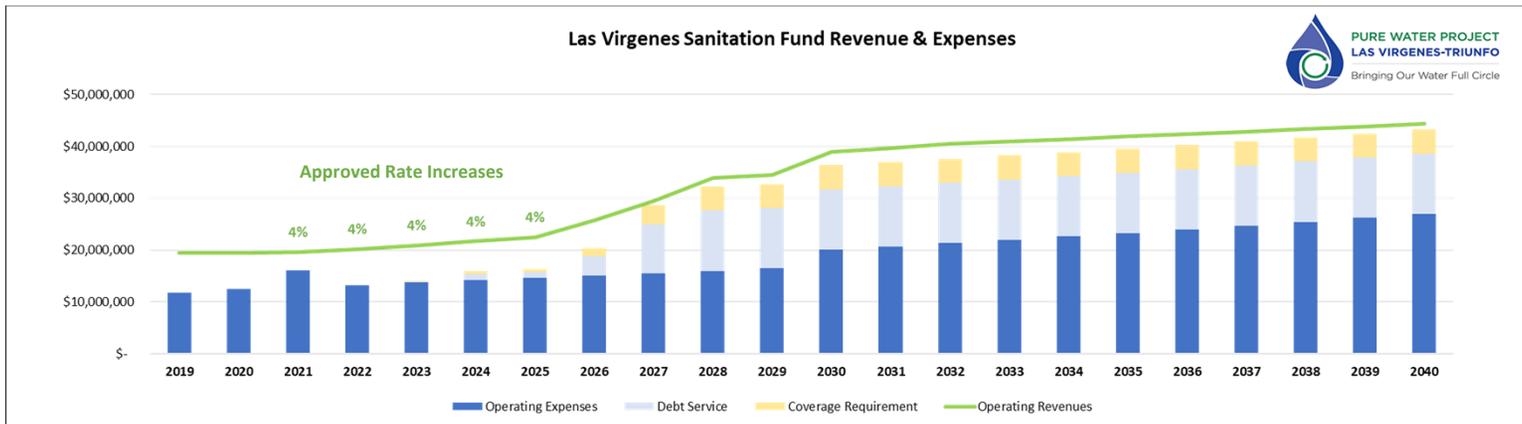
**Used to fill in any remaining funding gap

LVMWD Sanitation Revenue Requirements

LOW SCENARIO

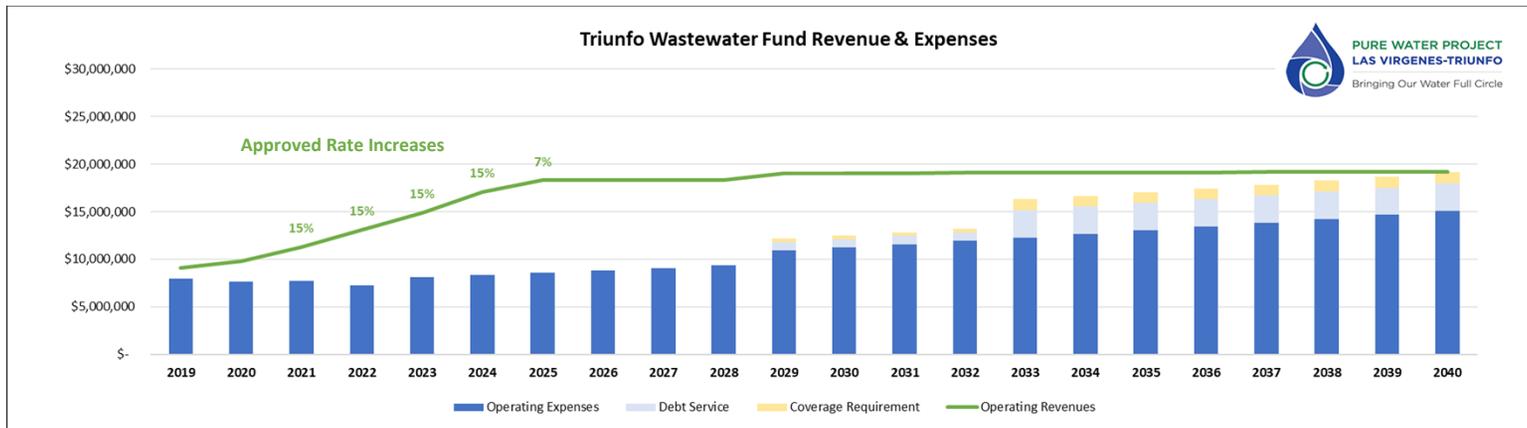


HIGH SCENARIO

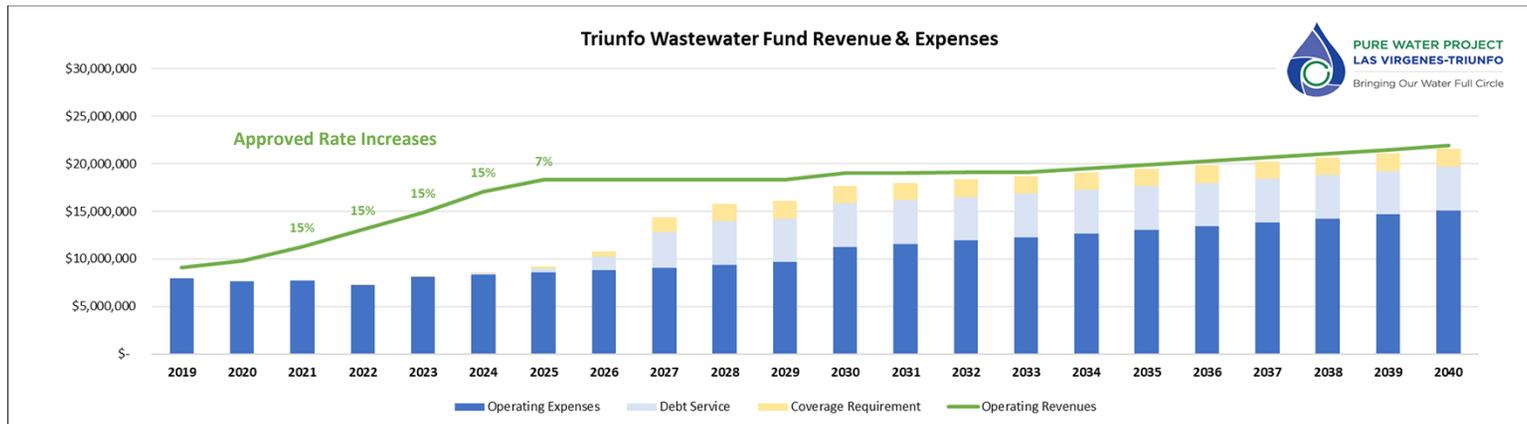


TWSD Sanitation Revenue Requirements

LOW SCENARIO



HIGH SCENARIO



Results Summary – LVMWD Future Combined Bills

Existing Revenue Projection	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	AVG**
Annual Increase	4.6%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.2%
Average Monthly Bill*	\$204	\$208	\$212	\$216	\$220	\$225	\$229	\$234	\$239	\$243	\$248	\$4.06
Low Scenario	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	AVG**
Annual Increase	4.6%	3.9%	4.0%	4.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.8%
Average Monthly Bill*	\$204	\$212	\$220	\$229	\$233	\$238	\$243	\$248	\$253	\$258	\$263	\$5.39
High Scenario	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	AVG**
Annual Increase	4.6%	9.0%	9.7%	5.1%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	3.5%
Average Monthly Bill*	\$204	\$222	\$244	\$256	\$260	\$264	\$268	\$272	\$276	\$280	\$285	\$7.32

* Includes potable water and sanitation services with 25 hcf/month of water usage

** Average annual increase

Results Summary – TWSD Future Combined Bills

Existing Revenue Projection	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	AVG**
Annual Increase	5.2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0.5%
Average Monthly Bill*	\$282	\$282	\$282	\$282	\$282	\$282	\$282	\$282	\$282	\$282	\$282	\$0.00
Low Scenario	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	AVG**
Annual Increase	5.2%	0.0%	0.0%	0.0%	0.0%	0.0%	1.2%	1.2%	1.2%	1.3%	1.1%	1.0%
Average Monthly Bill*	\$282	\$282	\$282	\$282	\$282	\$282	\$286	\$289	\$293	\$296	\$300	\$1.57
High Scenario	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	AVG**
Annual Increase	5.2%	0.0%	0.0%	0.0%	0.0%	0.0%	2.4%	2.1%	2.1%	0.9%	0.9%	1.2%
Average Monthly Bill*	\$282	\$282	\$282	\$282	\$282	\$282	\$289	\$295	\$301	\$304	\$307	\$2.20

* Includes potable water and sanitation services with 15 hcf/month of water usage

** Average annual increase



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Next Steps

Next Steps

- Each agency will continue to develop a more detailed funding plan for their share of the project.
- The financing team will continue to refine this analysis and consider the best timing and usage of funding mechanisms.
- Models will be updated regularly as more information becomes available, and assumptions are refined such as:
 - *Further refined cost and schedule information*
 - *Impacts of Congressional Infrastructure Bill are better understood*
 - *Additional analysis to determine future pay-go contributions*
 - *Updated non-PWP capital investments*



Thank You